NOCH

... wie im Original

Specialist in Model Landscaping

Main Catalogue

2027 • 2028

Over 2,000 products and useful crafting tips on 480 pages

Everything on the Topics

- *Landscape and Track Construction*
- *Bridges and Viaducts*
- *Portals, Walls and Arcades*
- *Landscape Design*
- *Winter Scenery*
- *Trees and Bushes*
- *Buildings*
- *Figures and Decorations*
- *Model Railways*

… and much more

Highlights from

- *AMMO*
- *ATHEARN*
- *PECO*
- *ROKUHAN*

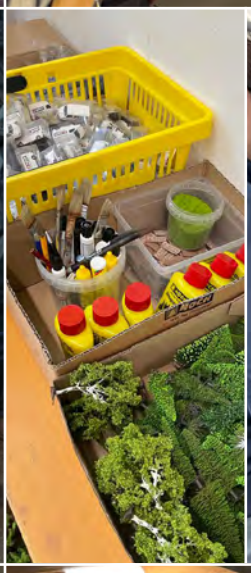
Issue 2027 • 2028
Germany Euro 10.00
Austria Euro 11.00
(recommended retail price)




NOCH








NOCH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URKUNDE



Dear friends of NOCH,
dear model railway enthusiasts and hobbyists,

For over a century, the NOCH brand has stood for the fascination of the small world within the big one – for landscapes that tell stories. In June 2026, we had the pleasure of celebrating this wonderful legacy together with you: 115 years of NOCH.

The open days impressively demonstrated what makes our hobby so unique. It wasn't just the meticulously detailed layouts, the impressive demonstrations or the coveted bargains that sparked such enthusiasm – above all, it was the connections made. Conversations between like-minded people, the wonder at perfectly crafted scenes and the joy of getting hands-on made these days truly special.

Anyone who has ever experienced first-hand how the many materials are transformed into vibrant products for your model landscape through the personal dedication of NOCH's staff immediately realises: model-making is more than just a hobby. It's about creativity, attention to detail, precision and the chance to create your own worlds. Whether it's adding grass with the Grass-Master, laying tracks or admiring a perfectly staged scene – it's precisely these moments that inspire and bring people together.

This catalogue is an invitation to continue this very fascination. Be inspired, discover new ideas and design your very own model world – with an eye for detail and a love of creativity.

We thank you for your enthusiasm, your loyalty and for being part of this special community.

Yours, Dr Rainer Noch and Sebastian Topp

A short journey through the land of creative possibilities

Parent & Child Seminar

As part of a 1.5-day workshop, an adult and a child – for example a mother and daughter or grandfather and grandson – work together to create a magical diorama. The workshops take place in our factory in beautiful Wangen im Allgäu and offer many highlights such as a guided tour of the production facility and a dinner together. For more details, please see page 19 of this catalogue.









Children's birthday parties

At NOCH Modellbau-Welt in Wangen, we organise children's birthday parties for groups of up to 12 children aged 6 and over. We celebrate together and, of course, make things together. Each child can take their self-built diorama home with them after the party.

If you would like to celebrate and do handicrafts at home, we will be happy to put together a customised handicraft package for your children's birthday party.

For further information please contact Mrs Sandra Carlucci: Sandra.Carlucci@noch.de

Children's handicrafts

At NOCH Modellbau-Welt, we offer Advent crafts for children, especially in the run-up to Christmas. In groups of up to 20 children aged 6 and over, we make small Christmas scenes and Christmas tree decorations together. You can find more information online at: www.noch.com/service/events-seminars/





Workshops at our dealers

Many of our specialist retail partners offer exciting seminars and workshops, often in your local area. You can find an overview of this diverse range in our event calendar on our website www.noch.com/service/events-seminars/

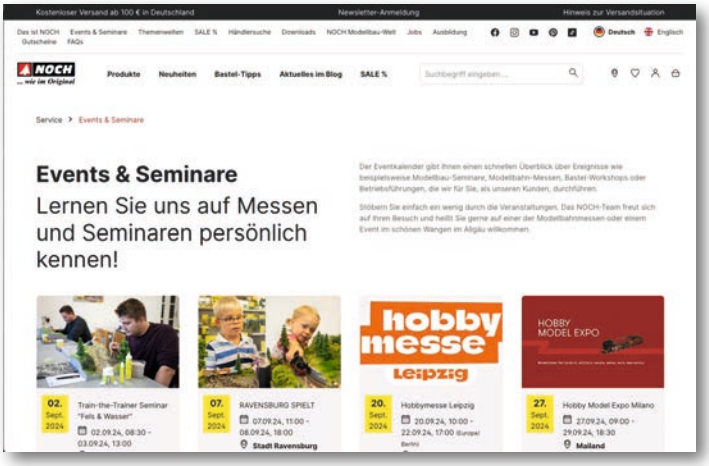



Photo: www.werkstatt-modelleisenbahn.de

Model Railway Workshop – an offer for schools

A special offer from our industry for schools in Germany is the 'Model Railway Workshop'. Since 2012, it has been organised as part of the 'Spielen macht Schule' initiative and supported by all ministries of education. Schools have the opportunity to compete for a high-quality product package from well-known manufacturers. This campaign is supported by the companies MÄRKLIN, FALLER, BUSCH, AUHAGEN, VIESSMANN and NOCH. The aim of the workshop is to get children interested in technical subjects, make learning easier and encourage them in a creative way. Over 720 schools have already received a 'Model Railway Workshop'.

Further information at www.werkstatt-modelleisenbahn.de

Online Seminar NOCH Home Academy

You don't have time to attend a seminar in Wangen or you live too far away? Then we suggest you to visit our online seminar on YouTube. There you can create a wonderful mountain diorama on your own or together with your family.

Further details can be found on page 20 – 21 of this catalogue and online at www.noch.com/theme-worlds/holiday-in-the-mountains-noch-home-academy/





YouTube



This is NOCH
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Everything to Get Started
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easy TRACK Railway Route Kits
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Landscape and Track Construction
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Bridges and Viaducts
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Portals, Walls and Arcades
Page 92 – 107



Rocks and Rock Walls
Page 108 – 119



Roads, Paths and Squares
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Rivers, Lakes and Water Bodies
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Electrostatic Grass Application
Page 146 – 159



Fields and Meadows
Page 160 – 181



Trees and Bushes
Page 182 – 217

It's so easy to find your way around the NOCH Catalogue:

Gauge symbols
Each item is accompanied by a gauge symbol. As an H0 railway modeller, you'll recognise which items are of interest to you by the **H0** *symbol. An item without a gauge symbol can be used for all gauges. The information on gauges at the bottom of the page gives you a quick overview of which gauges you'll find on the respective double page.*

G	*G gauge 1:22.5 scale*	**H0**	*H0 gauge 1:87 scale*	**N**	*N gauge 1:160 scale*
1	*1 gauge 1:32 scale*	**TT**	*TT gauge 1:120 scale*	**Z**	*Z gauge 1:220 scale*
0	*0 gauge 1:43 scale*				

G **1** **0** **H0** **TT** **N** **Z**



Winter
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Buildings
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Figures and Decorations
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Paints, Glues and Tools
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Preformed Layouts and Tunnels
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Model Railway in a Briefcase
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ROKUHAN
Page 464 – 475



References / Keyword Index
Page 476 – 481

Symbols
Different symbols inform you quickly – e.g. about crafting tips or products that can be combined with each other.

Craft tips, notes or information

Laser-Cut Bridge Systems

Laser-Cut product

micro-sound

micro-motion

Hand-painted

3D printed product

Colour 3D Print

Here's how to do it

Before the fun of building begins, there's the planning. Every model landscape builder should ask themselves a few fundamental questions before they start building: What sort of model landscape do I want to build? Should rail transport and industry take centre stage, or is the focus more on a natural landscape experience? Is the scene set in rugged high mountains, in rolling low mountain ranges, or on flat countryside?

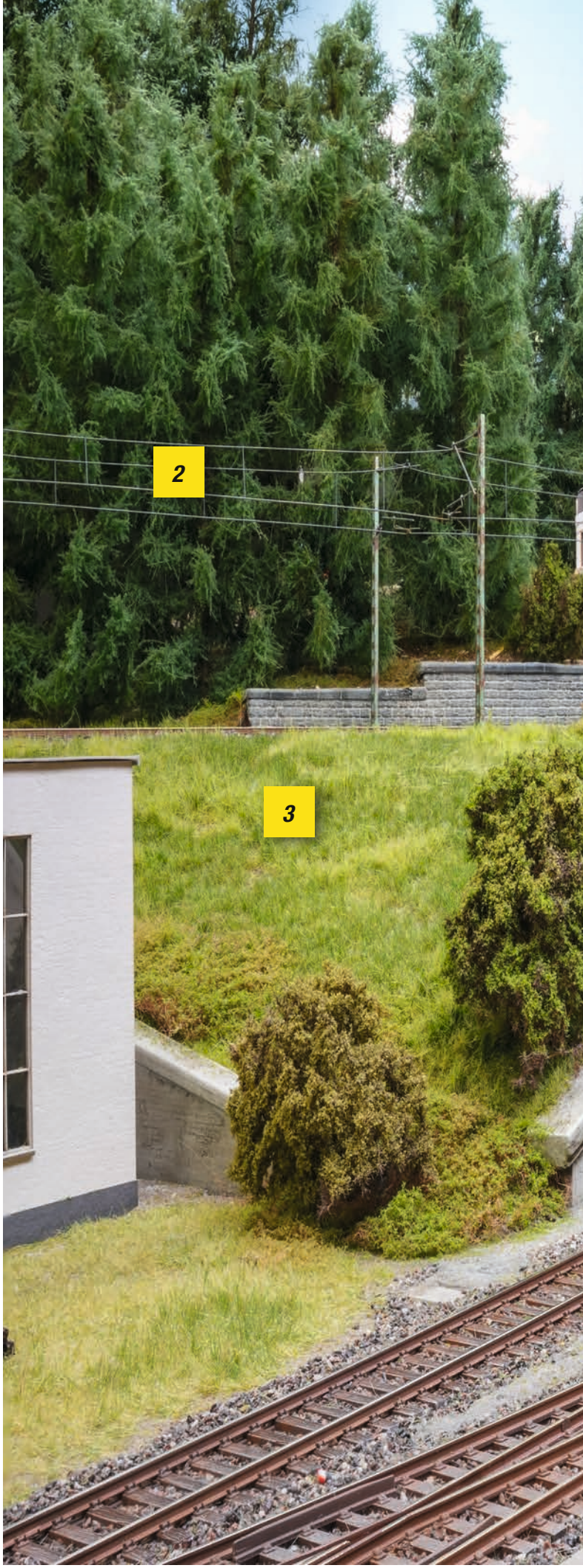
Our 2026 New Items diorama combines urban chic with major railway themes. It depicts an impressive station approach, characterised by functional post-war architecture and numerous lovingly crafted details along the tracks.

Here are a few highlights:
A classic scene from the late 1980s: 216 224 enters the station from a branch line, crossing an electrified main line on which the newly delivered 120 116 universal three-phase locomotive is travelling with a freight train. This scene is completed by portals and walls from the hard foam serie ‚Concrete' (ref. 58091 – 58095), which are ideal for station entrances as well as for overpass structures.

With the PECO Streamline Code 75, you can create superb turnout layouts and realistic track patterns that provide the perfect backdrop for your rolling stock. In combination with the 3D minis boundary marks (ref. 13607), track switching devices (ref. 13608) and electric turnout drives (ref. 13609), you can create perfectly designed and professional-looking track layouts. The entire operation is supervised by the signalman in the signal tower 'Nidderau' (ref. 66109).

Framed by various spruce trees from the Master Trees series (refs. 20190, 20191 and 20192), the laser-cut kit micro-motion Observatory stretches out above this scenery. A lifelike vegetation is created using various grass fibres, applied electrostatically with the Gras-Master 4.0 (ref. 60125). Foliage, flock, shrubs and grass tufts ensure a varied, natural-looking vegetation. The landscape is complemented by figures and decorative items from the extensive NOCH range, which lend the layout additional vitality.

A four-part construction diary can be found on the NOCH_miniature YouTube channel in the video series 'We're building another NOCH exhibition layout'.



1. *Master trees, from page 186*
2. *micro-motion Observatory, page 266*
3. *Electrostatic grass application, from page 146*
4. *Hard foam serie ‚Concrete', page 98*
5. *3D minis, page 245*
6. *Ballast, from page 173*
7. *Signal tower 'Nidderau', page 242*
8. *PECO Streamline H0 – Code 75, page 457*

Photography & model making: Florian Giwanski, NOCH, Wangen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Is Every Beginning Difficult?

No, it doesn't have to be, because the information and offerings in this chapter guarantee lots of crafting fun and exciting results for beginners and advanced modellers.



Everything to Get Started

Model Landscaping Guidebooks – from page 12
- *Guidebook easy TRACK 'Andreastal'*
- *Guidebook easy TRACK 'Albulabahn'*
- *Guidebook Model Landscaping 'St Sebastian'*

Seminars – from page 18
- *Tips and tricks straight from a pro*

NOCH Home Academy – from page 20
- *Discover videos for various topics*

Products for Getting Started in Your Hobby – from page 24
- *Landscaping Basic Equipment Package*
- *Starter Set 'Model Railway Layout Construction'*
- *Basic Set 'Modelling'*
- *Starter Sets*

Build Your Personalised Model Railway Layout with easy TRACK

Discover all the tips and tricks in the Guidebook easy TRACK 'Andreastal'

easy TRACK is the perfect method for constructing your personal model railway layout, because easy TRACK relieves you of the time-consuming and painstaking steps of track planning. More on the innovative easy TRACK System and a great collection of kits can be found on pages 30 – 55 of this catalogue.

In the easy TRACK Guidebook, you'll find out how an easy TRACK layout is built step by step using the layout 'Andreastal' as an example. Our author Andreas Theis planned the layout 'Andreastal' (lit. Andreas Valley) and documented the build with photographs. In comprehensible, individual steps, he guides you through assembling the easy TRACK Railway Route System, to laying the tracks, model landscaping, landscape design and decoration to the finished layout.

Naturally, you can also build the landscape around your easy TRACK kit however you like. In this case, the guidebook provides you with a lot of information about modelling techniques and will be your indispensable reference work with tips and tricks.

If you want to replicate the layout built by Mr Theis, you will find practical shopping lists with the required products in each chapter. Then you can be sure that you have all the materials in stock and that there's nothing standing in the way of your crafting success.

Should you want to recreate the layout independently from our easy TRACK Railway Route Kit, you'll find supplementary track plans for Märklin© C Track and Märklin K Track, Trix C Track, PIKO A Track and Roco Line without track bed in the booklet.



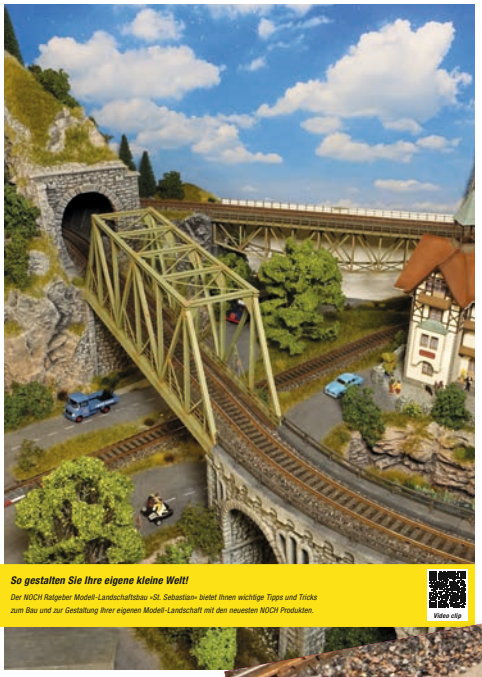
HO **71902** ***Ratgeber easy TRACK 'Andreastal'***
German Guidebook, *124 pages*

HO **71903** ***Guidebook easy TRACK 'Andreastal'***
English, *124 pages*



You'll find our easy TRACK layout kits from page 30 in this catalogue.

G 1 0 HO TT N Z



So gestalten Sie Ihre eigene kleine Welt!

Der NOCH Ratgeber Modell-Landschaftsbau »St. Sebastian« bietet Ihnen wichtige Tipps und Tricks zum Bau und zur Gestaltung Ihrer eigenen Modell-Landschaft mit den neuesten NOCH Produkten.

Video clip

"easy" zur individuellen …



Liebe Modellbahner,

haben sie ihn nicht auch, diesen Traum von einer besonderen, einzigartigen und vor allem von ihnen selbst gestalteten Modelleisenbahnanlage? Endlich die schönen Züge mit ihren Wagengarnituren in einer naturgetreuen und mit viel Liebe gestalteten Umgebung fahren zu lassen? Es ist wirklich ein einzigartiges Gefühl, die Züge auf der eigenen Anlage zu beobachten und die natürliche Wirkung der Landschaft zu genießen!

Doch wie erreichen sie dieses scheinbar schwierige Ziel? So oft haben sie bereits die Bilder und Videos dieser tollen Anlagen der Modellbahnprofis bewundert und sich gefragt: Wie komme ich zu einem solchen außergewöhnlichen Ergebnis?

Mit einfach anzuwendenden Produkten, ein wenig Gespür für natürliche und zusammen harmonierende Farbtöne und der Freude am Landschaftsbau werden sie einfach und sicher ein tolles Ergebnis erreichen.

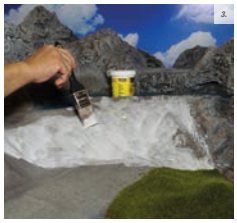
Das Team der Firma NOCH hat mit dem Easy Track System eine einzigartige Methode entwickelt, um die ersten Schritte beim Bau einer Modellbahn wesentlich zu vereinfachen.

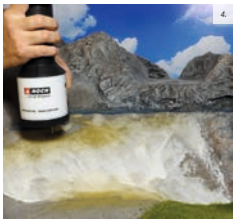
Der Gleisplan liegt bereits vor, die Trassenbrettchen sind schon fertig bearbeitet und müssen nicht mit viel Aufwand selbst hergestellt werden. Die Steigungen der Anlage sind so ausgelegt, dass ihre Züge den Anstieg problemlos bewältigen und auch die Durchfahrtshöhen wurden optimal berechnet. Ein perfektes System, das ihnen den Bau ihrer eigenen, individuellen Modellbahn-anlage wesentlich erleichtern wird.

Der neue Ratgeber Landschaftsbau zur Easy Track Anlage Andreastal soll dem Modellbahnanfänger den Einstieg in den Anlagenbau erleichtern, aber auch der geübte Modellbauer wird bestimmt einige Tips für seine individuelle Easy Track Anlage verwenden können.
Auf einer Fläche von 2 x 1,2m entsteht eine Hochgebirgsanlage, die durch hohe Bergmassive, einem weiten Tal, seinen wunderschönen Almhütten, imposanten Brückenbauwerken und einem Bergsee mit Wasserfall begeistert.
Lassen sie sich verzaubern von den mächtigen Bergmassiven der Anlage und tauchen sie ein in die vielen kleinen Szenen, die sich im Andreastal ereignen. Die Wanderer, die vom Bergrestaurant großer Mythen aus den Bergsteigern beim Klettern zuschauen. Den Bergbauern auf dem Hühnerhof, die in ihrem kleinen Nutzgarten arbeiten und ihre Tiere versorgen. Der Pferdepension Edelweiß, bei der sich Alles um das Thema Pferd und Reiter dreht. Der Christlhütte, auf der die ein… ausgelassen feiern und v…



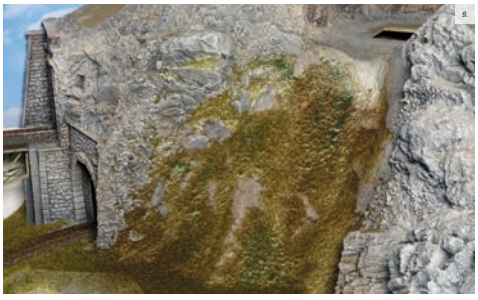












Mit jedem Baum, jedem Busch und jedem Blütenstrauch nähert sich das Aussehen der Anlage dem Punkt, wie der Baumeister die Natur sieht. Doch wie gut gelingt es, dem inneren Auge zu folgen? Und vor allem: Welcher Schritt kommt zuerst? Nur für die zweite Frage scheint es eine einfache Antwort zu geben. Lassen Sie mich anhand der Anwendungsfotos erklären, was ich meine und wie ich meine Anlagenvegetation aufbaue. Von unten nach oben beginnt alles zu wachsen! Darum beginne ich dieses Kapitel mit den Pflanzen, die am Boden wachsen und diesen bedecken (Bild 1). Danach kommen kleine Staudengewächse (Bild 2) und Sträucher (Bild 3).

Hohe Schilfgräser gesellen sich dazwischen (Bild 4), bevor Wälder entstehen und große Laubbäume für Akzente sorgen (Bild 5 und 6). Diese Vorgehensweise hat auch enorme Vorteile beim Arbeiten an der Anlage, da keine hohen Bäume den Zugang zur Arbeitsfläche versperren, was sehr ungünstig wäre, wenn in der Anlagenmitte gearbeitet wird. Auf der Anlage möchte ich als erstes den Weinberg anlegen. Die Reben werden in gleichen Abständen aufgeklebt (Bild 7). Dabei ist zu beachten, dass zwischen den Rebenreihen genügend Platz zum Begehen bleibt. Danach wird an den Terrassenkanten und am Weg entlang ein Grasstreifen angelegt (Bild 8 und 9).

Build your dream layout in N Gauge with easy TRACK!

You can find all the tips and tricks in the Guidebook.

The Albula railway is an impressive N-gauge layout measuring 200 x 100 cm. The model railway layout impresses with an extremely interesting track plan and plenty of space for individual landscape design. In the easy TRACK Albula railway guide you will learn step by step how this beautiful N-gauge layout was built.

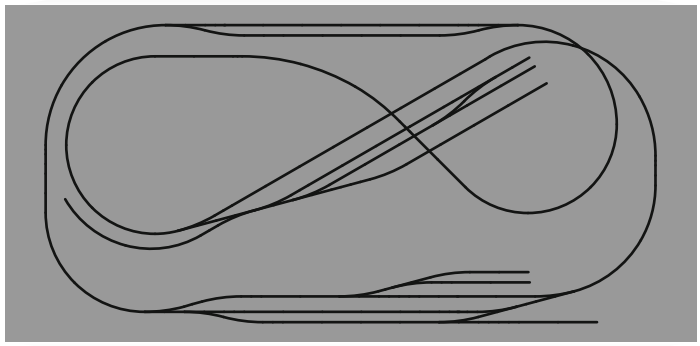
With N-gauge layouts in particular, it is very important to pay attention to some technical details when planning the layout, such as the maximum gradient. easy TRACK is the perfect method for building your individual model railway layout, because easy TRACK takes the time-consuming and laborious steps of route planning off your hands.

A major advantage of the easy TRACK system is that you have complete freedom when it comes to customising your landscape design. On the basis of the predefined course of the tracks, you can build the landscape entirely according to your own ideas. In this case, the guide will provide you with lots of information about modelling techniques and will be an indispensable reference work with tips and tricks.

Our author Florian Giwanski has planned the Albula railway layout and documented its construction in pictures. He guides you in comprehensible individual steps from setting up the easy TRACK Railway Route Kit, laying the tracks, designing and decorating the landscape to the finished layout.



View side B



View side A



71901 ***Guidebook Easy-Track 'Albula Railway' for N***
German, 100 pages

You'll find the complete product information for the new Railway Route Kit 'Albula Railway' on page 48.



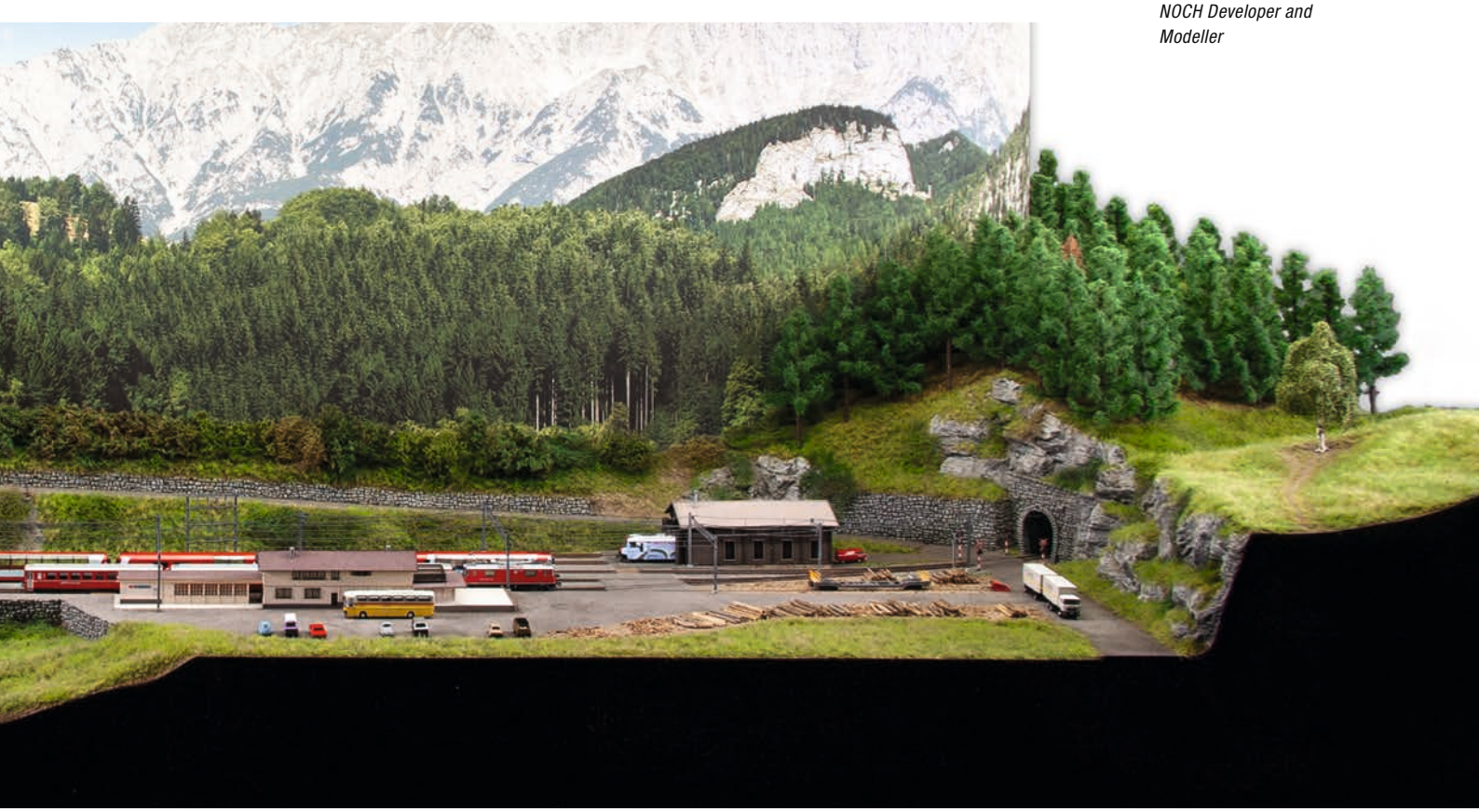


View side B

Note:
The German easy TRACK Guidebook 'The Albulabahn in N Gauge' is included in the easy TRACK Railway Route Kit 'Albula Railway' that you will find on page 48 in this catalogue.



Florian Giwanski
NOCH Developer and Modeller



Read, learn – build yourself!



How to Create Your Own Little World!

Discover all the tips and tricks in the 'St Sebastian' Guidebook

The 'St Sebastian' Model Landscaping Guidebook from NOCH offers you important tips and tricks for building and designing your own model landscape with NOCH products.
Karl-Heinz Echteler, the professional NOCH modeller, explains how to create a beautiful model railway layout in step-by-step detail and in an easy-to-understand way in 120 pages. From the construction of a frame over the landscape substructure with TERRA-FORM to the application of special modelling and rock compound, the foundation of a landscape is created, which can then be designed. How to use the NOCH Gras-Master 3.0 is dealt with in detail, as well as how to design forests, waters, rocks and much more. Tips and tricks for adding decoration to the landscape are not skimmed over, either. Alongside detailed instructive texts and numerous pictures, the 'St Sebastian' Model Landscaping Guidebook includes QR codes linked to videos of crafting demonstrations that can be viewed on your smartphone or tablet.
So that you can recreate the 250 cm x 120 cm large 'St Sebastian' layout as easily as possible, you'll also find track plans for Märklin® C track (AC) and TRIX C track (DC) in the booklet. Each chapter contains a shopping list of the required products.



71910 ***Ratgeber Modell-Landschaftsbau 'St. Sebastian' German Guidebook,*** *120 pages*



Learn about designing beautiful landscapes.



Find out everything about Laser-Cut kits and designing small scenes.


Einkaufsliste für dieses Kapitel
Aus dem NOCH Sortiment:
Möglichkeiten der Wassergestaltung
Gewässergestaltung
Dekorieren und Ausgestalten

Model Landscaping Seminars at NOCH

Tips and Tricks Straight from a Pro







We cordially invite you to one or more of our NOCH seminars in beautiful Wangen im Allgäu. There is something for everyone in our diverse landscaping topics. You will learn great tricks firsthand and can discuss your experiences and ask questions of our seminar leaders.
All seminars begin with a short tour of the factory, which gives you a look behind the scenes and shows you how, for example, how our walls and portals are manufactured, or how the laser studio and the dispatch department operate. Under professional guidance, you will create a diorama and learn skills in model landscaping that will enable you to build your dream model railway at home.

In what follows, we would like to present a closer look at the topics of the individual NOCH seminars, which vary in content.

Please note:** our NOCH seminar offerings are continually being developed. Please inform yourself about our current offerings online at **www.noch.com/service/events-seminars/.
There, you'll also find the exact costs, dates, and the option to register for a NOCH seminar.

Home Academy 'Holiday in the Mountains'

***The online seminar by NOCH.** Ideally suited for anyone who cannot make the long journey to us or who cannot take part in a seminar at our premises for other reasons.*

In our online seminar, we will show you the construction of a model mountain landscape from scratch. With everything that goes with it: landscaping substructure, rock design, water structuring, adding grass electrostatically with the Gras-Master, as well as decorating with Grass Tufts, Flock, Figures, etc. Constructing a laser-cut building is also part of the webinar.





You can watch the webinar for free in English at www.noch.com/home-academy/holidays-in-the-mountains.

The online seminar offers an array of special advantages: it's available 24 hours a day, you can start and pause at the best time for you, and individual sequences can be viewed again and repeated. All necessary items and tools will be made available in a list. Please also note that the Model Landscaping Set on page 24 of the catalogue provides the ideal basic equipment for participation.

Your will find more information about our online seminar on page 20 in this catalogue.

Seminar Types

PROFI Seminar for Everyone

Would you like to learn about model landscaping at first hand and pick up lots of tips and tricks? Then our PROFI seminars for everyone are the right place for you – whether you're a beginner or an advanced learner.
We currently offer the PROFI seminars 'Park Landscape', 'Rocks & Water', 'Snow Landscape' and 'Authentic Ageing' – only in German.

'Parent & Child' Seminar

Our Parent & Child Seminars are the perfect experience for a team of one adult and one child (one parent/adult and one child aged 7 to 14). We currently offer the 'Rocks & Water' and the 'Park Landscape' Seminars as Parent & Child Seminars – only in German.

Team Seminar

Whether partners, friends, mates or colleagues – with the team seminar, we want to give all craft enthusiasts the opportunity to work together on a diorama.
We are currently offering the'Park Landscape', 'Rocks & Water', 'Snow Landscape' and 'Authentic Ageing' seminars as team seminars – only in German.

Seminar Topics



'Park Landscape' Seminar

Have you ever dreamt of designing an entire park? In this seminar, you can give free rein to your creativity. The diorama base simply suggests a possible layout; we leave the decoration up to you. Alongside a pavilion, walls and a pond, trees, plants and figurines will enhance your park scenery.

Offered as a PROFI seminar, a team seminar and a parent-child seminar – only in German.



'Authentic Ageing' Seminar

This seminar focuses on designing a layout featuring a track that has been disused for a long time. Once the basic layout has been constructed, particular attention is paid to ageing and colouring various elements, such as a laser-cut shed, the hard foam walls and the track. Finally, the layout is embellished with details.

Offered as a PROFI seminar and a team seminar – only in German.



'Rocks & Water' Seminar

A seminar on the two central topics in model landscaping: rocks and water. The main focus here is on imagination and brainstorming. During the realisation of your individually conceived scenery, you will learn about different materials and how to work and process them. The contents include the building the model landscape, producing and installing rock pieces, colouring the rocks and the landscape, water design, electrostatic flocking with grass, perfect design with grass tufts, ground cover, bushes, trees and figures.

Offered as a PROFI seminar, team seminar and parent & child seminar – only in German



'Snow Landscape' Seminar

Winter landscapes with white snow and glistening ice fascinate people. Such landscapes are a particular challenge for modellers. In this seminar you will build a landscape framework and cover it with landscape crepe paper, and you will create a stream and a field path. You will design a wintry water body and ‚snow' your diorama electrostatically. Finally, you work with snow paste, icicles from a tube and ice crystal paste. The perfect decoration with grass tufts, bushes, trees and figures will complete your model.

Offered as a PROFI seminar and team seminar – only in German

NOCH Home Academy: 'Holiday in the Mountains'

Participate in a NOCH model landscaping online seminar!

You can find the first complete online model landscaping seminar from NOCH on our YouTube channel. Managing Director and seminar leader Sebastian Topp guides you through the seminar in five easy-to-understand chapters, in which you'll learn all the modelling techniques in order to build your own diorama or model landscape at home. All the relevant topics, from building the terrain base to rock construction, water design, electrostatic flocking, building a laser-cut building and many other topics, will be explained and dealt with in detail and in a way that is easy to understand.



Special advantages of the webinar 'Holiday in the Mountains'

- *Flexible time management, free choice of location: retrievable at any time, from anywhere, at any time of day or night.*
- *Customised learning plan: watch scenes or entire chapters again, skip ahead, rewind or pause whenever you want.*
- *Further info: links in the video take you to the shopping and tool lists.*
- *Additional tips from a pro: in each chapter, you'll get to know lots of additional tips and tricks from the pros.*
- *Practical: learn about modelling within your own 'four walls'.*

Start the seminar today! All the chapters, tool and material lists, as well as the cutting patterns for the outer walls of the diorama can be found at ***www.noch.com/theme-worlds/holiday-in-the-mountains-noch-home-academy***

YouTube













NOCH Home Academy – Learning Content of the Individual Chapters



Episode 1 – Quick & easy creation of a model landscape substructure

In this video, you'll pick up the most helpful tips for creating the perfect substructure of a diorama with the NOCH TERRA-FORM System.

Step by step, you'll learn how to professionally create a mountain landscape from planning through to construction of the framework and its cladding with NOCH Landscape Crepe Paper.



Episode 2 – Realistically cast, colour & install model rocks made of plaster

Designing and colouring rocks on a landscape is a supreme discipline when it comes to constructing a model landscape or diorama. By watching this webinar, you'll find out how the NOCH Rock Forming System works and pick up a load of tips and tricks on how to create rocks easily.



Episode 3 – Design a mountain lake with waterfall, model waters & paths

Just like in nature, water attracts all the attention! Step by step, you'll learn how to professionally design a mountain lake and a waterfall.
At the beginning of the chapter, paths are also designed.



Episode 4 – Electrostatic flocking of meadows, designing bushes & trees

Everything you've always wanted to know about designing natural vegetation in a model landscape.

From using the Gras-Master 3.0 to creating natural-looking meadows and decorating with plants and trees.



Episode 5 – Build & age laser-cut buildings, decorate a model landscape

In this chapter, you'll find out how a laser-cut model kit is built and custom designed through professional ageing. The landscape will then be decorated with figures and accessories and receive the final touches.

Many of the NOCH products presented in the webinar are available as a Landscaping Basic Equipment Package (ref. 60780).
More info can be found on page 24.



NOCH Home Academy: ‘Railway Bridge over the River’

Participate in a NOCH model landscaping online seminar!

Have you been wanting to take part in a seminar for a long time, but time or geographical constraints have got in the way? Our online modelling course offers you the perfect solution! Learn how to create realistic landscapes for your model railway from the comfort of your own home – flexibly, effectively and at your own pace.

This course is aimed at both beginners and experienced modellers who want to develop their skills. In clearly structured lessons, experienced chief model builder Florian Giwanski will teach you basic and advanced techniques. You will learn how to design your diorama with realistic colouring, professional grassing and the supreme discipline of water.

A key advantage of our online course is its flexibility: you have access to the course content at any time, which is provided exclusively via a private YouTube video. There are no fixed times and no travelling – you can start, pause and rewind the video at any time to complete the lessons at your own pace. This gives you the freedom to work intensively on each technique and go back to details you want to deepen at any time.

After booking the course, you will receive an exclusive set of materials delivered directly to your home. These materials have been carefully selected to give you the best possible start or further development in the hobby of model landscaping.

Start your model railway adventure today – conveniently, flexibly and without restrictions. Book now and get the complete modelling experience straight to your home!

***Note: The online seminar is only available in German** and may be booked online at www.noch.de. You will also need tools (see pages 398 – 399) and a NOCH Gras-Master (e.g. ref. 60125).*



S00700 ***NOCH Home Academy ‘Railway Bridge over the River’***
Online Seminar ‘Model Landscaping’
299.99 €

G 1 0 HO TT N Z



Harmonious colour schemes

Stone by stone, the bridgeheads are brought into a harmonious overall picture.



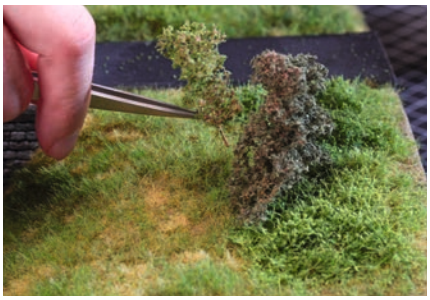
Water march

The 2K Water Gel is used to model a natural river course.



Stamp for Meadows

Meadows are created in several layers from individual grass tufts. Just like the real thing.



Homemade bushes

Our railway embankment vegetation makes it quite easy to create realistic bushes.



Rust thanks to pigments

The Laser-Cut steel bridge is aged with different pigment colours during assembly.



Realistic tracks

Thanks to AMMO Rail Center products, the tracks are given a realistic patina in several steps.

Material Package Home Academy 'Railway Bridge over the River' Contents:	
Ref.	***Description***
*07202**	*Flock, light green, 5 g*
*07204**	*Flock, medium green, 5 g*
07117	*Wild Grass ‚Meadow', 9 mm, 50 g bag*
*07167**	*Leaf Foliage, olive, 14 g, of the Leaf Foliage Set*
07270	*Foliage, light green, 20 cm x 23 cm*
08312	*Scatter Grass ‚Meadow', 2.5 mm, 20 g bag*
08324	*Scatter Grass, golden yellow, 2.5 mm, 20 g bag*
08362	*Scatter Grass, beige, 4 mm, 20 g bag*
08363	*Scatter Grass, light green, 4 mm, 20 g bag*
08364	*Scatter Grass, medium green, 4 mm, 20 g bag*
*08752**	*Snow Paste, 20 g*
09228	*PROFI-Rocks 'Rubble', fine, 80 g*
09232	*PROFI-Rocks 'Rubble', coarse, 80 g*
09234	*Sand, fine, 250 g bag*
09365	*PROFI Ballast 'Basaltic Rock', dark grey, 250 g*
15892	*Figures Set H0 Fishermen*
20120	*Silver Birch Tree, 18 cm high*
*23102**	*Embankment Vegetation, 3 – 5 bushes*
60100	*Plastic Bottles with lid, 4 pieces*
60137	*Grass Stamps*
*60823**	*Terrain Structure Paste 'Field & Nature', loam (ochre), 100 g*
*60870**	*2K Water Gel 'transparent', 2 components, each 50 ml*
60872	*Aqua Effects, 125 ml*
61130	*Grass Glue, 250 g*
61134	*Ballast Glue, 130 g*
61151	*Spray Adhesive 'Haftfix', 400 ml*
62810	*Steel Bridge, with bridgeheads*
4600006	*Sleeper Brown, mat, acrylic paints, 20 ml*
4600025	*Freight Red, mat, acrylic paints, 20 ml*
4600027	*Ochre Sand, mat, acrylic paints, 20 ml*
4600030	*Light Grey, mat, acrylic paints, 20 ml*
4602005	*Soot Wash, 35 ml*
4602303	*Pigment, Deep Rust, 35 ml*
4602304	*Pigment, Fresh Rust, 35 ml*
4602500	*Enamel Odourless Thinner, 35 ml*
	Peco straight track, 335 mm
	Peco straight track, 79 mm
	Hardfoam Diorama



** Note: As the quantity required for the seminar differs from the original NOCH product, the items marked with an '*' are included in the material package as special fillings.*

THE Basic Equipment for the Professional Model Landscaper!

Landscaping Basic Equipment Package

With the NOCH Landscaping Basic Equipment Package, you have everything you need to begin professionally building a landscape. Regardless of whether you want to equip a model railway with a landscape or are looking to get started with high-quality diorama construction, the enclosed materials are ideal for all gauges and scales.
With the NOCH TERRA-FORM System, you can create stable scaffolding in the blink of an eye. Great rock formations arise through the use of the Rock Former, PROFI Casting Compound and Nature Paints Set.
With the enclosed paints, Water-Drops® color and Aqua Effects, you also have high-quality materials at your disposal for realistic water design.
You can decorate your model landscape according to your individual requirements with stones, grass fibres, flock, foliage, grass tufts and a pack of trees..
The most important glues are also included so that you can get started right away. Please refer to the table for the exact, very extensive contents of the set.
The enclosed materials are the ideal basic equipment for every modelling workshop.

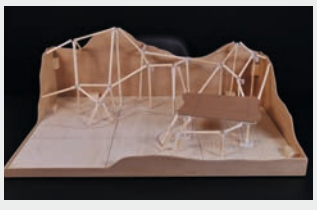
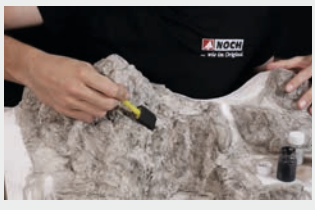
In connection with a NOCH easy TRACK Railway Route Kit, the set gives you the perfect, simple start in building a model railway layout. In addition, the package represents savings of more than 10 % compared to purchasing the items separately.*
We recommend the package as initial equipment for ambitious beginners. Most of the enclosed products have been taken from the high-quality, realistic NOCH PROFI segment, developed by professional modellers, and compiled for you. Using these individual products is very easy and pays off with a perfect result. Each item comes with instructions for how to use it and its applications.
Please also watch out for the NOCH Home Academy with the online seminar 'Holiday in the Mountains'. All products included in the basic package are shown, explained, and worked with in detail in the webinar.
***Note:** figures and buildings are not included in the pack.*

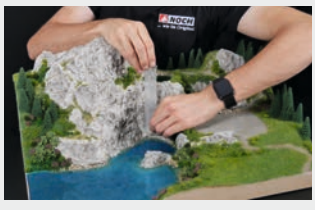


The NOCH Home Academy:
Webinar 'Holiday in the Mountains'

At the NOCH Home Academy, you will learn how to professionally design a mountain landscape from seminar leader and NOCH Managing Director Sebastian Topp. The core topics of the webinar are rock construction, water design, adding grass electrostatically, laser-cut modelling and realistically decorating a landscape. You will get to know all the products in the basic equipment package, learn how to use them correctly and benefit from lots of tips and tricks. You can attend the webinar free of charge around the clock on the NOCH website at www.noch.com/theme-worlds/holiday-in-the-mountains-noch-home-academy. We hope you enjoy watching and joining in!

Further info can be found on double page 20 – 21 of this catalogue.





Contents of the Model Landscaping Set

Ref.	Description
07006	Grass Tufts XL, muted colours, 104 pieces, 9 mm
07012	Grass Tufts 'Wild Flowers' 52 pieces, 6 mm and 52 pieces, 9 mm
07072	Master Grass Blend 'Summer Meadow', 2.5 mm to 6 mm, 50 g
07100	Wild Grass 'Meadow', 6 mm, 50 g
07270	Foliage, light green, 20 cm x 23 cm
07301	Leafy Foliage, dark green, 20 cm x 23 cm
07341	Structured Flock, light green, medium, 15 g
07342	Structured Flock, light green, medium, 15 g
08099	PROFI Shaker, empty
08100	Puffer Bottle
08312	Scatter Grass 'Meadow', 2,5 mm, 20 g
08322	Scatter Grass, medium green, 2,5 mm, 20 g
08362	Scatter Grass, beige, 4 mm, 20 g
09228	PROFI-Rocks 'Rubble', fine, 80 g
09230	PROFI-Rocks 'Rubble', medium, 80 g
09237	Gravel, 250 g
23102	Embankment Vegetation
60823	Terrain Structure Paste 'Field & Nature' 100 g sand (beige), 100 g loam (ochre) 100 g soil (brown)

Ref.	Description
24643	Fir trees, 16 pieces, 4 cm – 10 cm
60840	Landscape Crepe Paper, 90 cm x 80 cm
60856	Water Drops® 'color', 250 g transparent granules for approx. 300 ml and each 25 g of blue, green and brown
60872	Aqua Effects 130 g
60878	Waters Colour Set, 30 ml of ready-to-use paint in dark blue, ultramarine, turquoise, mud brown and white
60918	PROFI Casting Compound 1,000 g, for approx. 800 ml
60920	Modelling Compound, white spackle, 500 g
61130	Grass Glue, 250 g
61133	Scenery Glue, 127 g
61140	Landscaping Spray Bottle, empty
61141	Landscaping Spray Glue, 250 g, ready-for-use mix
61191	Acrylic Color, matt, Ivory, 90 ml
61194	Acrylic Color, matt, light green, 90 ml
61200	Nature Paints Set, 6 colour concentrates, each 20 ml 1 mixing cup, 1 sponge spatula
61233	Rock Former 'Widderstein', 1 large rock, 2 small rocks
61630	TERRA-FORM Connector Pieces, 72 parts in total
61650	TERRA-FORM Wooden Support Poles, each 40 cm long, 35 pieces
61670	TERRA FORM Prop Plates, 16 parts in total

***60780* Landscaping Basic Equipment Package**

**The stated price advantages refer to the recommended retail prices of NOCH being valid at time of the catalogue printing in September 2026.*



The Ideal Start on the Way to Your Own Model Railway Layout!

Starter Set 'Model Railway Layout Construction'

Having a model railway is one of the nicest hobbies in the world. In addition to an enthusiasm for technology, all things miniature and movement, it's chiefly about creating your own perfect little world. This also makes building a model railway layout a leisure activity the whole family can participate in.
So that you can get building your own model railway quickly and safely, we have put together all the products you'll need to get started in this set.

With this Starter Set and a NOCH easy TRACK Railway Route Kit, you're perfectly equipped to bring your miniature world to life with tunnels, a bridge, meadows, mountains, roads, a lake and lots of decorations. You'll find many other items with which you can design your model railway in the large NOCH range. Just get cracking and let your imagination run wild!



Savings of more than 15 %!*



Once the rails have been laid, tunnel portals and a bridge are installed.



The bridgeheads are clad in wall sheets.



The terrain quickly takes shape with NOCH TERRA-FORM.



Rock compound and paint bring life to the model landscape.



It gets even more realistic with grass fibres and lake film!



Finally, the model landscape is decorated according to your wishes.

Contents of the Starter Set 'Model Railway Layout Construction'
1 x TERRA-FORM Wooden Support Pole, 40 cm long, 35 pieces (ref. 61650)
1 x TERRA-FORM Connector Pieces, 72 pieces (ref. 61630)
2 x Landscape Crepe Paper, 90 cm x 80 cm (ref. 60840)
1 x Rock-Compound 'Granite', Grey, 400 g (ref. 60880)
*2 x Tunnel Portal, Single Track, 2 pieces each** (ref. 60010)*
1 x Box-Girder Bridge (ref. 21320)
3 x 3D Cardboard Sheet 'Quarrystone Wall' (ref. 56640)
2 x 3D Cardboard Sheet 'Old Town Pavement' (ref. 56721)
1 x Acrylic Color, Matt, Gray, 90 ml (ref. 61196)
1 x Acrylic Color, Matt, Light Green, 90 ml (ref. 61194)
1 x Grass Glue, 250 g (ref. 61130)
1 x Puffer Bottle (ref. 08100)
1 x Scatter Grass 'Spring Meadow', 2.5 mm, 100 g (ref. 50210)
1 x Lake Film, Blue, 41 cm x 26 cm (ref. 60850)
1 x Sandstone Boulders, 250 g (ref. 09216)
1 x Mixed Forest, 10 trees, 5 – 14 cm high (ref. 26911)
1 x Lichen, autumn mix, 35 g (ref. 08630)
40 x Grass Tufts, assorted

***4 tunnel portals in total are included in the set.*

H0 ***60804 Starter Set 'Model Railway Layout Construction'***

**The stated price advantages refer to the recommended retail prices of NOCH being valid at time of the catalogue printing in September 2026.*

Get Started Easily with NOCH!

The first step is the easiest. For this to be true, we have put together some practical sets for you. This allows you to get to know the most important materials and methods and that way, you can be sure that you haven't forgotten anything important while shopping. It's time to unpack our useful sets on the following pages and get stuck in! We hope you have lots of fun!



Basic Set 'Modelling'

How do you make getting started with the wonderful hobby of 'model landscaping' as easy and smooth as possible? With the Basic Set 'Modelling'! The package includes everything from creating the ground to flocking and structuring realistic waters, to get you building your own model landscape.

***Note:** the Water-Drops® 'transparent' included in the set are processed while hot. Risk of burns. Please wear gloves.*

0 HO TT N Z

60801 Basic Set 'Modelling'

Contents:
250 g of ballast
100 g of Terrain Paste, beige
200 g of Water-Drops® 'transparent'
50 g of Grass Glue
Puffer Bottle
40 g of Scatter Grass 'Summer Meadow' (length of the grass fibres 2.5 mm)
42 g of Scatter Material, brown
35 g of Lichen
40 grass Tufts, mixed



G 1 0 HO TT N Z



Bestseller!

Scenery Starter Kit

The NOCH Scenery Starter Kit offers everything you need for the initial design phase:

- *For creating rocks: NOCH Rock Compound*
- *For pastures and meadows: Scatter Grass with accompanying Puffer Bottle and Grass Glue to create high-quality grass areas*
- *For initial designs: a Mini Grass Mat, NOCH Scatter Material, Natural Stones as well as high-grade Lichen, 6 Model Fir Trees and 4 Deciduous Trees*

The Scenery Starter Kit is perfectly suited for H0, TT and N gauges.



H0 **TT** **N** **60800** ***Scenery Starter Kit***



Best value!



Start Set Vegetation

Electrostatic grass application gives your model landscape a certain something. With the Start Set Vegetation, this happens in a simple way, since the 2.5 mm-long Scatter Grass from NOCH can easily be applied with the Puffer Bottle.

Note: *to continue modelling, you'll find Grass Glue and Scatter Grasses in many different shades in the large NOCH range.*

07069 ***Start Set Vegetation***
Puffer Bottle, 40 g of Scatter Grass 'Summer Meadow' 2.5 mm long, 50 g of Grass Glue





Mini Start Set Landscaping

The Mini Start Set Landscaping contains a selection of the most popular modelling items with which you can create smaller model landscapes, dioramas or nativity scenes. All products are available to purchase separately to enable you to carry on modelling later.

60803 ***Mini Start Set Landscaping***
Contents: Mini Grass Mat 'Meadow', 28 cm x 22 cm
Scatter Material, medium green and brown, each 10 g
Bag of Lichen, dark green, yellow and red, approx. 12 g each
Cork Rock Piece

easy TRACK®

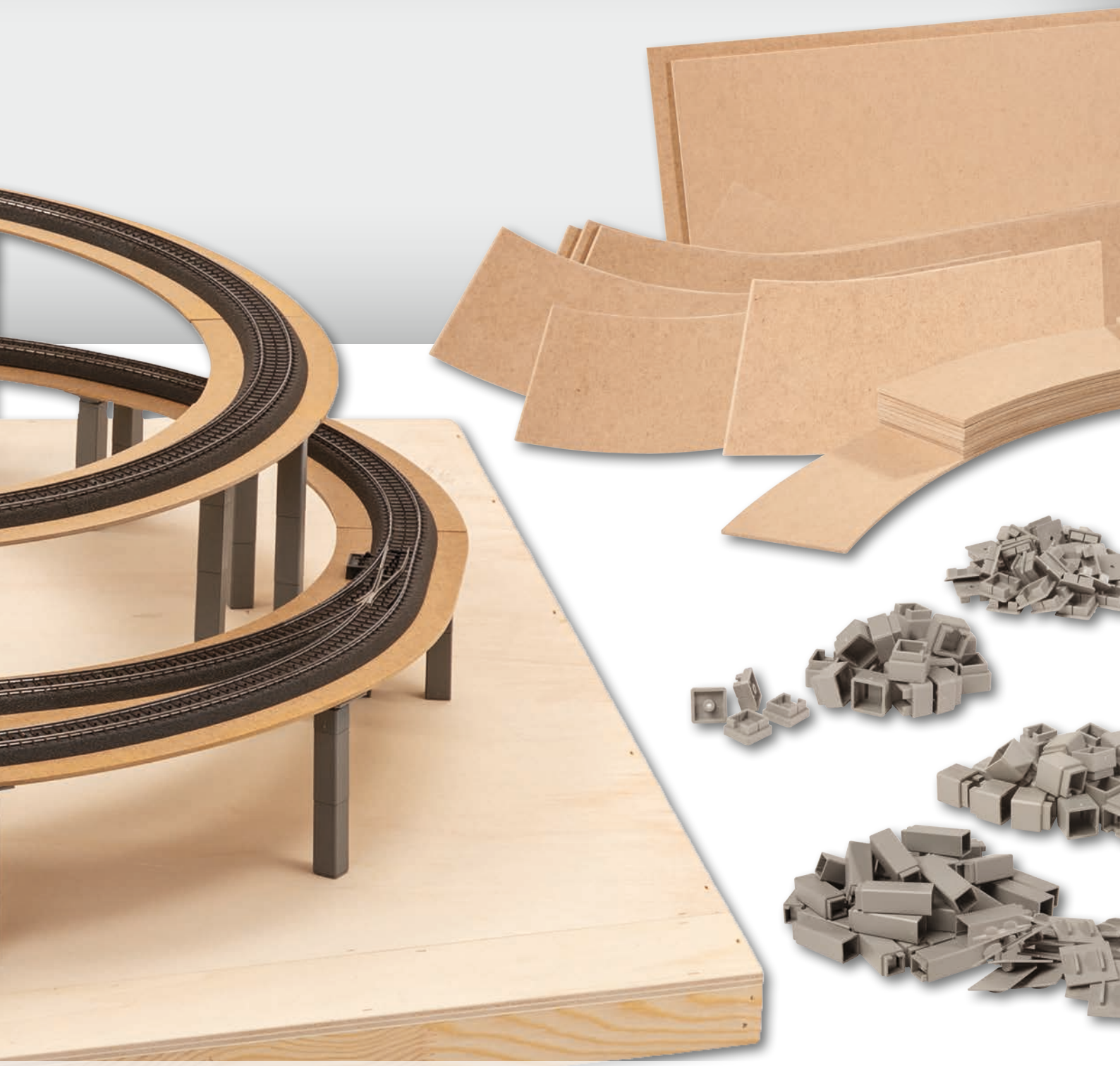




NOCH easy TRACK – the Perfect Way to Your Hobby

easy TRACK takes the technical planning of your model railway layout off your hands. Thanks to the detailed 1:1 track plan, the stable pillars and the precisely cut routes, the reliable framework for your model railway landscape is created quickly and easily.

G 1 0 HO TT N Z



easy TRACK Railway Route Kits

easy TRACK Railway Route Kit 'Karlsberg' – from page 32
• *Dimensions: 190 cm x 120 cm, HO Gauge*

easy TRACK Railway Route Kit 'Theisensee' – from page 38
• *Dimensions: 125 cm x 105 cm, HO Gauge*

easy TRACK Railway Route Kit 'Andreastal' – from page 42
• *Dimensions: 210 cm x 125 cm, HO Gauge*

easy TRACK Railway Route Kit 'St Andreas' – from page 44
• *Dimensions: 220 cm x 161 cm, HO Gauge*

easy TRACK Railway Route Kit 'Martinstadt' – from page 46
• *Dimensions: 250 cm x 150 cm, HO Gauge*

easy TRACK Railway Route Kit 'Albulabahn' – from page 48
• *Dimensions: 200 cm x 100 cm, N Gauge*

easy TRACK Railway Route Kit 'Mittelberg' – from page 52
• *Dimensions: 115 cm x 75 cm, N Gauge*

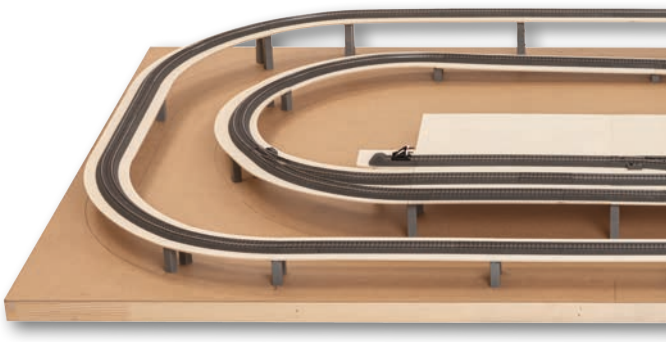
Base System for easy TRACK – ab Seite 54

You'll find a description of our easy TRACK guidebooks on pages 12 – 15 of this catalogue.

NOCH easy TRACK – The Easy Way to a Personalised Layout!

easy TRACK Railway Route Kit 'Karlsberg' HO

easy TRACK is a model railway reconceptualised, because easy TRACK relieves you of the time-consuming and painstaking steps of track planning.
You immediately start building your personalised model railway layout in the size of 190 cm x 120 cm. easy TRACK contains everything you need to get cracking on building the layout: the route segments for your custom dream layout are already pre-cut, the pillars for the route only have to be stuck together, and detailed instructions illustrate how to build the easy TRACK Railway Route System. And of course all the important track plans are included in the Railway Route Kit – see product highlights. All you need are tracks from the manufacturer of your choice and a base plate. Thanks to the well thought out easy TRACK System, building your track layout goes off without a hitch.



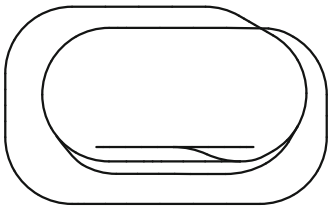
Do you want to find out more about the innovative easy TRACK System from NOCH? Order an easy TRACK guidebook.
More info on pages 12 – 15 in this catalogue.

Contents:
- *1:1 plot track plan*
- *1 easy TRACK 'Andreastal' Guidebook*
- *Track plans for Märklin© C / K Track, Trix C Track, PIKO A Track and Roco Line with and without track bed*
- *57 pillars; maximum pillar height 9.8 cm, minimum pillar height 1.1 cm*
- *6 circle segments 30°*
- *7 circle segments 60°*
- *11 straight route segments*
- *2 station segments*
- *2 point segments*
- *Wood screws*

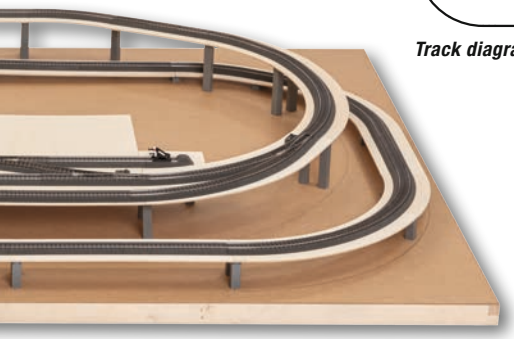


Set-Up Example A

G | 1 | 0 | HO | TT | N | Z



Track diagram







Product Highlights:

- *easy TRACK Railway Route Kit 'Karlsberg'*
- *190 cm x 120 cm*
- *With easy TRACK 'Andreastal' Guidebook*
- *With H0 track plans for:*
  Märklin© C/K Track, Trix C Track, Piko A Track,
  Roco Line with track bed, Roco Line without track bed

Video clip

H0 ***53600 easy TRACK Railway Route Kit 'Karlsberg'***

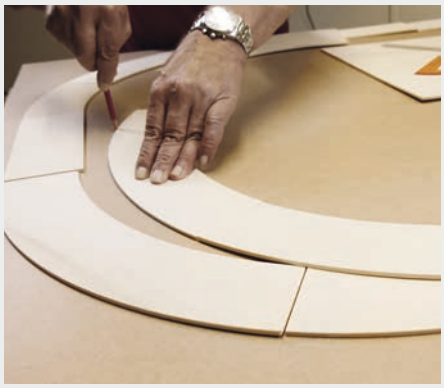
Exterior dimensions of built up routes: 182 cm x 113.5 cm, 11 cm high
Minimum floor space required for assembly: 190 cm x 120 cm



Set-Up Example A

A landscape is built on the foundation of the easy TRACK Railway Route System. With buildings, crafting material, grass fibres, trees, figures and other decorative details out of the large NOCH range, a great model railway layout is quickly and easily created. Equipped with these products, it is very easy for model railway beginners to build their own customised, dream model railway layout.

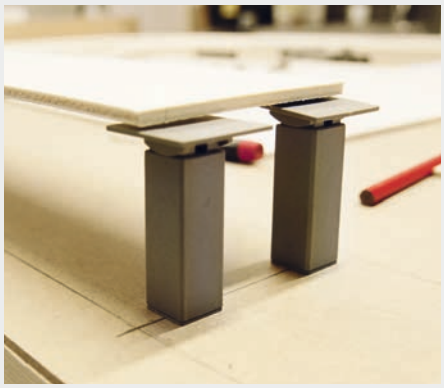




1. The course of the routes is marked on the base plate.



2. At the joins of the rail routes, floor slabs for the pillars are screwed on.



3. The pillars are stuck on as planned and the rail routes affixed with adhesive.

Note: *you'll find a video on how to assemble this model railway layout on the NOCH YouTube channel at www.noch.de/youtube.*





4. The rail route is now fully assembled.



5. The rails are fitted, and the driving operation is tested.



6. Bridges, roads and footprints for the buildings are installed.

Set-Up Example B







7. The landscape is brought into shape with the TERRA-FORM System. This is how mountains, embankments and hills are formed.



8. The framework made of Wooden Support Poles is covered with Landscape Crepe Paper and thus forms the perfect substrate for rocks and meadows.



9. Rock pieces made of a Structured Hard Foam Rock Wall are glued to the particularly steep slopes.

This example set-up by Andreas Theis shows what else you can do with the easy TRACK base if you invest a little more time and acquire the appropriate skills, e.g. by attending NOCH modelling seminars. Many different levels, patinated tracks and buildings, lovingly designed details and countless small scenes will amaze everyone. This also makes the easy TRACK System an ideal basis for advanced and professional modellers!





10. With Modelling Compound, the rock pieces are joined together to make one unit.



11. Ample NOCH Grass Glue is applied in preparation for adding grass.



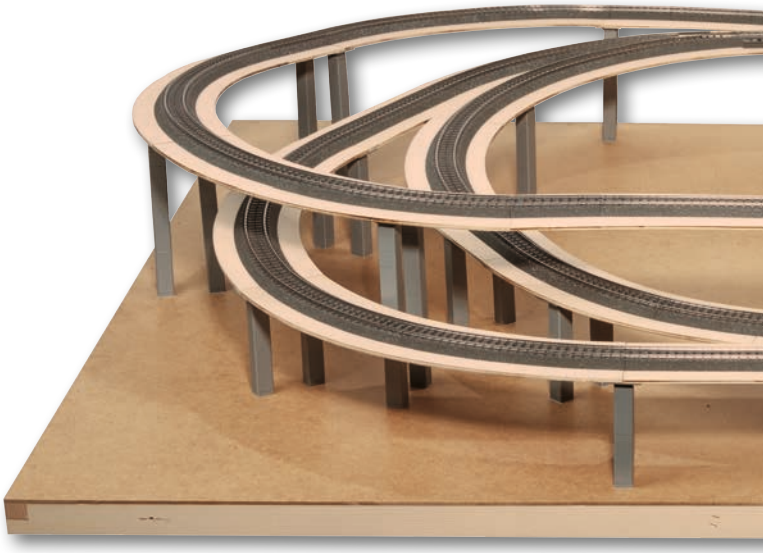
12. The grass fibres are electrostatically flocked in the glue bed with the NOCH Gras-Master.

Small, but Powerful!

easy TRACK Railway Route Kit 'Theisensee' H0

Our partner Andreas Theis has perfectly solved the task of developing a compact layout with an interesting track plan and exciting possibilities for landscaping. The easy TRACK Railway Route Kit 'Theisensee' gives the model railway enthusiast the opportunity to build a custom H0 model railway layout on a compact area of just 1.25 metres x 1.05 metres. If the layout is to be extended, the railway siding connects the new and the previous part of the layout. Of course, bridges and underpasses can also be installed: The point of intersection contained in the track plan is particularly suitable for a bridge and gives the landscape a special eyecatcher. The topic of winter landscapes is becoming more and more popular in landscape modelling. Andreas Theis has therefore built his piece as a winter layout.

Our modeller Azariah Mertens has ventured the summer interpretation of the 'Theisensee' layout. You need to look closely to allocate the same track plan to the two layout variants.



Product Highlights:

- *easy TRACK Railway Route Kit 'Theisensee'*
- *125 cm x 105 cm*
- *With easy TRACK 'Andreastal' Guidebook*
- *With H0 track plans for Märklin© C/K Track TRIX C Track, PIKO A Track Roco Line without track bed*

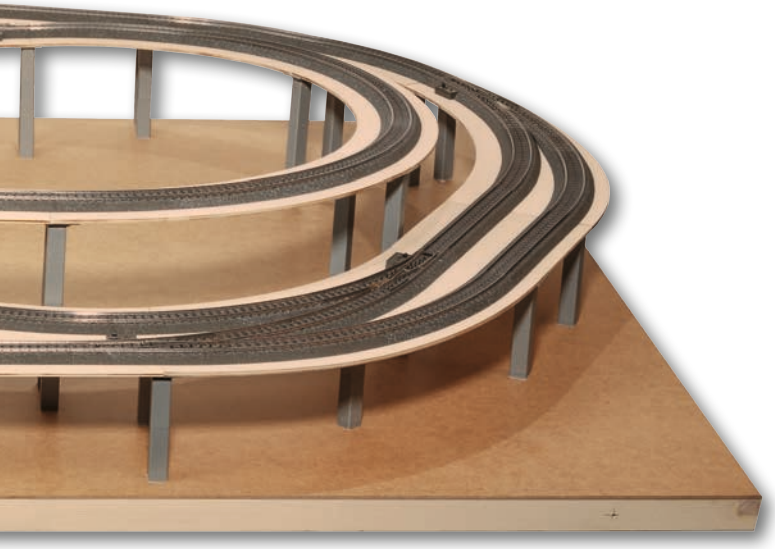
Video clip



Contents:

- *1:1 plot track plan*
- *1 easy TRACK 'Andreastal' Guidebook*
- *Track plans for Märklin© C/K-Track, TRIX C- Track, PIKO A Track and Roco Line without track bed*
- *43 pillars; maximum pillar height 17.4 cm, minimum pillar height 9.2 cm*
- *10 circle segments, 60°, 8 cm wide*
- *2 circle segments, 45°, 8 cm wide*
- *8 straight route segments, 8 cm wide*
- *2 point modules, route connector modules, wood screws*







H0 **53615** ***easy TRACK Railway Route Kit 'Theisensee'***
Outer dimensions of constructed routes: 123 cm x 103 cm, 17.4 cm high
Minimum floorspace required for assembly: 125 cm x 105 cm





Developer and Modeller
Andreas Theis
'Winter' version

easy TRACK Railway Route Kit 'Theisensee' Set-up Example Summer

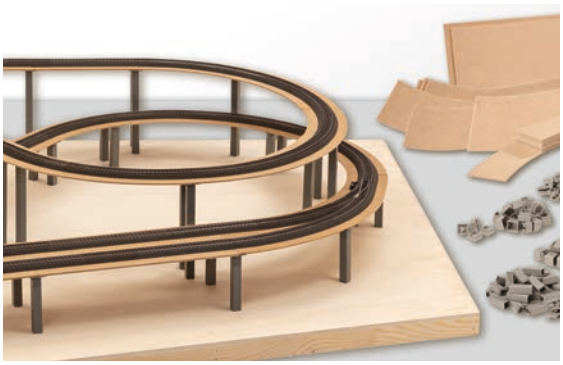
The summer version of the compact 'Theisensee' layout, measuring just 125 cm x 105 cm, is put in the spotlight on this double page. Our modeller Azariah Mertens has constructed this harmonious summer landscape.

Compare the summer and winter variants: isn't it fascinating how many avenues the easy TRACK system opens up for customising your model landscape?

This is easy TRACK

easy TRACK is a model railway reconceptualised, because easy TRACK relieves you of the time-consuming steps of track planning. You immediately start building your personalised dream layout in the size of 125 cm x 105 cm.
easy TRACK contains everything you need to get cracking on building the track layout: the routes for your custom model railway layout are already pre-cut and the pillars for the route only have to be stuck together. Even a 1:1 layout plan is included in the kit. Finally, detailed instructions illustrate how to assemble the easy TRACK railway route system.
And of course all the important track plans are included in the Railway Route Kit. All you need are rails from the manufacturer of your choice and a base plate. Thanks to the well thought out easy TRACK system, building your track layout goes off without a hitch.







easy TRACK®





NOCH Modeller
Azariah Mertens
'Summer' version

NOCH easy TRACK – As Individual as You Are!

easy TRACK Railway Route Kit 'Andreastal' H0

'Andreastal' is an attractive H0 layout measuring 210 cm x 125 cm and conceived by landscaping professional Andreas Theis. The easy TRACK kit contains everything you need to get cracking on building the layout: the route segments for your custom dream layout are already pre-cut, the pillars for the route only have to be stuck together. The perfect crafting guide is the 120-page easy TRACK 'Andreastal' Guidebook, which can also be found in the kit. All the important track plans are also included, of course. All you need are rails from the manufacturer of your choice and a base plate. Thanks to the well thought out easy TRACK System, building your track layout goes off without a hitch.



Product Highlights:

- *easy TRACK Railway Route Kit 'Andreastal'*
- *210 cm x 125 cm*
- *With easy TRACK 'Andreastal' Guidebook*
- *With H0 track plans for Märklin© C Track and Märklin© K Track, Trix C Track, PIKO A Track, Roco Line without track bed*

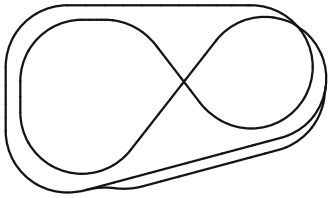
Video clip

Contents:

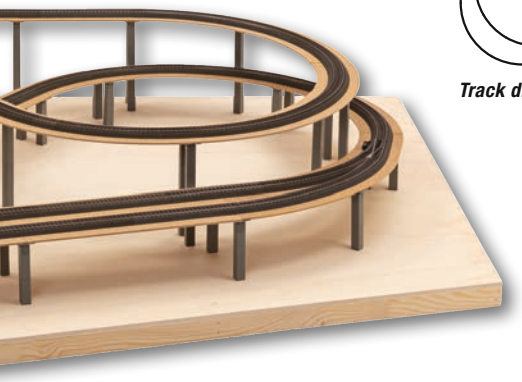
- *1:1 Plot Track Plan*
- *1 easy TRACK 'Andreastal' Guidbook*
- *Track plans for Märklin© C/K Track, TRIX C Track PIKO A Track and Roco Line without track bed*
- *59 Pillars, maximum pillar height 19.5 cm; minimum pillar height 11.5 cm*
- *2 Circle Segments, 30°, 9 Circle Segments, 60°*
- *9 Straight Route Segments, 9 Curved Route Segments, Wood Screws*



G 1 0 HO TT N Z



Track diagram

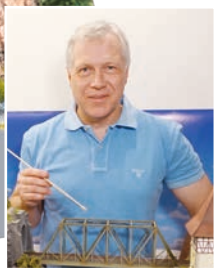


Do you want to find out more about the innovative easy TRACK System from NOCH? Order an easy TRACK guidebook.
More info on pages 12 – 15 in this catalogue.



H0 **53605** ***easy TRACK Railway Route Kit 'Andreastal'***
Outer dimensions of constructed routes: 195.5 cm x 117 cm
Minimum floorspace required for assembly: 210 cm x 125 cm





Modelling Pro
Andreas Theis

Build Your Dream Layout

easy TRACK Railway Route Kit 'St Andreas' H0

The easy TRACK Railway Route Kit 'St Andreas' designed as an L-shaped layout and has an overall length of at least 219 cm with a width of the L-shaped leg of 160 cm. The centre section has a width of 116 cm.

The exciting track plan includes some special features:
A long parade line runs clearly visible along the edge of the layout so that long train sets can also be presented effectively.
The station track is designed as a long parallel track so that this train set can be parked in the station area. This allows a second train to pass through the station unhindered.
Two shunting tracks provide for interesting shunting operations.
The enclosed 1:1 track plan plan shows a suggestion for the entrance to a possible staging yard. (Tracks and supports for this are not included in the kit!)

The track plan allows many possibilities for the installation of bridges, as longer sections of track are horizontal and do not lie in the gradient area. In the layout example shown here, a mighty viaduct has been installed in the front area of the landscape, which makes the layout appear much larger. This module protrudes approx. 30 cm below the layout plate and can be dismantled.
This is just an example, the easy TRACK kit can of course also be built on a simple, flat plate.
The 'St Andreas' is a sophisticated easy TRACK Railway Route Kit that allows a great deal of freedom in landscape design and promises exciting possibilities for both beginners and advanced model railway enthusiasts.

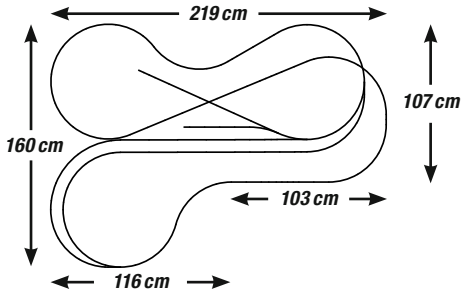


HO **53620** ***easy TRACK Railway Route Kit 'St Andreas'***
Outer dimensions of constructed routes: 219 cm x 160 cm x 116 cm
Minimum floorspace required for assembly: 220 cm x 161 cm



Contents:
- *1:1 plot route plan*
- *1 easy TRACK 'Andreastal' Guidebook*
- *Track plans for Märklin® C Track and Märklin® K Track, Trix C Track, Piko A Track and Roco Line without track bed*
- *74 pillars, maximum pillar height 16.5 cm, minimum pillar height 7.1 cm*
- *9 straight route segments, 8 cm wide*
- *2 station segments, 23.8 cm wide*
- *8 circle segments 60°, 8 cm wide*
- *2 circle segments 60°, 16 cm wide*
- *1 circle segment 30°, 8 cm wide*
- *1 circle segment 30°, 16 cm wide*
- *7 special circle segments, 8 cm wide*
- *3 point segments*
- *Wood screws*





Track diagram

Product Highlights:

- easy TRACK Railway Route Kit 'St Andreas'
- 220 cm x 161 cm
- With easy TRACK 'Andreastal' Guidebook
- With H0 track plans for Märklin® C Track and Märklin® K Track, Trix C Track, Piko A Track and Roco Line without track bed

Video clip



Modelling Pro
Andreas Theis

Developed by a Pro to Make It Easy for You to Get Started!

easy TRACK Railway Route Kit 'Martinstadt' HO

The well-known YouTuber Martin Tärnrot has developed his own easy TRACK layout exclusively for NOCH. And it has what it takes! The well-conceived route plan invites you to drive, shunt, transport goods and travel by train. As well as a winding circuit, sidings are earmarked for the railway station area. Industrial complexes can thus be connected, or a small station can be reached. There's no limit to your imagination when it comes to implementing your ideas.
The building of the layout is presented in detail on the NOCH YouTube channel in the playlist Online video seminar: easy TRACK Railway Route Kit 'Martinstadt'. In addition to a track plan and the necessary railway route segments and pillars, the kit also contains the easy TRACK 'Andreastal' Guidebook, which explains the basic idea and building principles of the easy TRACK system.



Product Highlights:

- *easy TRACK Railway Route Kit 'Martinstadt'*
- *250 cm x 150 cm*
- *With easy TRACK ‚Andreastal' Guidebook*
- *With H0 track plans for Märklin© C Track and Märklin© K Track, Trix C Track, PIKO A Track, Roco Line without track bed*

Video clip

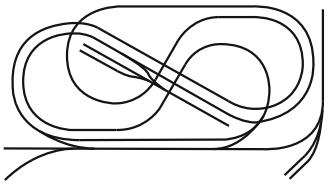


Content:

- *1:1 plot track plan*
- *1 easy TRACK 'Andreastal' Guidbook*
- *Track plans for Märklin© C/K Track, Trix C Track, PIKO A Track and Roco Line without track bed*
- *pillars, maximum pillar height 13.4 cm, minimum pillar height 2.6 cm*
- *8 circle segments, 30°, 80 cm wide*
- *3 circle segments, 30°, 160 cm wide*
- *7 circle segments, 60°, 80 cm wide*
- *5 circle segments, 60°, 160 cm wide*
- *12 straight route segments, 80 cm wide*
- *9 straight route segments, 160 cm wide*
- *3 point segments*
- *1 compensation segment*
- *Wood screws*

Besides individual parts for assembling the railway route system, the kit also contains the easy TRACK Guidebook 'Andreastal', in which the construction of a layout is clearly explained step by step.

Do you want to find out more about the innovative easy TRACK System from NOCH? Order an easy TRACK guidebook.
More info on pages 12 – 15 in this catalogue.



Track diagram





H0 ***53610*** ***easy TRACK Railway Route Kit 'Martinstadt'***
Outer dimensions of constructed routes: 243 cm x 148 cm
Minimum floorspace required for assembly: 250 cm x 150 cm





YouTuber
Martin Tärnrot

Where a Railway Modeller's Dreams Come True!

easy TRACK Railway Route Kit 'Albula Railway' N

The floorspace of the 'Albula Railway' of at least 200 cm x 100 cm offers N gauge fans a lot of room to implement a railway circuit with crossing rail traffic in 1:160 scale. The clever track plan offers the option to build a fiddle yard or a double-track bypass. A headshunt is provided in the goods yard. This small detail takes the railway modelling fun to a whole new level, because the locomotive of an incoming train can be hitched from the front to the rear and then pull the wagons out of the goods yard again – just like the original!

The very large station area is modelled on the track diagram of Bergün Station in Switzerland. With the 'Bergün' Station (page 240 in this catalogue), 'Bergün' Locomotive Shed (page 241) and the 'Brombenz Viaduct' (page 84) kits that are available separately, particularly defining points of the 'Albula Railway' can be perfectly reproduced in a model.

In the NOCH Guidebook easy TRACK 'Albula Railway' (in German), we have shown you step by step in text and pictures how the layout is built. Each kit comes with a guidebook, but it can also be ordered separately at www.noch.com before starting the building project. You will find more information about this guidebook on page 14 in this catalogue.





71901 ***Guidebook easy TRACK 'Albula Railway' for N***
German, 100 pages

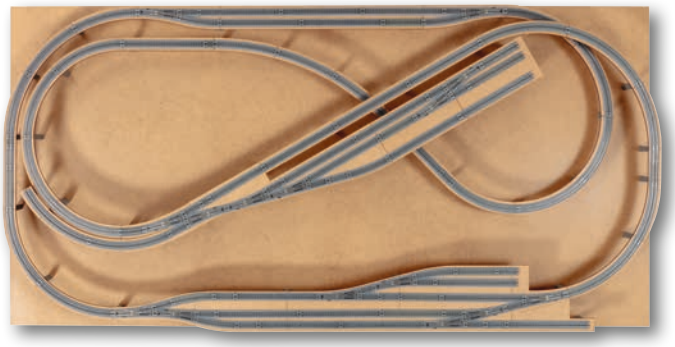
Product Highlights:

- *easy TRACK Railway Route Kit 'Albulabahn'*
- *200 cm x 100 cm*
- *With easy TRACK Guidebook 'Albulabahn'*
- *With N track plans for KATO UNITRACK, Minitrix®, Fleischmann with ballast bed (piccolo) and Fleischmann without ballast bed*



Contents:

- *1:1 plot track plan*
- *1 Guidebook easy TRACK 'Albula Railway for N Gauge', German*
- *Track plans for KATO UNITRACK, Minitrix®, Fleischmann with ballast bed (piccolo) and Fleischmann without ballast bed*
- *62 pillars; maximum pillar height 12.7 cm, minimum pillar height 0.6 cm*
- *15 circle segments, 45°, 4 cm wide*
- *5 circle segments, 30°, 4 cm wide*
- *4 circle segments, 15°, 4 cm wide*
- *7 straight route segments, 4 cm wide*
- *14 railway station modules*
- *Wood screws*





N **53705** ***easy TRACK Railway Route Kit 'Albula Railway'***
Outer dimensions of constructed routes: 199 cm x 99 cm
Minimum floorspace required for assembly: 200 cm x 100 cm



NOCH Modeller
Azariah Mertens

On a floorspace of 210 cm x 115 cm, I have chosen classic model railway subjects and further emphasised them by consciously placing opposites in close proximity to each other. A huge mountain massif is built upon the double-track fiddle yard. Due to the combination, with a valley lowered to the bottommost level, through which a bridge crosses and at the bottom of which a hotel building stands, the rock faces appear even higher and mightier. In contrast, with the route and station area in front of it, the central track layout is imposing but not obtrusive. This consciously used 'gigantism' makes buildings, trains, figures and trees appear even more delicate, especially in the small N gauge. I paid particular attention to giving the landscape a realistic design, e.g. by spraying the fir trees with black acrylic spray. Light and dark grass fibres were optically combined in the green areas to create realistic meadows and pastures. In this way, while observing and daydreaming, model and reality become blurred, and you catch yourself thinking about standing on a high mountain peak and looking at real little villages, trains and people in the valley, instead of in front of your own model railway layout in 1:160 scale in your hobby room.



easy TRACK Railway Route Kit 'Albula Railway' Set-up Example of Florian Giwanski



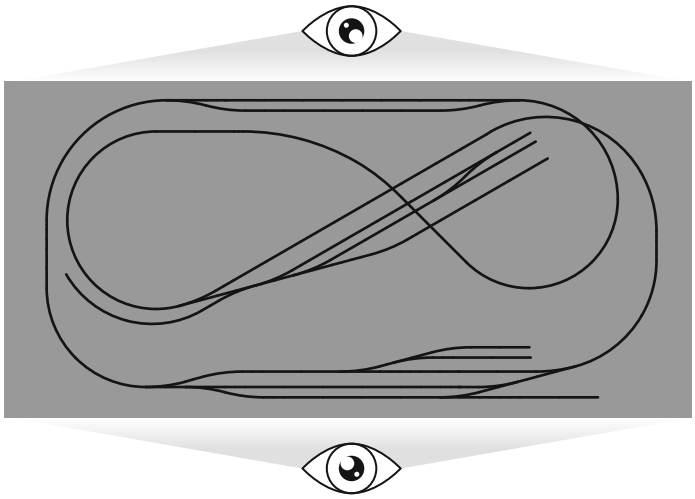
NOCH Developer and Modeller Florian Giwanski

The catalyst for this project was an old special issue about the Albula Railway from 1988, which examined the railway line between Landquart–Davos–Filisur. I quickly got the impression from the 2024 annual focus theme of 'Around the World' that I wanted to replicate that in a model. After some research, the choice ultimately fell on adopting the station area at Bergün prior to its renovation in 2013 as the centrepiece of this track plan in my favourite gauge, N. This is how the easy TRACK Railway Route Kit 'Albula Railway' was created. The project is ideally complemented by the NOCH Laser-Cut Kits 'Bergün' Station (page 240), 'Bergün' Locomotive Shed (page 241) and the 'Brombenz Viaduct' (page 84)

My layout is built on a floorspace of 225 cm x 125 cm and its Swiss mountain landscape offers a great platform for KATO models. A special highlight is the separation of the floorspace by the backdrop located almost in the middle. As a result, the landscape merges into the vastness of the background and leaves room for countless beautiful, detailed views when you follow the rail traffic around the layout.



View side B



View side A







Easily Design Customised Model Railway Layouts

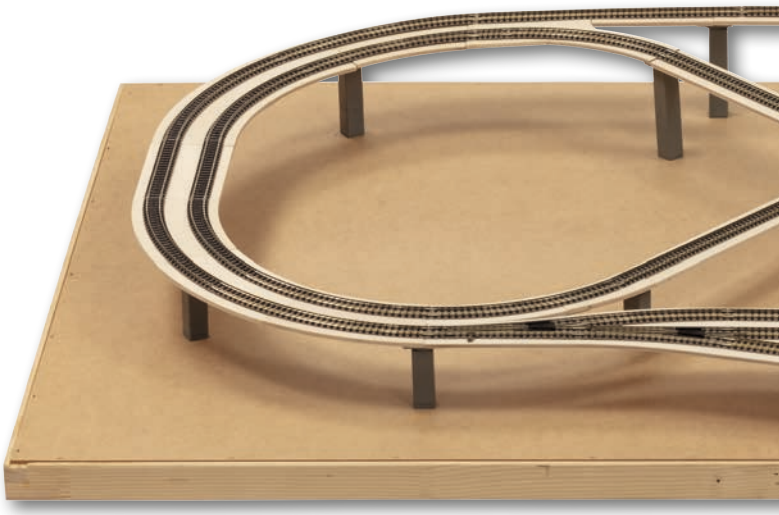
As with every easy TRACK Kit, the easy TRACK Railway Route Kit 'Albula Railway' takes care of planning the track layout for you. It was particularly important to us to integrate gradients of a maximum of 2.9 % into the track plan for this large N gauge layout. This ensures that even long train sets that can be accommodated on the layout can overcome height differences without any hassle. We recommend using KATO UNITRACK tracks as this system has uniquely large radii to offer.



Lots of Driving Pleasure in a Small Space

easy TRACK Railway Route Kit 'Mittelberg' N

With the easy TRACK Kit 'Mittelberg', we are introducing a wonderful layout kit for N gauge. The varied route goes not only around the model railway landscape but also across it. A change of direction without a reverse loop makes the track plan exciting. A passing loop, a siding and the beautiful course of the route provide plenty of variety during operation. The layout can be operated analogue with two trains, which can alternate between doing their laps. In digital operation, the route network is large enough for two trains to do their laps simultaneously without disturbing each other.



Product Highlights:

- *easy TRACK Railway Route Kit 'Mittelberg'*
- *115 cm x 75 cm*
- *With easy TRACK 'Albulabahn' and 'Andreastal' Guidebook*
- *With track plans for Minitrix, Fleischmann with ballast bed (piccolo), Fleischmann without ballast bed, KATO Unitrack*



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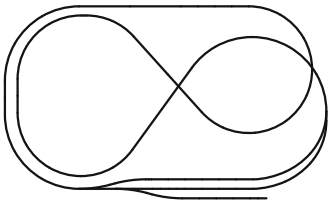
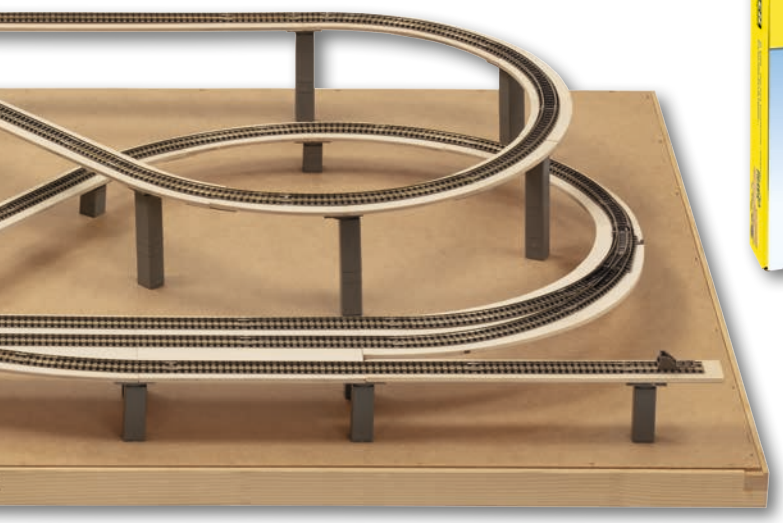


Track diagram





N ***53700*** ***easy TRACK Railway Route Kit 'Mittelberg'***
Outer dimensions of constructed routes: 110 cm x 64 cm
Minimum floorspace required for assembly: 115 cm x 75 cm

Contents:

- *1:1 plot track plan*
- *1 easy TRACK 'Albulabahn'*
- *1 easy TRACK 'Andreastal' Guidebook*
- *Track plans for Minitrix, Fleischmann with ballast bed (piccolo), Fleischmann without ballast bed, KATO Unitrack*
- *21 pillars; maximum pillar height 9.6 cm, minimum pillar height 3.1 cm*
- *5 circle segments, 24°*
- *17 circle segments, 30°*
- *5 straight route segments*
- *3 special route segments*
- *2 point segments*
- *Wood screws*

In addition to the individual parts for constructing the Railway Route System, the kit also contains the easy TRACK Guidebook Albulba Railway and 'Andreastal', which explain both how to build an easy TRACK Railway Route Kit by way of example.



Do you want to find out more about the innovative easy TRACK System from NOCH?
Order an easy TRACK guidebook.
More info on pages 12–15 in this catalogue.



NOCH Modeller
Azariah Mertens
'Summer' version



The foundation for model railway dreams

easy TRACK Base System

The easy TRACK is already making tracklaying significantly easier, more predictable and more convenient. The new modular Base System takes this concept a step further: you get a well-designed foundation that provides the perfect framework for your easy TRACK kit – stable, high-quality and ideally suited to the rest of your tracklaying project.

Modular planning, simple construction

The five interlocking cabinet sizes and two selectable table legs heights open up new possibilities for planning and designing your layout. Whether compact, extended or customised — everything comes together to form a well-thought-out system. This makes getting started with layout construction even less stressful, allowing you to focus more quickly on what you really enjoy: creating your own model railway world.

At the same time, you benefit from a neat installation height, a secure construction and a clear modular structure that makes future extensions much easier. Cables, technical components and accessories can be integrated more effectively, whilst the entire layout appears tidier, more stable and more professional.



53980 ***easy TRACK Base Module***
Dimensions: 25 cm x 25 cm x 10 cm



53981 ***easy TRACK Base Module***
Dimensions: 50 cm x 25 cm x 10 cm



53982 ***easy TRACK Base Module***
Dimensions: 50 cm x 50 cm x 10 cm

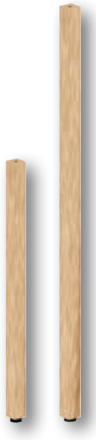


53983 ***easy TRACK Base Module***
Dimensions: 100 cm x 25 cm x 10 cm



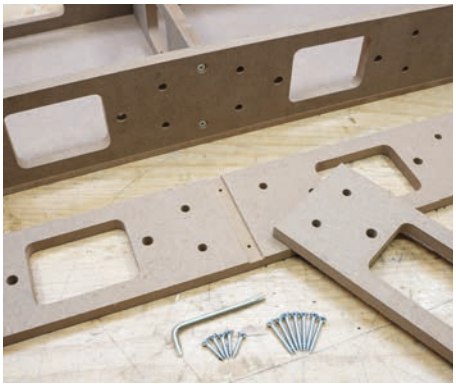
53984 ***easy TRACK Base Module***
Dimensions: 100 cm x 50 cm x 10 cm

Contents of the easy TRACK Base System:
- *Cabinet module as a kit*
- *Suitable screws*
- *Wood glue and assembly instruction*

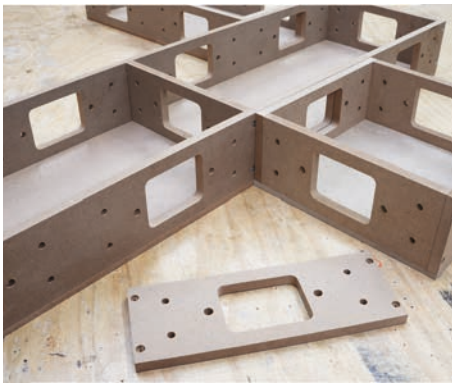


53996 ***easy TRACK Base Table Legs, short***
Dimensions: 4.5 cm x 4.5 cm x 80 cm
Contents: 2 items, including suitable screws, with levelling feet to compensate for uneven floors

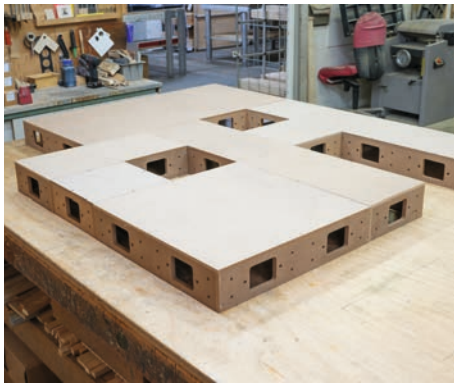
53997 ***easy TRACK Base Table Legs, long***
Dimensions: 4.5 cm x 4.5 cm x 120 cm
Contents: 2 items, including suitable screws, with levelling feet to compensate for uneven floors



Precision for the home: The modules, which have been milled to fit perfectly, just need to be assembled. This means that time-consuming frame construction is now a thing of the past.



Can be combined anywhere: thanks to the recurring basic element, each module can be connected to any other module.

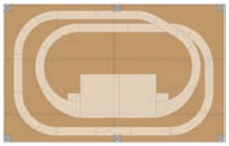
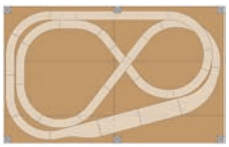
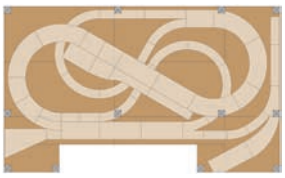
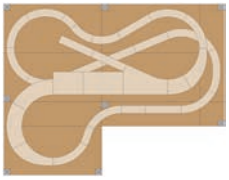


Complete flexibility: Thanks to the range of sizes, each of which fits to the previous one, every modelling project can be planned individually to suit your specific requirements.

The right base for every model kit

The assembly overview shows which Base Modules are required for each easy TRACK Railway Route Kit and how they are combined. This makes it clear at a glance which modules are intended for which kit and how a stable, compatible and dimensionally coordinated base is created for the rest of the layout set-up.

***Note:** the positions specified in the assembly plan and the stated number of table legs must be strictly adhered to. Any deviation, misalignment or insufficient support may compromise the stability and load-bearing capacity of the base structure.*

ref / Gauge	Name	Modules required	Dimensions	Drawing
53600, Gauge H0	Railway Route Kits 'Karlsberg'	4x 53984 2x 53983 3x 53996 (Pack of 2)	2 x 1,25 m	
53605, Gauge H0	Railway Route Kits 'Andreastal'	4x 53984 2x 53983 3x 53996 (Pack of 2)	2 x 1,25 m	
53610, Gauge H0	Railway Route Kits 'Martinstadt'	5x 53984 2x 53983 1x 53982 1x 53981 1x 53980 6x 53996 (Pack of 2)	2,5 x 1,5 m	
53615, Gauge H0	Railway Route Kits 'Theisensee'	2x 53984 2x 53983 1x 53980 2x 53996 (Pack of 2)	1,25 x 1,25 m	
53620, Gauge H0	Railway Route Kits 'St. Andreas'	5 x 53984 3 x 53983 1 x 53980 4 x 53996 (Pack of 2)	2,25 x 1,75 m	
53700, Gauge N	Railway Route Kits 'Mittelberg'	1x 53984 1x 53983 1x 53981 1x 53980 2x 53996 (Pack of 2)	1,25 x 0,75 m	
53705, Gauge N	Railway Route Kits 'Albulabahn'	4x 53984 3x 53996 (Pack of 2)	2 x 1 m	



Perfect and Stable Landscape and Route Construction

You lay the foundation for your model railway layout and for the later landscape design with the terrain substructure and the routes. You will find the right products in this chapter.

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Landscape and Track Construction

easy TRACK Individual – from page 58
• *Perfect an stable terrain subtructure for your model railway layout*

easy TRACK Helix – from page 62
• *NOCH easy TRACK Helix for overcoming height differences*

NOCH TERRA-FORM System – from page 66
• *Quick and easy assembly of a landscaping framework*

Landscaping Material – from page 68
• *Landscaping Wire Mesh, Landscape Crepe Paper, Rock and Modelling Compound, Modelling Plaster Cloths*

Cork Track Beds – page 71
• *Easy to lay, great sound insulation*

Ballast and Natural Stones – from page 72
• *Ballast and stones for realistic model landscapes*

Track Cleaning and useful Accessories – from page 74
• *Helpful accessories: PROFI Foam Train Service Tray, Foam Ramps, Cable Ties*
• *Handy tools for rail cleaning*

NOCH Tools – from page 76
• *A range of tools specially designed for model railway enthusiasts*

easy TRACK®

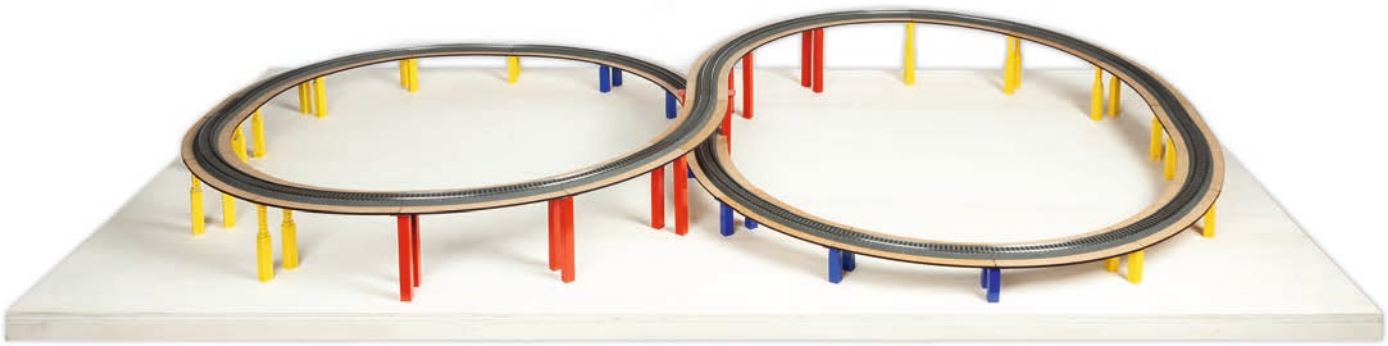


Build Your Custom Model Railway Layout!

easy TRACK Individual

No matter whether you're developing your own layout plan or extending a well-known easy TRACK Railway Route kit, this system offers everything you'll need. Based on the Märklin®/Trix® C-Track, you'll find all the components you need to realise your model railway layout. And above all, it's quick and seamless, because the routes are precisely lasered and ready for immediate installation.

Due to our extensive pillar system, you are now lord of the inclines: whether it's a shallow incline for long trains or a steep incline for mountain railways, everything is possible with easy TRACK Individual. You can either fall back on the predefined sets or choose completely freely. Exactly what we said. It's highly 'individual'.



The Pillar Sets 'Bottom', 'Incline' and 'Top' have been colored blue, yellow and red in the illustration for better understanding.

The Pillars – Total Flexibility

When defining the individual pillar parts, we reverted to the heights we already knew from the railway route kits. easy TRACK Individual is therefore familiar territory for easy TRACK experts. What's interesting are the height-adjustable Pillars (ref. 53943), which you can use to adjust the height of the routes from 80 mm to 138 mm to suit your individual needs. These pillars guarantee total flexibility for your custom building project.

If the Viaduct Connector (ref. 53910) cannot be used for structural reasons or because of the gradient, the Connecting Element (ref. 53911) will help you to connect individual routes to one another in a stable manner. easy TRACK Individual elements not only leave a lot of scope for designing a fascinating route, but above all, the sky's the limit when it comes to your imagination.

With our predefined Pillar Sets, we make it easy for you to start using the system. You can choose between 'Pillar Set, Bottom' (ref. 53940), 'Pillar Set, Incline' (ref. 53941) and 'Pillar Set, Top' (ref. 53942). This inherently consistent system not only offers the ideal clearance height of 8.7 cm but can also be conveniently connected using the incline set. You determine the incline yourself by selecting the distance between individual supports.

With the easy TRACK Double-Deck Pillar Set, the upper and lower tracks can be routed one above the other on a single pillar to save space. This creates exciting multi-storey track layouts. The available layout space can be utilised to the full and, thanks to the precisely defined distance between the levels, in a safe manner.

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The Pillar Range at a Glance



53900
easy TRACK Base Plate 1 mm
Contents: 10 pieces, including mounting screws
Part number: 04101
Dimensions: 16 mm x 16 mm x 1 mm



53901
easy TRACK Base Plate, 4 mm
Contents: 10 pieces, including mounting screws
Part number: 04104
Dimensions: 16 mm x 16 mm x 4 mm



53902
easy TRACK Pillar Element, 7.25 mm
Contents: 10 pieces
Part number: 04207
Dimensions: 16 mm x 16 mm x 7.25 mm



53903
easy TRACK Pillar Element, 9 mm
Contents: 10 pieces
Part number: 04223
Dimensions: 16 mm x 16 mm x 9 mm



53904
easy TRACK Pillar Element, 14.5 mm
Contents: 10 pieces
Part number: 04220
Dimensions: 16 mm x 16 mm x 14.5 mm



53905
easy TRACK Pillar Element, 29 mm
Contents: 10 pieces
Part number: 04243
Dimensions: 16 mm x 16 mm x 29 mm



53906
easy TRACK
Pillar Element, 43.5 mm
Contents: 10 pieces
Part number: 04221
Dimensions: 16 mm x 16 mm x 43.5 mm



53907
easy TRACK
Pillar Element, 58 mm
Contents: 10 pieces
Part number: 04258
Dimensions: 16 mm x 16 mm x 58 mm



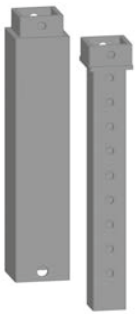
53908
easy TRACK
Pillar Element, 72.5 mm
Contents: 10 pieces
Part number: 04272
Dimensions: 16 mm x 16 mm x 72.5 mm



53910
easy TRACK Viaduct Connector
Contents: 10 pieces
Part number: 04500
Dimensions: 30 mm x 30 mm x 8.5 mm



53911
easy TRACK Route Connecting Element
Contents: 10 pieces
Part number: 04501
Dimensions: 30 mm x 80 mm x 2 mm



53943
easy TRACK
Pillars, Height-Adjustable
Contents: 10 pieces, Including mounting screws
Part number: 04272, 04273
Dimensions: 80 mm – 138 mm

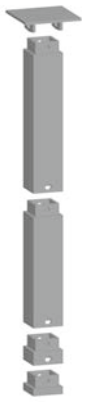
easy TRACK Pillar Sets



53940 ***easy TRACK Pillar Set, Bottom***
Contents: 10 pillars
consisting of:
• 10 x 04104 (ref. 53901)
• 10 x 04207 (ref. 53902)
• 10 x 04221 (ref. 53906)
• 10 x 04500 (ref. 53910)
Including mounting screws
Total pillar height: 63.25 mm



53941 ***easy TRACK Pillar Set, Incline***
Contents: 14 pillars
consisting of:
• 14 x 04104 (from ref. 53901)
• 4 x 04207 (from ref. 53902)
• 2 x 04221 (from ref. 53906)
• 2 x 04258 (from ref. 53907)
• 10 x 04272 (from ref. 53943)
• 10 x 04273 (from ref. 53943)
• 14 x 04500 (from ref. 53910)
Including mounting screws
Total pillar height: 63.25 mm – 150.25 mm



53942 ***easy TRACK Pillar Set, Top***
Contents: 10 pillars
consisting of:
• 10 x 04104 (ref. 53901)
• 10 x 04207 (ref. 53902)
• 10 x 04258 (ref. 53907)
• 10 x 04272 (ref. 53908)
• 10 x 04500 (ref. 53910)
Including mounting screws
Total pillar height: 150.25 mm



53944 ***easy TRACK Double Deck Pillar Set***
Contents: 10 pillars
consisting of:
• 10 x 04104 (ref. 53901)
• 10 x 04213 (ref. 53903)
• 50 x 04210 (ref. 53904)
• 10 x 04233 (ref. 53906)
• 20 x 04400
Including mounting screws
Dimensions:
Height of lower level: 63.25 mm
Height of upper level: 150.25 mm
Total pillar height: 160.50 mm

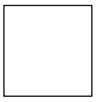
The Routes – Perfect Geometry

easy TRACK Individual offers you the right routes for all important tracks and points, perfectly tailored to the Märklin®/Trix® C-TRACK. The width of the routes, which is specially adapted to the track geometry of the C-TRACK, is 77.5 mm for single-track routes; the double-track routes are 155 mm.

The railway route packages 53800 to 53844 each contain six routes.



53800 ***easy TRACK Route, straight, 64 mm***
Contents: 6 pieces
Suitable for Märklin C-Track 24064
Dimensions: 64 mm x 77.5 mm x 4 mm



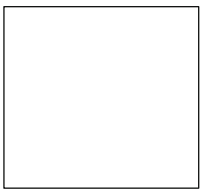
53801 ***easy TRACK Route, straight, 77 mm***
Contents: 6 pieces
Suitable for Märklin C-Track 24077
Dimensions: 77 mm x 77.5 mm x 4 mm



53802 ***easy TRACK Route, straight, 94 mm***
Contents: 6 pieces
Suitable for Märklin C-Track 24094
Dimensions: 94 mm x 77.5 mm x 4 mm



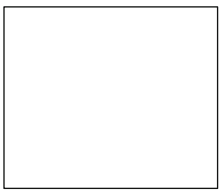
53803 ***easy TRACK Route, straight, 172 mm***
Contents: 6 pieces
Suitable for Märklin C-Track 24172
Dimensions: 172 mm x 77.5 mm x 4 mm



53804 ***easy TRACK Route, straight, 172 mm double track***
Contents: 6 pieces
Suitable for Märklin C-Track 24172
Dimensions: 172 mm x 155 mm x 4 mm

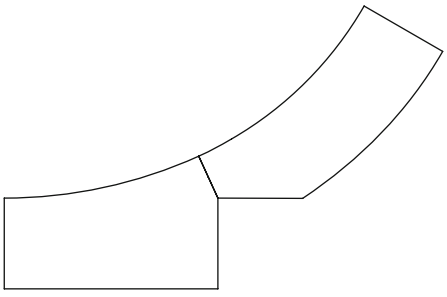


53805 ***easy TRACK Route, straight, 188 mm***
Contents: 6 pieces
Suitable for Märklin C-Track 24188
Dimensions: 188 mm x 77.5 x 4 mm

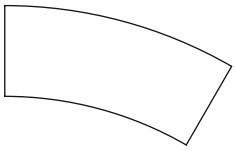


53806 ***easy TRACK Route, straight, 188 mm double track***
Contents: 6 pieces
Suitable for Märklin C-Track 24188
Dimensions: 188 mm x 155 mm x 4 mm

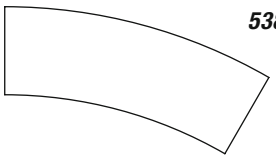
53880 ***easy TRACK Turnout Set 611_612***
Contents: 2 sets
Suitable for Märklin C-Track 24611/24612
Branch: 1 x 24130, 1 x 24206



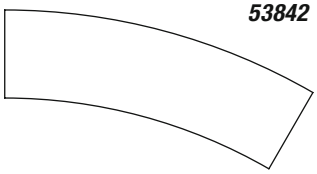
The turnout sets each contain the routes for two switch combinations. The 'Turnout Set' (ref. 53880) is the solution for routing a branch line with straight points. With the 'Curved Turnout Set' (ref. 53881), a branch line can even be created in tight spaces.



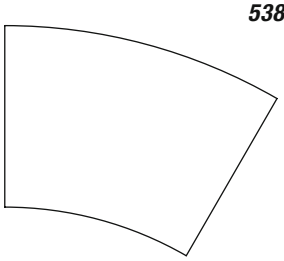
53840 ***easy TRACK Route, curved, R1***
Contents: 6 pieces
Suitable for Märklin C-Track 24130
Dimensions of inner radius: 321.25 mm
Dimensions of outer radius: 398.75 x 4 mm



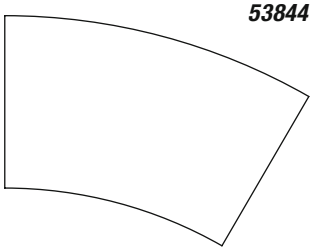
53841 ***easy TRACK Route, curved, R2***
Contents: 6 pieces
Suitable for Märklin C-Track 24230
Dimensions of inner radius: 398.75 mm
Dimensions of outer radius: 476.25 x 4 mm



53842 ***easy TRACK Route, curved, R3***
Contents: 6 pieces
Suitable for Märklin C-Track 24330
Dimensions of inner radius: 476.25 mm
Dimensions of outer radius: 553.75 x 4 mm

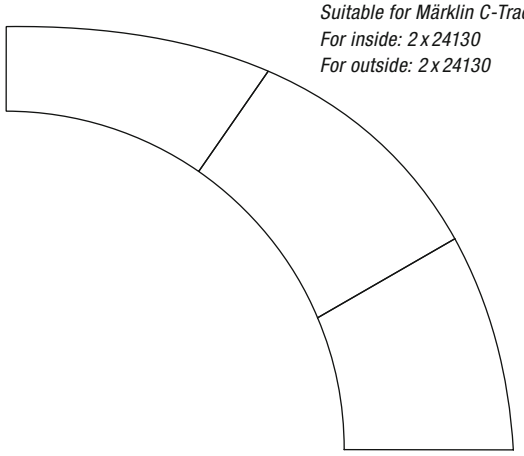


53843 ***easy TRACK Route, curved, R1_R2***
Contents: 6 pieces
Suitable for Märklin C-Track 24130/24230
Dimensions of inner radius: 321.25 mm
Dimensions of outer radius: 476.25 x 4 mm



53844 ***easy TRACK Route, curved, R2_R3***
Contents: 6 pieces
Suitable for Märklin C-Track 24230/24330
Dimensions of inner radius: 398.75 mm
Dimensions of outer radius: 553.75 x 4 mm

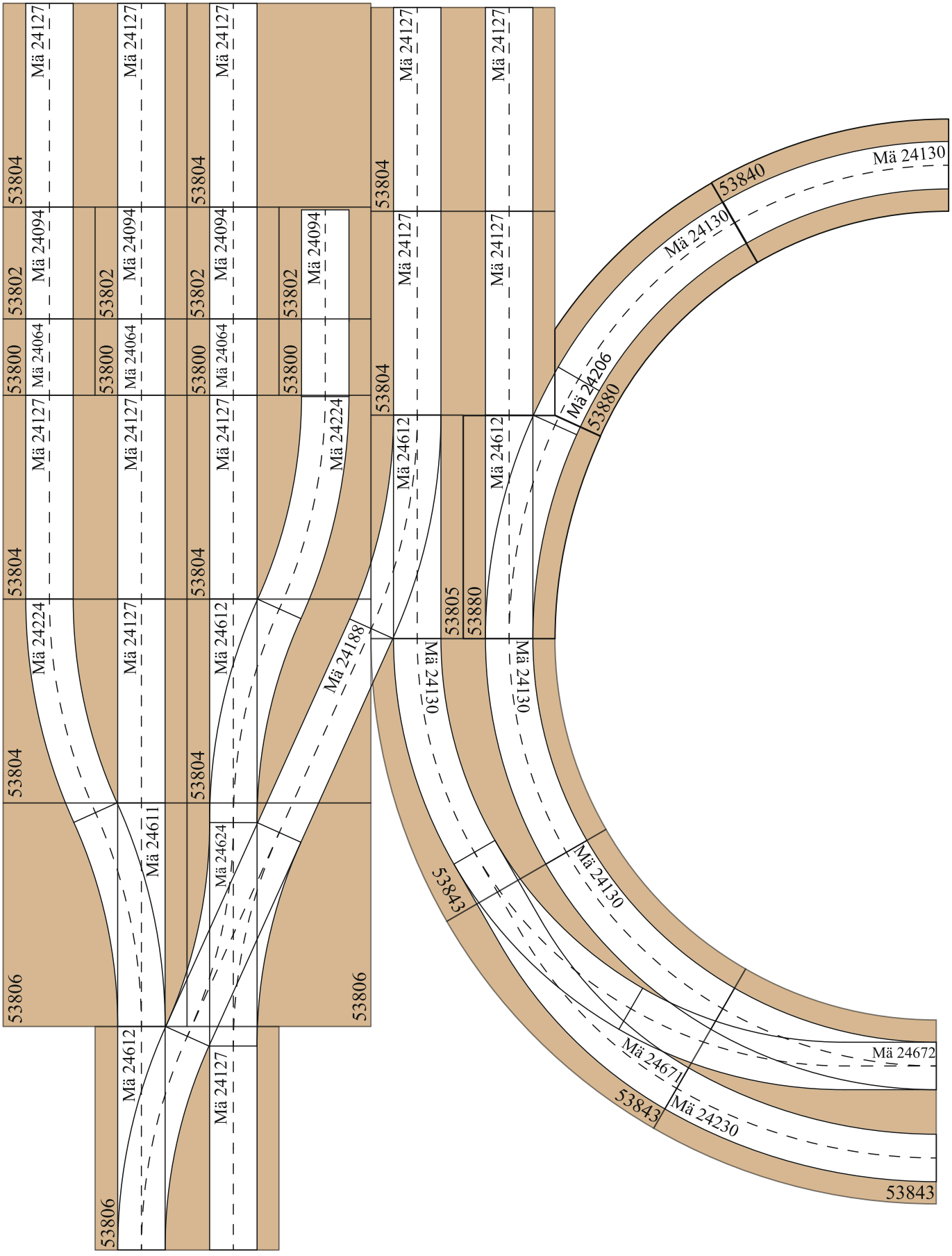
53881 ***easy TRACK Curved Turnout Set 671_672***
Contents: 2 sets
Suitable for Märklin C-Track 24671/24672
For inside: 2 x 24130
For outside: 2 x 24130



Application Example: Switch Road

What will immediately become apparent is that even complex station entrances and exits are possible with easy TRACK Individual.
The Double-Track Routes 53804 and 53806 are ideal for complex turnout configurations and parallel tracks. If the branch line is not intended to run parallel, Turnout Set 53880 is used, as shown in the illustration.

For C-track curved switches, in addition to the appropriate Curved Turnout Set (ref. 53881), there is also the option of using the 53843 routes. Changing tracks can thus be carried out in a curve on a double-track line without tapering the route.



easy TRACK®

Perfectly Integrated: the NOCH easy TRACK Helix!

Track helices are the most elegant solution for moving trains safely and space-savingly from one level to the next. They make invisible routes such as shadow stations or bridging large differences in height on small layouts possible in the first place.

In the easy TRACK system everything fits together perfectly, from the Railway Route Kit and Track Helix to individual components.



What is a track helix?
A track helix is a spiral-shaped track section on which the train continuously travels uphill or downhill to overcome a difference in height. The even and moderate gradient ensures that trains run safely and can also bridge several levels in a confined space, for example to reach a lower-lying staging yards.

When is a track helix needed?
Track helices are always used when a direct ramp is too steep or too long. Typical applications include connecting hidden staging yards under the layout, connecting visible levels of different heights, e.g. in mountainous landscapes, or designing longer routes for realistic train operation.

The new NOCH easy TRACK Helix System
The NOCH easy TRACK Helices are based on the proven previous system, but have been modified to fit perfectly into the NOCH easy TRACK system. Supports and tracks are now 100% compatible, so NOCH easy TRACK Kits can be expanded without any problems.

The perfect addition to easy TRACK
The easy TRACK railway route kits already provide well-designed track lines that greatly simplify the process of building layouts. With the new helices, model railway enthusiasts can now easily expand these kits with individual additions such as additional levels or complete staging yards without having to plan their own complicated gradient and track constructions.

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Construction and material

The routes of the new easy TRACK Helices are made of warp-free MDF boards that remain dimensionally stable and durable. In combination with the precisely fitting supports, this results in dimensionally stable, low-vibration spirals that ensure smooth running of the trains and a high level of operational safety. The MDF material used is the same thickness as the routes in the easy TRACK kits and individual components, so there are no steps between the components. This effectively prevents disruption to train operation.

For new and long-standing NOCH customers

Beginners will find it easy to get started with multi-level layouts thanks to the new easy TRACK Helices, as they come with a fully thought-out system that does not require any complex DIY construction. Customers who are already familiar with NOCH Helices can integrate their existing layouts into the easy TRACK system step by step and use the new possibilities to design additional staging yards, routes and much more according to their wishes.

Which product do I need?
Basic Helix or Add-On Helix?

First of all, it is important to know what height difference needs to be bridged.
The Basic Helix is suitable for bridging an entire level from the zero level.
The Add-On Helix is required if you need to go one more 'floor' higher. In principle, you can place any number of add-on helices on a basic helix to achieve the height to be bridged. The heights of the respective constructions can be found in the product detail information.

I would like to use a 'large' radius as a single-track section; why can't I find any track helices in the range that are only single-track?
Since the outer diameter is always the limiting factor for all radii in the installation situation, we only offer double-track routes for reasons of simplification, with the exception of the smallest single-track radius. If you only want to use the 'large' radius, the inner circle simply remains unused in this case, but will disappear under the landscape later anyway.

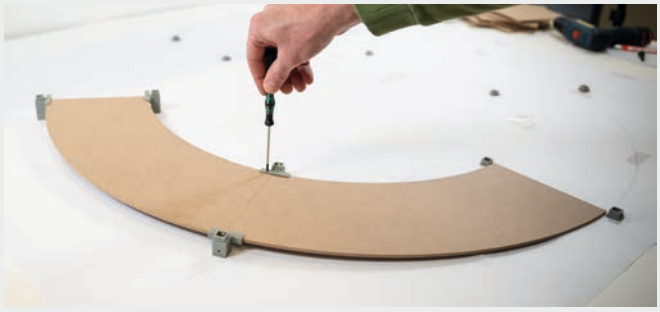
Pro Tip:
If the inner circle is unused, you can use the space to build the landscape in the visible area. Or, if the track helix is hidden, you can create a branch line with suitable points. This opens up a hidden storage or sidings track, a kind of 'mini staging yard'.

I need a helix that I can enter from the opposite direction. Where can I find one?
All Basic and Add-On Helices can be accessed from the left and right. Simply assemble them in the opposite direction to the illustration shown here. The included pillars and routes can be assembled in exactly the same way coming from the other side, achieving the same gradient and curve from the opposite direction.

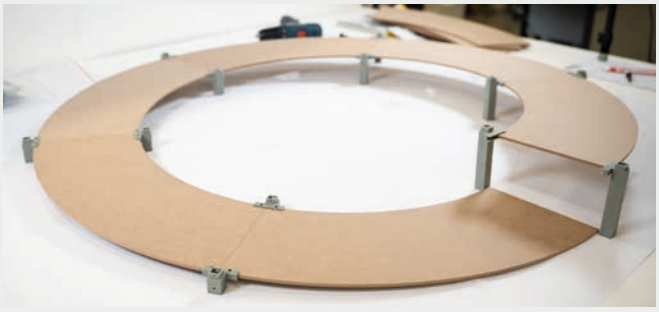
Can I combine the easy TRACK Helix with an existing LAGGIES Helix?
Yes, it is possible to place an easy TRACK Add-On Helix on a LAGGIES Basic Helix and vice versa. However, due to tolerances in the plastic pillars, it may be necessary to either sand them down slightly if they are too tight or glue them in place if they are too loose. The routes may also have slight tolerances that should be compensated for.

Can I drive my locomotive through the track helix with the pantograph extended?
That depends on the locomotive and the pantograph used. The clearance height of the helix is specified in the product details.

Craft Tip
Assembling the NOCH easy TRACK Helix



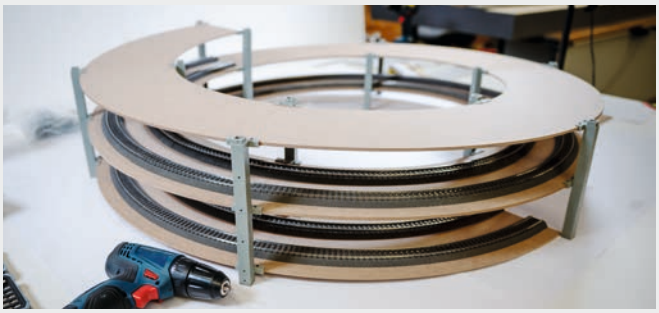
The Basic Helix is assembled directly on the enclosed plan. The base plates are fastened to the ground plate with screws.



The circular segment routes and pillars are assembled piece by piece.



The tracks are laid and secured.



With additional assembly circles, the helix can be easily extended upwards.

H0 easy TRACK Helix, Gauge H0

Basic and add-on helices are suitable for tracks from all well-known model railway manufacturers and track systems. Use the track radii as a guide to find the helix that best fits your project.

Basic Helix					
Ref.	**53040**	**53041**	**53042**	**53043**	**53044**
Track radius	360 mm single track	360/437.5 mm single or double track	420/483 mm single or double track	481.2/542.8 mm single or double track	515/579.3 mm single or double track
Outer diameter (outer edge from pillar to pillar)	84 cm	100 cm	109 cm	121 cm	128 cm
Height (top edge of the route)	13.5 cm	13.5 cm	13.5 cm	13.5 cm	13.5 cm
Clearance height	8.3 cm	8.3 cm	8.3 cm	8.3 cm	8.3 cm
Contents 1 ½ circles incl. assembly plan (1:1 plot), instruction manual	9 circular segment routes, 12 pillars with base plate and segment holder, 48 screws	9 circular segment routes, 12 pillars with base plate and segment holder, 48 screws	9 circular segment routes, 12 pillars with base plate and segment holder, 48 screws	9 circular segment routes, 24 pillars with base plate and segment holder, 72 screws	9 circular segment routes, 24 pillars with base plate and segment holder, 72 screws
Fitting Add-On Helices:					
Ref.	**53070**	**53071**	**53072**	**53073**	**53074**
Contents 1 circle incl. instruction manual	6 circular segment tracks, 12 pillars and segment holders, 24 screws	6 circular segment tracks, 12 pillars and segment holders, 24 screws	6 circular segment tracks, 24 pillars and segment holders, 48 screws	6 circular segment tracks, 24 pillars and segment holders, 48 screws	6 circular segment tracks, 24 pillars and segment holders, 48 screws
Track Type H0					
Märklin C Track	R1	R1 / R2			R3 / R4
Märklin K Track / M Track	R1	R1 / R2			
Trix C Track	R1	R1 / R2			R3 / R4
Fleischmann Modell	R1	R1 / R2			
Fleischmann Profi	R1	R1 / R2	R2 / R3	R3 / R4	
Roco Line	R2	R2 / R3	R3 / R4	R4 / R5	
Piko A Track	R1	R1 / R2	R2 / R3	R3 / R4	
Tillig Elite	R1	R1 / R2		R2 / R3	

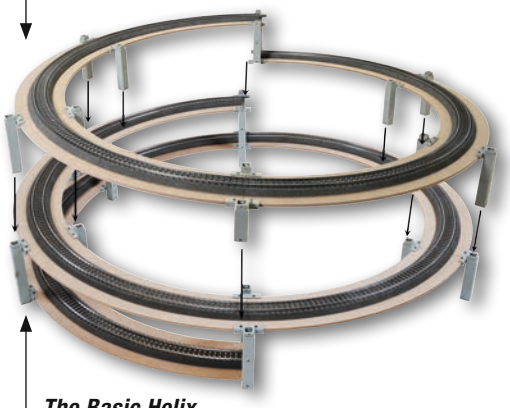
N easy TRACK Helix, Gauge N

Basic and add-on helices are suitable for tracks from all well-known model railway manufacturers and track systems. Use the track radii as a guide to find the helix that best fits your project.

Basic Helix		
Ref.	**53060**	**53061**
Track radius	194/230 mm single or double track	329/362 mm single or double track
Outer diameter (outer edge from pillar to pillar)	56.5 cm	83 cm
Height (top edge of track)	8.5 cm	8.5 cm
Clearance height	5 cm	5 cm
Contents 1 ½ circles incl. assembly plan (1:1 plot), instruction manual	9 circular segment tracks, 12 pillars with base plate and segment holder, 48 screws	9 circular segment tracks, 12 pillars with base plate and segment holder, 48 screws
Fitting Add-On Helices:		
Ref.	**53090**	**53091**
Contents 1 circle incl. instruction manual	6 circular segment tracks, 12 pillars and segment holders, 24 screws	6 circular segment tracks, 12 pillars and segment holders, 24 screws
Track Type N		
Arnold	R1 / R2	
Fleischmann piccolo	R1 / R2	
Roco N	R1 / R2	R4 / R5
Minitrix	R1 / R2	R3 / R4

The Add-On Helix

The add-on helix comprises a full circuit. Any number of add-on helices can be added to a basic helix. This allows even large height differences to be overcome effortlessly in a very small space.



The Basic Helix

The Basic Helix comprises 1½ circles. A basic circuit provides the crossing height as well as the entry and exit sections.

Scope of delivery

Each basic helix contains 9 circle segment routes, which can be used to build 1 ½ circles. Each add-on helix contains 6 circle segment routes, which can be used to build 1 circle. The scope of delivery includes 12 or 24 (large radii H0) matching pillars with the required segment holders and instructions. To make assembly easier, each basic helix comes with a printed plan on a scale of 1:1.

Make your Landscape Substructure a Success!

NOCH TERRA·FORM

Made in Germany



TERRA-FORM is a proven and extremely sophisticated method for creating your model landscape: quick and uncomplicated, extremely lightweight, highly flexible and cost-effective.
The foundation of the system consists of two- to five-way connecting elements made of flexible plastic, to which round rods are joined in order to make the desired shape. The round rods can be cut to any length you like and then connected together. You do not need to have manual skills for this, nor many tools: scissors, craft knife, fine saw, hammer and hot glue gun.

TERRA-FORM is ideal to build the landscape framework over a NOCH easy TRACK railway route. On a base of your choice (e.g. blockboard, chipboard, solid wood panel), you first build the rail system (e.g. with NOCH easy TRACK) and lay all electrical connections.

Following a test drive, you start designing the landscape – above and around the track. First, you build the tent-like framework. Since the round rods are only slotted into the connecting elements, the construction can be corrected and changed at any time. Thanks to this scaffolding system, subsequent remodelling is just as unproblematic as ongoing 'maintenance' of the rail and all the mechanics. Once the framework is standing, it is then covered with NOCH Landscape Crepe Paper to form your landscape template, which you can customise as you wish.

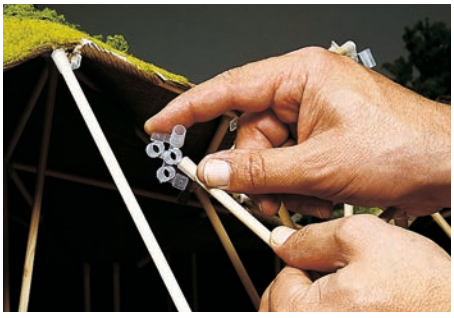
Info Tip
Working with TERRA-FORM is explained in detail in our guidebooks that you can find in chapter 'Everything to Get Started' from page 10 in this catalogue.



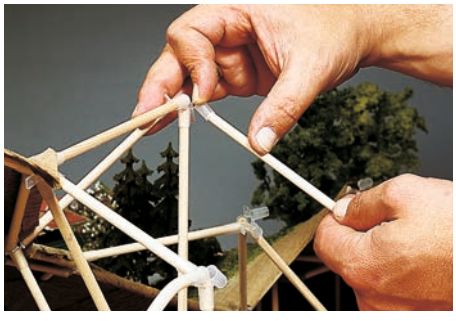
It is very easy to cut the wooden poles to the right length.



The flexible 5-way connectors make it possible to assemble the tent-like construction as desired.



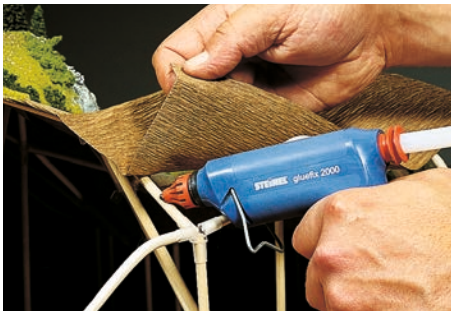
The connectors and wooden poles do not have to be glued. This allows you to change the rough shape of your landscape until it matches your concept.



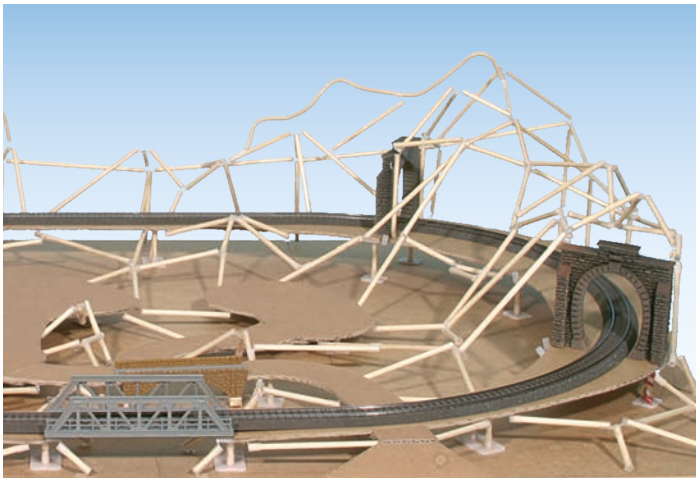
Due to the TERRA-FORM base plates and connectors, the framework has a stable footing on every base.



Thanks to the flexibility of the poles, curved ridges or jagged overhangs can be created.



Once the framework meets your expectations, the NOCH Landscape Crepe Paper is glued on.



Landscaping with TERRA-FORM: with the material from the Basic Set (ref. 61601) ...



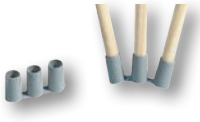
this landscape was built.



Reinforced cardboard



5-way connector, detachable



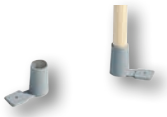
3-way connector



2-way connector



2-way round, flat connector



1-way connector with adhesive pad



Base plate



2-way clamps





Prop upper plates, detachable



Prop lower plates, detachable

TERRA-FORM supplement:

61620 ***Reinforced Cardboard***
5 pieces, very strong carton 55 cm x 40 cm, to apply as a stable base for track series or houses

61630 ***Connector Pieces***
72 parts in total:
- *18 connectors, 5-way*
- *14 connectors, 3-way*
- *8 connectors, 2-way*
- *8 round, flat connectors, 2-way*
- *24 connectors, 1-way, with adhesive pad*

61640 ***Base Plates and Clamps***
40 parts in total:
- *20 base plates*
- *20 2-way clamps*

The base plates can be divided and thus used for H0, TT, N and Z

61650 ***Wooden Support Poles***
40 cm long, 35 pieces

61660 ***Flex Support Pole***
divisible, 3 m long

61670 ***Prop Plates***
16 parts in total:
- *8 prob upper plates*
- *8 prob lower plates*

The prop upper and lower plates can be divided and thus used for H0, TT, N and Z.

Note: *the Basic Set contains the framework system (see picture above left), but not the modelling compound, grass, and extra decoration.*
Contents: *see TERRA-FORM Basic Set.*
The compilation of all materials needed to assemble a complete model landscape can be found in the Starter Set 'Model Railway Layout Construction' Set on pages 26 and 27.



61601 ***TERRA-FORM Basic Set***

This Basic Set contains everything you need for building a landscape substructure.

Landscape Framework, 228 parts in total:
- *50 wooden poles (40 cm each)*
- *1 flexible support pole (100 cm)*
- *36 connectors, 5-way*
- *28 connectors, 3-way*
- *16 connectors, 2-way*
- *16 round, flat connectors, 2-way*
- *48 connectors, 1-way with adhesive pad*
- *4 clamps*
- *12 prop upper plates*
- *12 prop lower plates*
- *4 base plates*

You also get to know:
- *45 x 80 cm NOCH Landscape Crepe Paper*

Landscaping Wire Mesh

Stable, flexible, shapeable – these are the outstanding characteristics of this innovative material for the designing of model landscapes. Use the landscaping material on the TERRA-FORM system by NOCH, on a substructure frame or any other substructure. You get a robust and stable surface on which you can directly work with other craft materials.





60833 ***Landscaping Wire Mesh***
100 cm x 75 cm, folded in bag



Landscape Crepe Paper

Tough but flexible special crepe paper with a waterproof middle layer. So you can model directly onto the crepe paper and also safely utilise materials containing liquid in your design.



60840 ***Landscape Crepe Paper***
90 cm x 80 cm

Landscaping Aluminium Wire Mesh

Finely-woven, shapeable aluminium mesh. For smaller, self-supporting mountain constructions. Ideal for covering the frame of a substructure.





60990 ***Landscaping Aluminum Wire Mesh XL***
100 cm x 75 cm, folded in bag

60991 ***Landscaping Aluminum Wire Mesh***
50 cm x 75 cm, folded in bag



Modelling Plaster Cloth

With these special plaster bandages, you can cover substructures made of Landscaping Aluminium Wire Mesh. The construction becomes particularly stable when the bandages are applied to the substructure in several layers. For larger building projects, we recommend our large pack of Modelling Plaster Cloth XL, offered for a bargain price.



Craft Tip:
Modelling Plaster Cloth

NOCH Modelling Plaster Cloth is ideal for stabilising our mountain subconstruction made of Landscaping Aluminium Wire Mesh. Cut the fabric into 15 to 20 cm long strips. Dip them briefly in lukewarm water and place the wet plaster bandages on your substructure. Allow each strip to overlap with approximately half of the previous one. This overlapping makes your substructure significantly more stable. Then spread the plaster evenly with your hand.



60980 ***Modelling Plaster Cloth***
2 rolls of 200 cm x 10 cm each



60982 ***Modelling Plaster Cloth XL***
4 rolls, length 300 cm each
width 2x 14.5 cm, 1x 9.5 cm, 1x 6.0 cm



Rock Compound

Due to its special composition, the NOCH Rock Compound automatically forms a 'rocky' surface structure upon drying. The two popular NOCH Rock Compound products are also available at a favourable price in a large pack of 1,000 g.

Craft Tip:
Designing rocks with NOCH Rock Compound

Add some water to the NOCH Rock Compound and stir the mixture. After applying the mixture with a trowel (or a knife), it hardens after about 15 minutes. When drying, the special composition of the compound mixture forms its own rock-like surface. Especially beautiful and realistic rock structures can be created by breaking up NOCH Hard Foam Rocks and Rock Plates into the desired size and incorporating them in the mixture while it is still damp.
You can find a large selection of rock pieces, rock plates and rocks made of NOCH Hard Foam in the chapter 'Rocks and Rock Walls' starting on page 108 of this catalogue.



Best value!

60880 ***Rock Compound 'Granite'***
grey, 400 g

60882 ***Rock Compound XL 'Granite'***
grey, 1,000 g



Best value!

60890 ***Rock Compound 'Sandstone'***
brown, 400 g

60892 ***Spackle-Compound XL 'Sandstone'***
brown, 1,000 g

Modelling Compound

The smooth, white compound mixture is ideal for creating flat surfaces (e.g. floor space for houses or roads).
Also, the NOCH Modelling Compound does not become brittle upon drying – the risk of cracks forming is very low.



60920 ***Modelling Compound***
smooth, white, 500 g



G 1 0 HO TT N Z

Perfect Embedding for Your Tracks!

Cork Track Beds for Model Railway Tracks

Cork Track Beds are a real model railway classic: they lend themselves as the perfectly stable and noise-absorbing base for model railways tracks, such as the MÄRKLIN® K track or the PIKO® A track. The track beds are easy to lay: for glueing them together, we recommend NOCH Latex Adhesive (ref. 61135). NOCH Ballast, which you can find on the following page, is the most suitable for laying ballast.





First, the cork track bed is split by bending it in the middle…



and the two resulting strips are then glued together again along the 'back'. The cork track beds can therefore be laid flexibly and follow every course of the track.





HO **50410** ***Cork Track Bed, 3 mm high***
6 pieces, 4.4 cm x 50 cm each (total length 3 m)

HO **50412** ***Cork Track Bed, 3 mm high***
18 pieces, 4.4 cm x 50 cm each (total length 9 m)

TT HOm **50460** ***Cork Track Bed, 3 mm high***
6 pieces, 3.6 cm x 50 cm each (total length 3 m)

TT HOm **50462** ***Cork Track Bed, 3 mm high***
18 pieces, 3.6 cm x 50 cm each (total length 9 m)

N **50490** ***Cork Track Bed, 2 mm high***
6 pieces, 2.8 cm x 50 cm each (total length 3 m)

N **50492** ***Cork Track Bed, 2 mm high***
18 pieces, 2.8 cm x 50 cm each (total length 9 m)

Note: *all cork track beds on this page are supplied without rails and points.*

HO TT HOm **50416** ***Cork Plate, 3 mm high***
2 pieces, 15 cm x 50 cm

N **50496** ***Cork Plate, 2 mm high***
2 pieces, 15 cm x 50 cm

Latex Adhesive – Ideal for Cork Track Beds



NOCH Latex Adhesive is a viscous glue paste with a wide range of applications. The milky-white glue emulsion can be applied directly from the dispenser bottle with a brush or putty knife onto cork, wood, rubber, felt, cardboard and textiles. The latex adhesive is ideal for glueing down NOCH Cork Track Beds. The non-toxic adhesive is also suitable for glueing together rails and railway lines to ensure sound insulation. In addition, the rail can be ballasted at the same time.

61135 ***Latex Adhesive***
125 g

Colours, combinations and forms are subject to change without prior notice.



Just Like Real Track Ballast!

PROFI Ballast and Track Ballast

Ballast and stones play a very important role when designing a realistic model landscape. Typically, track ballast is mined by region and therefore reflects the colour of the rocks and stones of that region. Among other things, with the assortment of NOCH PROFI Ballast, you can make your ballasted track beds look extremely realistic.

PROFI Ballast is available in four different colours and two different grain sizes for H0, TT, N and Z gauges. These varieties are great mixed together to create completely new, original colours.

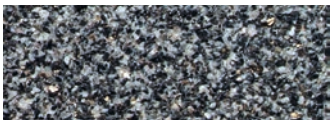


HO TT

09361 ***PROFI Ballast 'Limestone'***
beige brown, 250 g bag

N Z

09161 ***PROFI Ballast 'Limestone'***
beige brown, 250 g bag



HO TT

09363 ***PROFI Ballast 'Granite'***
grey, 250 g bag

N Z

09163 ***PROFI Ballast 'Granite'***
grey, 250 g bag



HO TT

09365 ***PROFI Ballast 'Basaltic Rock'***
dark grey, 250 g bag

N Z

09165 ***PROFI Ballast 'Basaltic Rock'***
dark grey, 250 g bag



HO TT

09367 ***PROFI Ballast 'Gneiss'***
red brown, 250 g bag

N Z

09167 ***PROFI Ballast 'Gneiss'***
red brown, 250 g bag



HO TT

09372 ***Ballast***
brown, 250 g bag

N Z

09172 ***Ballast***
brown, 250 g bag

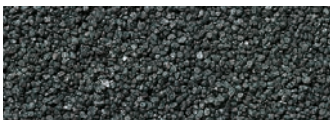


HO TT

09374 ***Ballast***
grey, 250 g bag

N Z

09174 ***Ballast***
grey, 250 g bag



HO TT

09376 ***Ballast***
dark grey, 250 g bag suitable for Märklin® C Track



Ballast Glue

Thanks to the nozzle of the Ballast Glue, it is even easy to reach inaccessible spots.

Usage: *spread the loose ballast between the sleepers and then drizzle on the Ballast Glue.*



61134 ***Ballast Glue***
130 g

G 1 0 HO TT N Z

Craft Tip:
Ballasting tracks

In order to design a perfect track bed, we recommend NOCH Cork Track Beds as bases for your track (e.g. ref. 50410 for H0 scale, ref. 50460 for TT scale and ref. 50490 for N scale). These have a sound-absorbing effect and even create the appearance of a poured bed of ballast, with small embankments to the left and right of the rails. The ballast is loosely scattered and then spread around the gaps between the sleepers with a brush. Afterwards, drizzle on some NOCH Ballast Glue (ref. 61134) to permanently fix the ballast.



The rail is laid and fixed onto the cork track bed.



The ballast is now loosely scattered. The NOCH Shaker (ref. 08099) is very useful for this.



The ballast is then spread between the railway sleepers with a brush.



The loose ballast is applied with NOCH Ballast Glue (ref. 61134).



PROFI Rocks 'Rubble'

Steep mountains and rocky slopes are among the most impressive motifs that can be recreated in a model landscape. Small and large rocks and boulder blocks regularly break away from cliffs and crags and then accumulate in screes, beneath steep mountain walls or in riverbeds. NOCH Rubbles are ideal for recreating such rock formations, screes and wonderful riverbeds and lakebeds in your model, and for adding detail. The rubble is available in three different grain sizes, which can be used alone or mixed together.



09228 ***PROFI Rocks 'Rubble'***
fine, 80 g bag
grain 1 mm – 2 mm



09230 ***PROFI Rocks 'Rubble'***
medium, 80 g bag
grain 2 mm – 5 mm



09232 ***PROFI Rocks 'Rubble'***
coarse, 80 g bag
grain 6 mm – 16 mm



Natural Stones

Nothing looks more realistic than natural products. That's why NOCH chooses natural stones for model landscaping. All stones are finely crushed and sorted by size.



09202 ***Coal***
250 g bag



09204 ***Chippings Lahn***
250 g bag



09214 ***Boulders***
250 g bag



09216 ***Sandstone Boulders***
250 g bag



09226 ***Rock Boulders Hegau***
250 g bag

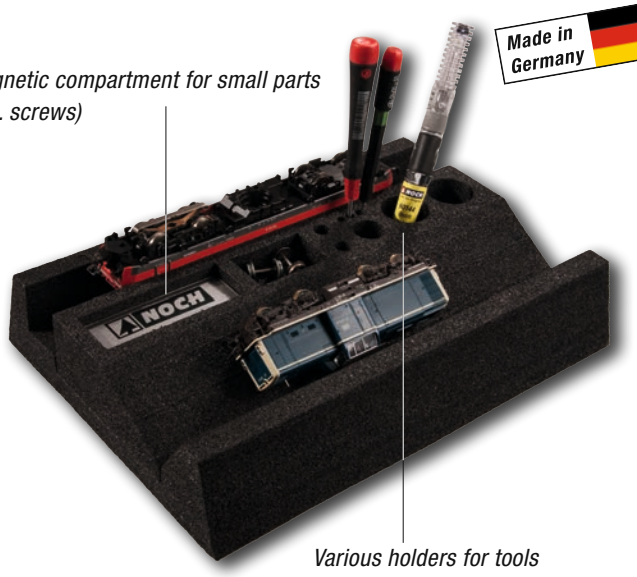


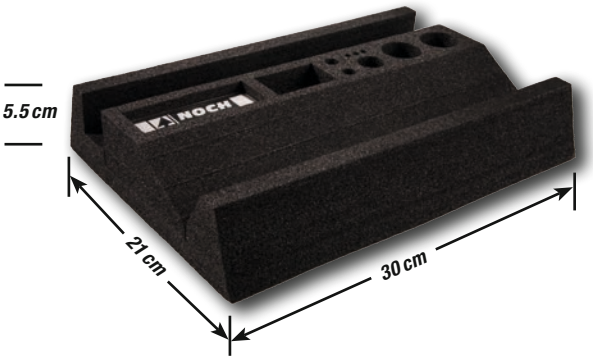
Safe in Bed!

PROFI Foam Train Service Tray

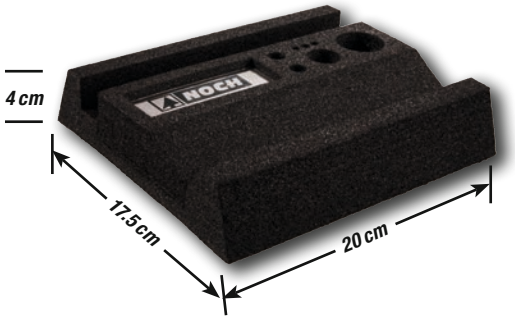
Developed by professionals for professionals, this is reflected in the many details of these Foam Train Service Trays. The PROFI Foam Train Service Tray has two hollows for your locomotives. In one, the locomotive can be clamped upside down in the soft foam. It is now easy to inspect from below, and gears and axles can be easily oiled. Locos and waggons can be placed sideways or diagonally upside down in the sloping tray. This allows side panels to be cleaned and engines and piston rods to be repaired, as well as many other servicing jobs.
The Foam Train Service Trays have different compartments and recesses, in which a brush, oil pen and tools can fit.
Small parts and screws can be stored in the integrated compartments. So that small parts do not get lost, a magnetic disc is incorporated in one compartment. The tiniest screws, for example, adhere to it.

Made in Germany





HO TT **99355** ***PROFI Foam Train Service Tray***



N Z **99352** ***PROFI Foam Train Service Tray***

Foam Ramps

NOCH Ramps are made of a very flexible yet sturdy foam material that can effortlessly be adapted to your rail plan. NOCH Ramps are available in different heights and lengths. If you have enough space, we recommend that you always take the long version with the lower gradient. The low version is for layouts operating without the use of a catenary system.



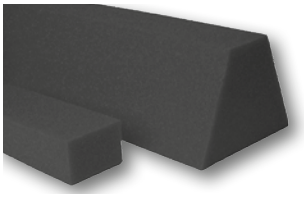
HO **99356** ***Ramp with embankment***
single track, 4 % grade, 260 cm x 5.5 cm, 10 cm high

HO **99358** ***Ramp without embankment***
single track, 8 % grade, 115 cm x 5.2 cm, 8 cm high

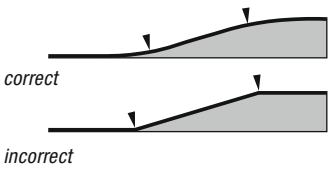
HO **99359** ***Ramp without embankment***
single track, 6 % grade, 175 cm x 5.2 cm, 9 cm high

HO **99360** ***Ramp without embankment***
single track, 7 % grade, 60 cm x 6 cm, 4 cm high

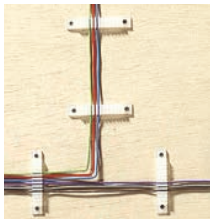
N **99348** ***Ramp without embankment***
single track, 3.5 % grade, 135 cm x 3.8 cm, 4.5 cm high



The illustration shows an H0 scale ramp with an embankment (rear) and an N scale ramp without an embankment (front).



Cable Ties





60160 ***Cable Ties***
10 clamping strips for each 12 cables, simply stick or nail under the layout and click the cables into the clamps

G 1 O H0 TT N Z

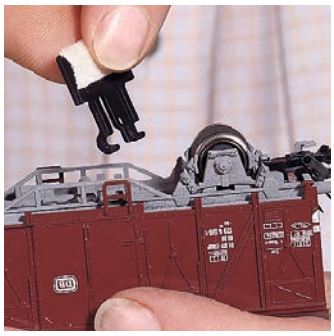
Little Helpers, Great Effect!

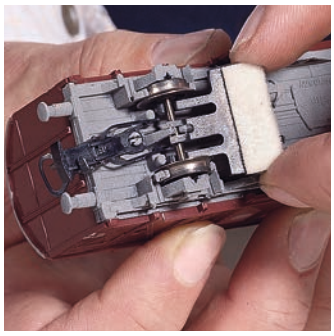
Track Cleaners

Track cleaners – an ingenious invention for cleaning model railway tracks – are available in H0, TT and N scale. And using them is so easy:

- *The track cleaners consist of a robust plastic frame with a brush-like cleaning surface that effectively removes dirt on the tracks.*
- *The cleaners are simply clipped onto the axles of a car – and they immediately start cleaning the rails in both directions while in normal driving mode, seemingly by chance!*
- *The H0 Track Cleaners are suitable for H0 two-axle carriages from Märklin®, Fleischmann®, Roco®, PIKO® and TRIX® (max. axle diameter 2.0 mm). They can be used for two-axle carriages of all makes (max. axle diameter 1.4 mm) in TT and N scales.*
- *The track cleaners are suitable for both AC and DC.*
- *The track cleaner should only be replaced when the cleaning surface is heavily soiled.*

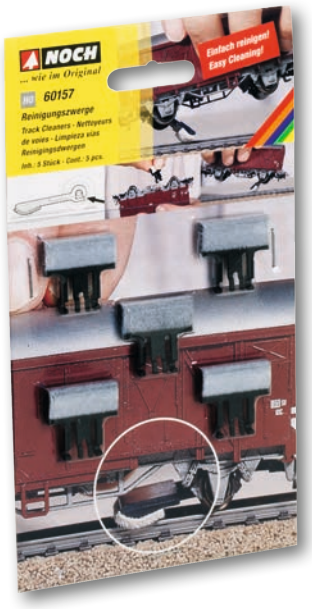












H0 ***60157*** ***Track Cleaners***
5 pieces

TT ***60159*** ***Track Cleaners***
5 pieces

N ***60158*** ***Track Cleaners***
5 pieces





Cleaning Block

With the NOCH Cleaning Block, impurities on the tracks like oil, sticky dust or traces of oxidation, can be easily 'erased'.

60140 ***Cleaning Block***

This Makes the Work Even Easier!

NOCH Tools

Discover NOCH's range of tools specially designed for model railway enthusiasts. Whether you need a precision scalpel with replacement blades, flexible sanding pads for perfectly deburred parts, practical pipettes and bottles for precisely dosed paint applications, and much more. Here you will find the tools you need for your creative model building projects.



60060 ***Softgrip Scalpel***
incl. blade
The scalpel has a non-slip softgrip handle. The sharp blade enables precise cuts, e.g. for cutting window film and removing laser-cut components.



60061 ***Spare Blades, 5 pieces***
for scalpel
Suitable for NOCH Softgrip Scalpel (ref. 60060).



60065 ***Modelling Scissors***
stainless steel
With these sturdy Modelling Scissors, you can cut NOCH Lake Film, Landscape Crepe Paper, Road Sheets and much more with precision. Not suitable for aluminium mesh.



60066 ***Modelling Fine Saw***
incl. 2 saw blades, coarse and fine
The fine saw can be used to cut hard foam parts, e.g. walls and portals, as well as wooden struts from the NOCH TERRA-FORM System. Includes one coarse and one fine saw blade.



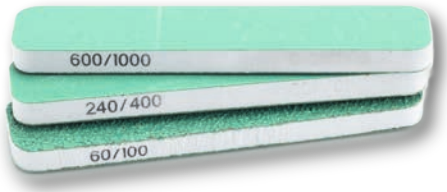
60067 ***Saw Blade, coarse***
for fine saw, 12.7 cm, 210 teeth
Coarse saw blade with 210 teeth. Ideal for cutting materials such as wood, plastic and hard foam to length.



60068 ***Blade, fine***
for hand saw, 12.7 cm, 270 teeth
Fine saw blade with 270 teeth. Ideal for making fine, precise cuts with fine edges in visible areas. Suitable for wood, plastic and hard foam.



60076 ***File Set, 6 pieces***
different shapes
The fine model files in various shapes are suitable for metal, plastic and wood. They can also be used to easily rework NOCH hard foam parts.



60079 ***Flexi Sanding Pad Set, 3 pieces (coarse, medium, fine)***
each 9 cm x 1.9 cm x 0.6 cm
The Flexi Sanding Pads are flexible and therefore adapt easily to the workpiece. They are washable with water and reusable. Each Flexi Sanding Pad has two different sides: coarse (60 and 100 grit) for removing material, medium (240 and 400) for sanding, and fine (600 and 1,000) for finishing and polishing.



60086 Modelling Side Cutter
The Modelling Side Cutter is suitable for plastic and fine wires. It can be used to easily separate plastic parts from a kit moulding and cut wires and cables to length.



60087 Flat-Nose Pliers with serrated edge
The Flat-Nose Pliers can be used to bend wires into shape.



60092 Precision Tweezers, straight
The Precision Tweezers can be used to attach small parts and position figures perfectly. The straight design makes it easy to pick up objects from above.



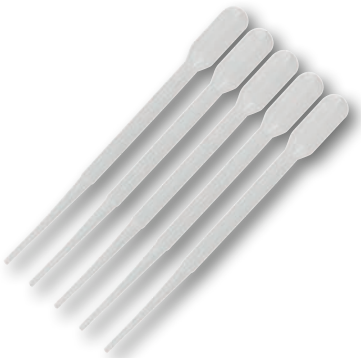
60093 Precision Tweezers, curved
The Precision Tweezers can be used to attach small parts and place tufts of grass perfectly in place. The curved design makes it easy to pick up objects from the side.



60099 Scriber, double-sided
The Scriber can be used to quickly and precisely draw marks in wood, plastic and soft metals. Unlike pencil marks, these marks cannot smudge and do not mix with the paint when painted over.



60100 Plastic Bottle with lid, 4 pieces
Volume: 17 ml
Ideal for mixing paints (e.g. from AMMO). The paint can be dripped directly from the bottle into an airbrush. Excess paint can be stored in the bottle thanks to the lid.



60101 Pipette, 5 pieces
Volume: 2 ml
The pipette can be used to pick up paints or adhesives (e.g. Ballast Glue) and then drip them into an airbrush, paint bottle or directly onto the material to be worked on.



60105 Nylon Clamp Set, 9 pieces
3 big, 6 small
The clamps are suitable for fixing parts, e.g. when two components of a kit are to be glued together.



True Works of Art in Miniature

NOCH Bridges boost the attractiveness of every model railway layout. They are also very versatile, for example, for traversing inclines, rivers and valleys. Our assortment of bridges comprises three very different kinds of model railway bridges:

- *Laser-Cut Bridges*
- *Ready-made Structured Hard Foam Stone Bridges*
- *Assembly kits of classic Steel Bridges, made of plastic*

Made in Germany

G 1 0 HO TT N Z



Bridges and Viaducts

Laser-Cut Bridges – from page 80
- *Made of a special, high-grade laser-cut cardboard*
- *Extremely delicately lasered details, such as rivets in a steel construction*
- *The adhesive required for assembly is included in the kits*

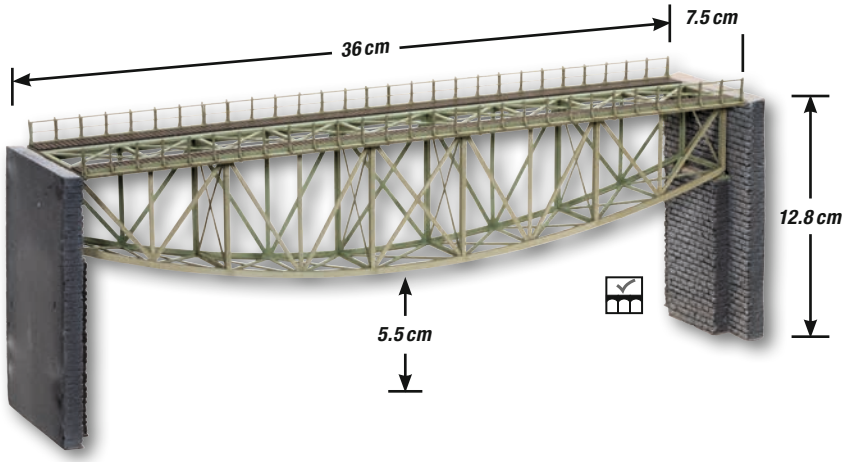
Structured Hard Foam Stone Bridges – from page 877
- *Ready-made models with an extremely realistic surface texture*
- *Made of high-grade structured hard foam*
- *Easy to work with (cut, saw, file)*

Plastic Bridges – page 91
- *Reasonably-priced plastic modelling kits*
- *Easy to build*
- *Various steel bridges*



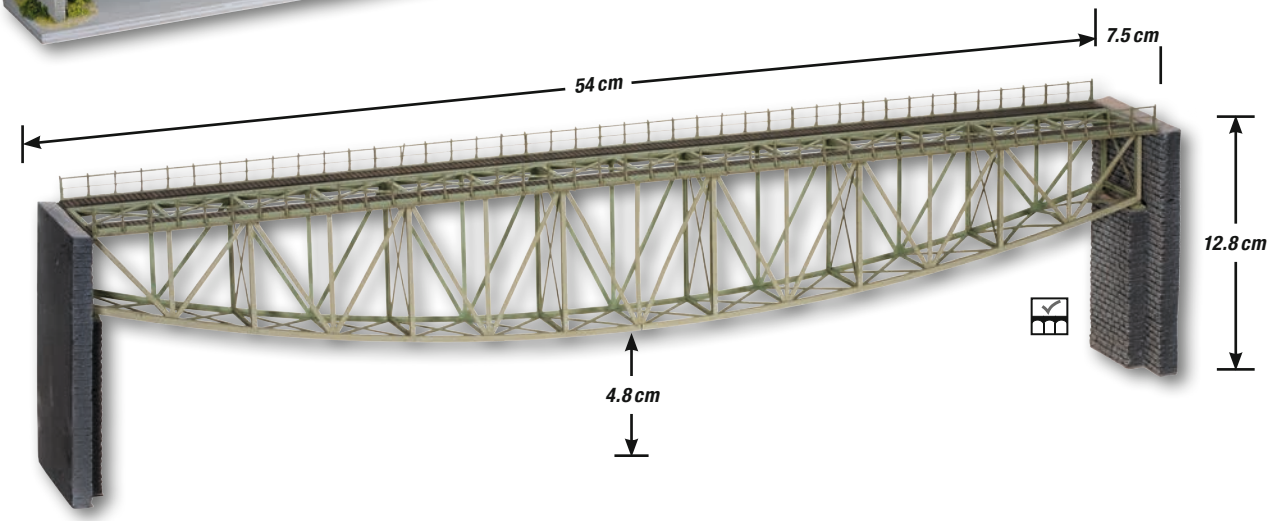
Laser-Cut Bridge Kits

NOCH Laser-Cut Bridges are not only beautiful but also stable. The statics of the delicately lasered parts follows the same rules as for their larger counterparts. This results in small steel construction works of art that are perfectly suited to your model landscape.





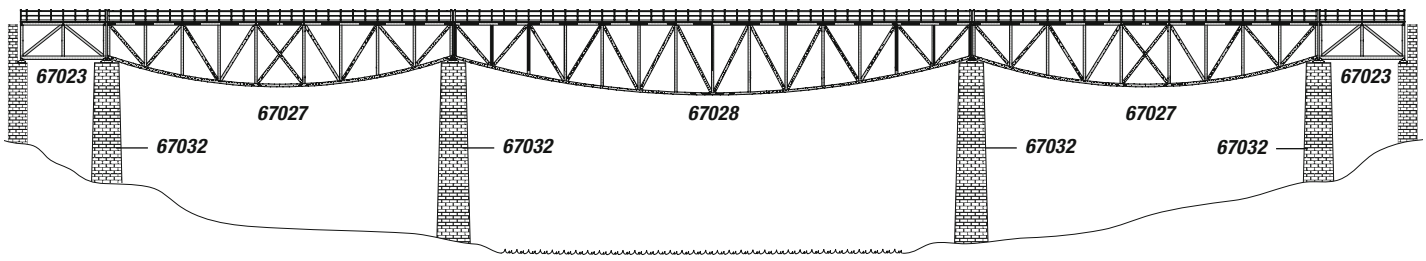
HO **67027** ***Fishbelly Bridge***
with bridgeheads



HO **67028** ***Fishbelly Bridge***
with bridgeheads

Note: *the bridges on this page are designed for single-track railways. For double-track train systems, two bridges can be installed side by side.*

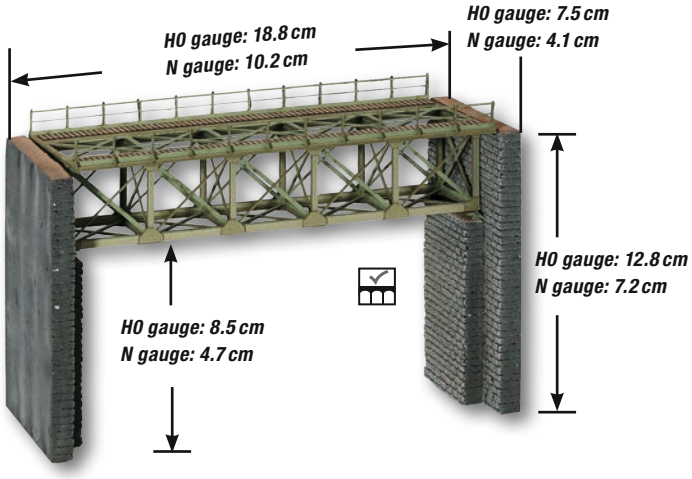
All bridgeheads on this page can be extended with walls from the 'Stone Wall PROFI-plus' series (see page 94). All laser-cut kits on this double page come with Laser-Cut Special Adhesive.



Suggestion for assembly: *Fishbelly Bridges with Approach Bridges and Bridge Piers (total length: 144 cm)*

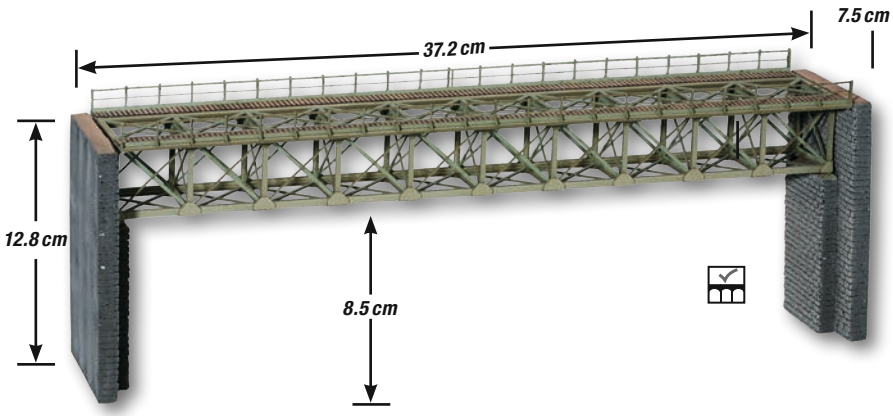
G 1 0 HO TT N Z



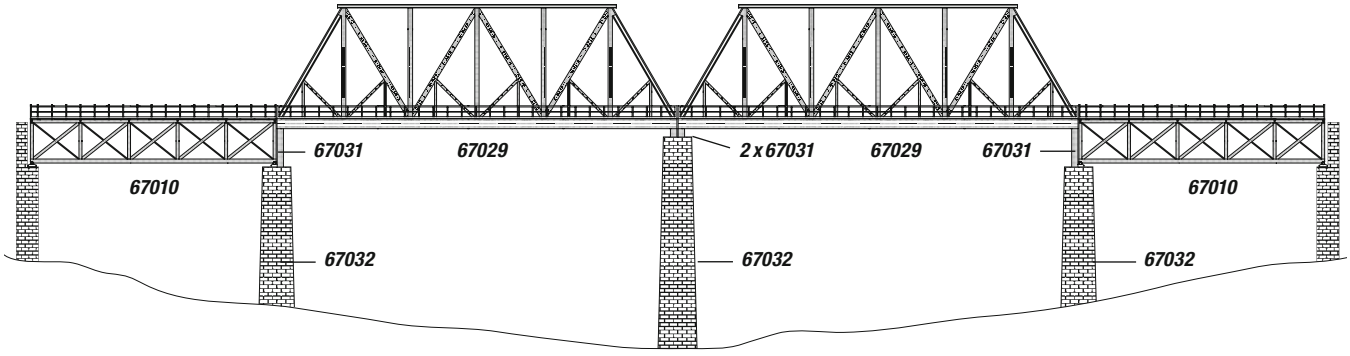


H0 **67010** ***Steel Bridge***
with bridgeheads

N **62810** ***Steel Bridge***
with bridgeheads.
This bridge cannot be combined with other Laser-Cut bridges.

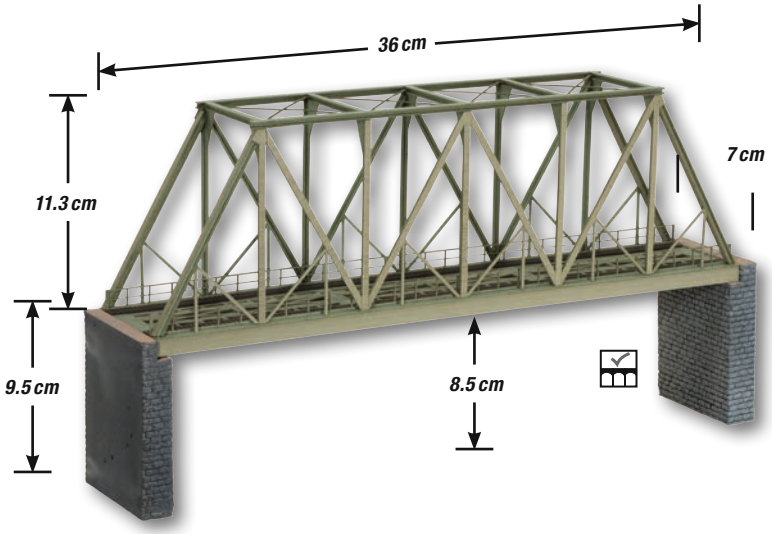


H0 **67020** ***Steel Bridge***
with bridgeheads



Suggestion for assembly: *Box-Girder Bridges with Steel Bridges, Bridge Piers and Adapter Pieces (total length: 109.6 cm)*



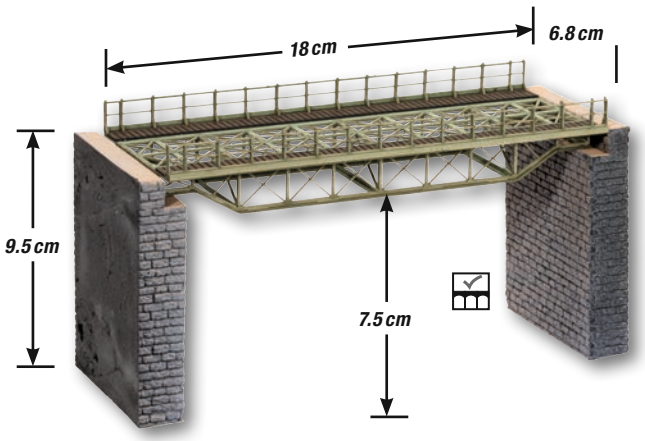


HO **67029** ***Truss Girder Bridge***
with bridgeheads

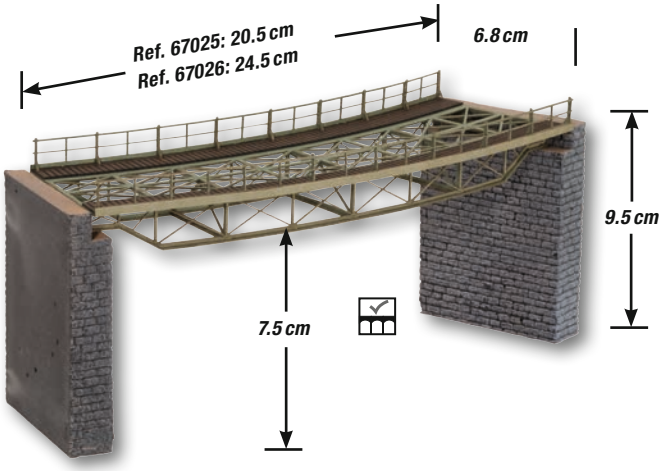
Info Tip:
NOCH Laser-Cut System Bridges

NOCH's System Bridges range can be identified by this symbol, which is found on the packaging. You will find further information about the NOCH Laser-Cut Bridge Kit System on page 83.





HO **67024** ***Bridge Deck, straight***
with bridgeheads



HO **67025** ***Bridge Deck, curved***
with bridgeheads, radius (R1) 360 mm

HO **67026** ***Bridge Deck, curved***
with bridgeheads, radius (R2) 437 mm

Note: *the bridges on this page are designed for single-track railways. For double-track train systems, two bridges can be installed side by side.*

All bridgeheads on this page can be extended with walls from the 'Stone Wall PROFI-plus' series (from page 99). All laser-cut kits on this double page come with Laser-Cut Special Adhesive.



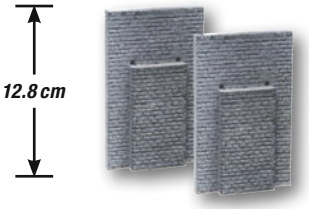
Combination of Fishbelly Bridge (67028), two Truss Approach Bridges (67023) and two Bridge Piers (67032). (The Bridge Piers shown here are samples from a pilot series.)

H0 Laser-Cut Bridge Kit System

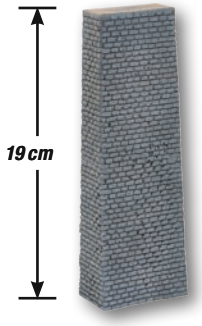
The bridge system developed by NOCH combines the product advantages of laser-cut and hard foam parts. Most of the H0 gauge bridge kits shown on the previous pages can be combined with each other, so as to join outstanding bridge constructions together.
For example, you can combine the Fishbelly Bridges with the short Approach Bridges, install several Box Girder Bridges one behind the other or use the Bridge Decks to create an attractive ramp.

In order to combine several bridges, the Bridge Pier (ref. 67032) is required. This is made of hard foam and thus can be cut very easily – with a handsaw, for instance – to the appropriate height. When it comes to combining and designing bridges, your imagination knows no bounds. For example, the Steel Bridge (ref. 67010) can be used as an approach bridge. Bridge Pier Adapter Pieces (ref. 67031) are required to combine certain bridges (see below).

***Note:** you will need the 'Two Bridge Pears for bridges with beams' (ref. 67034) and a bridge without beams (e.g. refs. 67024, 67025, 67026, 67029), to install the whole construction to the right and left of the landscape.*



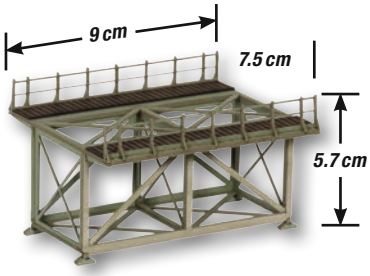
H0 **67034** ***Two Bridge Piers***
for bridges with beam



H0 **67032** ***Bridge Pier***



H0 **67031** ***Bridge Pier Adapter Piece***



H0 **67023** ***Truss Approach Bridge***
without bridgeheads, single track. For double track routes, two models can be combined side by side.

Adapter Pieces (ref. 67031) required for combining the bridges.

	67010	67020	67023	67024	67025	67026	67027	67028	67029
67010	●	●	●	1	1	1	●	●	1
67020	●	●	●	1	1	1	●	●	1
67023	●	●	●	1	1	1	●	●	1
67024	1	1	1	●	●	●	1	1	2
67025	1	1	1	●	●	●	1	1	2
67026	1	1	1	●	●	●	1	1	2
67027	●	●	●	1	1	1	●	●	1
67028	●	●	●	1	1	1	●	●	1
67029	1	1	1	2	2	2	1	1	2

● = *can be combined without bridge pier adapter piece*

Combine!
The Adapter Piece is needed to combine bridges with and without beams and/or of different widths and bridge piers. It can be built in four different versions.
You can easily find out how many adapter pieces are needed for the relevant combination of two bridges from the table.

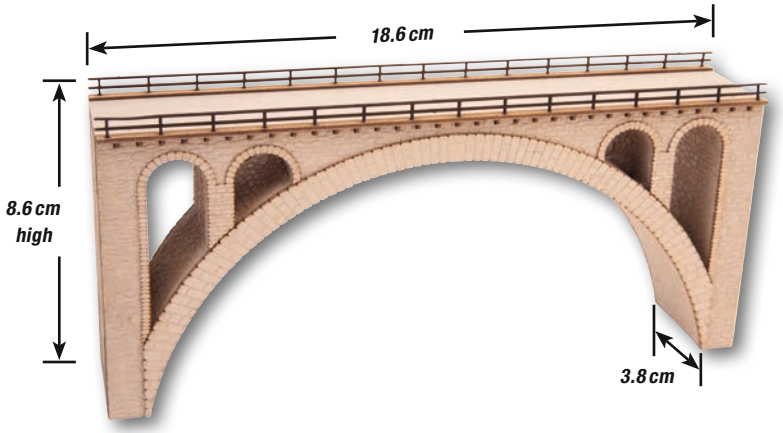
Laser-Cut Bridge Kit 'Brombenz Viaduct'

The railway bridge known as the 'Brombenz Viaduct' or the 'Landwasser Viaduct in the trains' is located on the route between Davos Monstein and Davos Wiesen. It is one of the Albula Railway's most striking structures and came into being between 1908 and 1909. With a length of over 40 metres, it spans the Landwasser River and a road at a height of over 20 metres.

The Laser-Cut Kit is made from high-grade card and, in addition to detailed instructions, also contains suitable special Laser-Cut Adhesive.



… Just like the original! Brombenz Viaduct in Grisons.



N **62832** ***Brombenz Viaduct***
Dimensions:
18.6 cm x 3.8 cm, 8.6 cm high

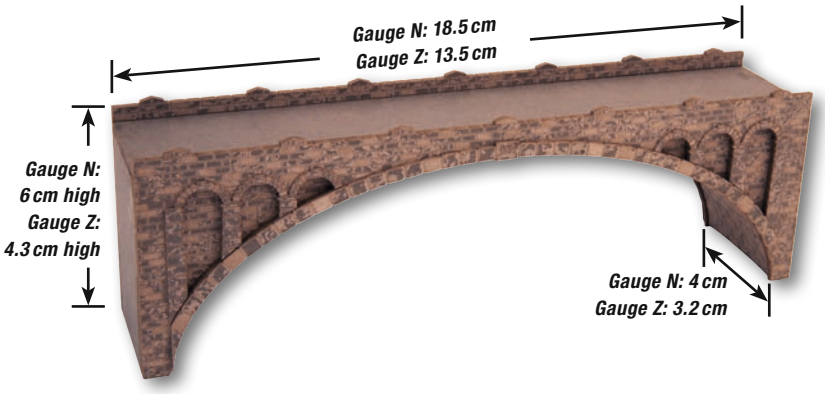




Laser-Cut Bridge Kit Stone Arch Bridge

The beautiful Stone Arch Bridge's compact design means it blends in with many setup requirements on your model railway layout. The bridge is single-track and can be used for both rail and road traffic. The width of the lane is equivalent to a narrow road, as is often found in the Alps to this day.

The Laser-Cut Kit is made from high-grade cardboard and, in addition to detailed instructions, also contains suitable special Laser-Cut Adhesive.



N **62831** ***Stone Arch Bridge***
Dimensions:
18.5 cm x 4 cm, 6 cm high

Z **44380** ***Stone Arch Bridge***
Dimensions:
13.5 cm x 3.2 cm, 4.3 cm high



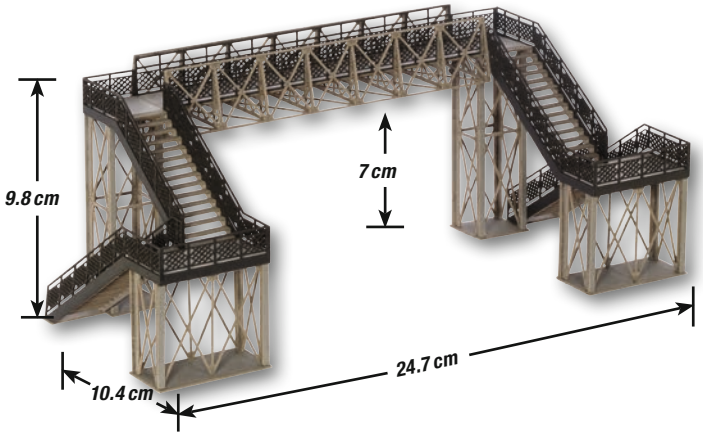
Laser-Cut Pedestrian Crosswalk Kit

LASER CUT

This filigreed Pedestrian Crosswalk is based on the legendary 'Eschersteg', which was a listed structure in Ravensburg, Southern Germany. The modelling kit's extremely detailed finish is due to the perfect execution of laser cutting technology, which enables, for example, the finest railings to be produced.

Conventional plastic injection moulding cannot rival the high-quality representation of such details. The basic Pedestrian Crosswalk Kit spans up to two tracks. Includes special adhesive.





HO **67070** ***Crosswalk***
24.7 cm x 10.4 cm, 9.8 cm high

Realism at its Most Beautiful

Structured Hard Foam Stone Bridges

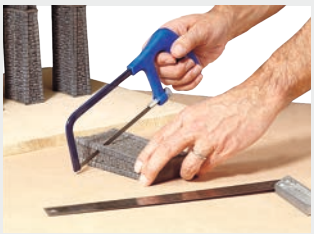
The NOCH Hard Foam Bridges presented on the following pages are manufactured in Wangen / Allgäu, in Southern Germany. The base is a special dual-component foam, which is poured into elaborately manufactured moulds. This unique production process realistically displays the finest structures in the model.
To give the models a perfect finish and a natural effect, all Hard Foam Bridges shown on the following pages are treated in our in-house paint shop. If, for example, you would like to combine Quarrystone Bridges with walls or tunnels, we recommend that you use the NOCH Hard Foam Series 'Quarrystone Walls,' which can be found on page 96 of the catalogue. The stones in the Wall Plates and Tunnel Portals are an ideal match for the coarse structure of the Quarrystone Viaducts.



Craft Tip:
Building bridges

The straight Quarrystone Viaduct (see page 88), the curved Quarrystone Viaduct (page 89) and the Rhône Viaduct (page 89) are made to fit together perfectly. In the picture above, for example, you can see an impressive combination of three curved Quarrystone Viaducts (90° bend) and a straight Quarrystone Viaduct. Bridge elements can be connected with any adhesive (including solvent-based).

If necessary, you can shorten the bridges or bridgeheads with a craft knife or fine saw. The finishing touches can be taken care of with sandpaper or a file. The Hard Foam Series 'Quarrystone Walls' (page 96) has the same rocky structure as the bridge models made of structured hard foam shown here. Use the products in this series to construct walls and tunnels that are suitable for the bridges.



The bridge pier is shortened.



Mounting the bridge, attaching to the bridgehead.



Extending the bridge by attaching a second viaduct.



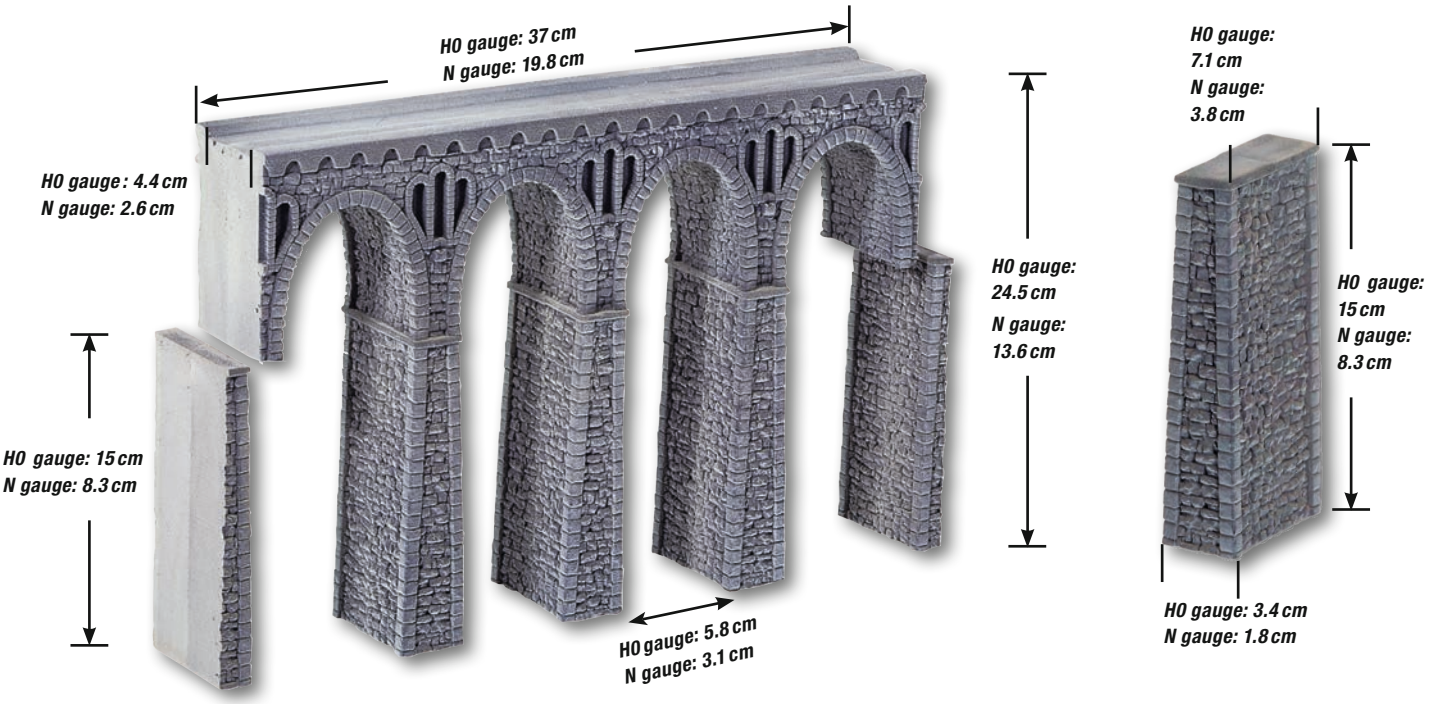
An impressive structure – consisting of three curved Quarrystone Viaducts (= 90° bend) and a straight Quarrystone Viaduct.



Straight Quarrystone Viaduct

The Quarrystone Viaduct is an eye-catcher for your model railway layout. To build particularly long and imposing bridge structures, straight and curved Quarrystone Viaducts can be combined as desired. Combinations with the Rhône Viaduct are also possible. In the Quarrystone Viaduct pack, you will find the viaduct and the material you need to make a matching bridgehead.

Note: *the H0 Quarrystone Viaduct is compatible with all H0 track systems, including MÄRKLIN® C track. The N Quarrystone Viaduct is compatible with all N track systems, including KATO® Unitrack.*



Info Tip:
Building viaducts

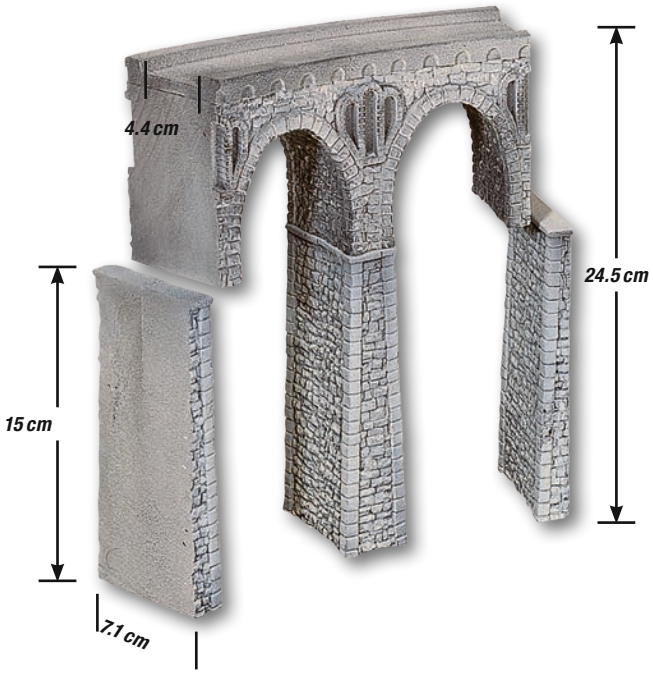
Combine the Quarrystone Viaduct in your model landscape with walls or tunnels from the NOCH Hard Foam Series 'Quarrystone Walls.' The stones in the Wall Plates and Tunnel Portals are an ideal match for the structure of the Quarrystone Viaducts. You will find the items in this series on page 96 of this catalogue.

H0 **58660** ***Quarrystone Viaduct***
ready-made Structured Hard Foam Bridge Model

H0 **58661** ***Quarrystone Viaduct Bridge Pier***

N **34860** ***Quarrystone Viaduct***
ready-made Structured Hard Foam Bridge Model

N **34861** ***Quarrystone Viaduct Bridge Pier***



Curved Quarrystone Viaduct

The Curved Quarrystone Viaduct makes it possible to construct impressive bridges. Two standard radii are available: R1 (360 mm, 30°) and R2 (437.5 mm, 30°). Put together, six curved Quarrystone Viaducts form a semicircle. The curved Quarrystone Viaducts can naturally be combined with the straight Quarrystone Viaducts, as well as the Rhône Viaduct.
Note: *the curved Quarrystone Viaduct is compatible with all H0 track systems, including MÄRKLIN® C track.*



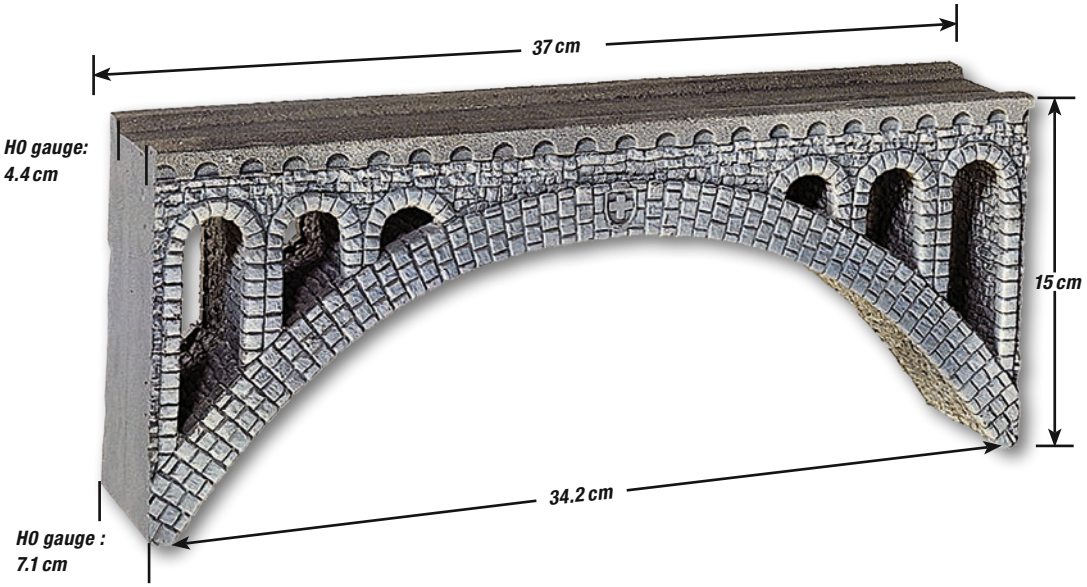
H0 **58664** ***Quarrystone Viaduct, curved***
radius (R1) 360 mm, 30°

H0 **58665** ***Quarrystone Viaduct, curved***
radius (R2) 437.5 mm, 30°



Rhône Viaduct

The Rhône Viaduct is an impressive ready-made bridge model with a length of 37 cm. It can even elegantly span the bigger valleys. Of course, the Rhône Viaduct is a perfect fit with the straight or curved Quarrystone Viaduct. In the picture above, you can see an H0 straight Quarrystone Viaduct (ref. 58660) that has been split in two parts. The Rhône Viaduct has been inserted in the middle, between the two halves.
Note: *the Rhône Viaduct is compatible with all H0 track systems, including MÄRKLIN® C track.*



H0 **58670** ***Rhône Viaduct***
ready-made Structured Hard Foam Bridge Model

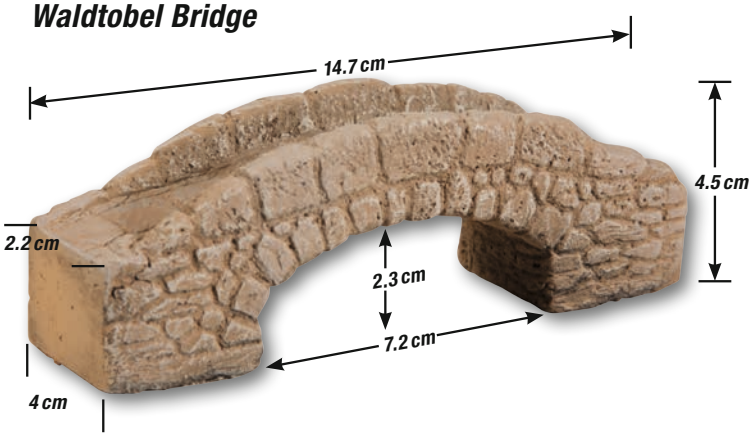
Attractive Crossings

Bridges made of Structured Hard Foam

Streams, rivers, ravines and gorges characterise the image of a landscape. From time immemorial, bridges have made important trade and transport links possible and brought people together. Our team has taken on small bridges. These unremarkable constructions traverse streams, small rivers, irrigation ditches or ravines and can be found in every village or city. But stone bridges can also be used in the open countryside to cross ravines and torrents on hiking trails and service roads.

All bridges are made of the well-known NOCH Structured Hard Foam, which guarantees highly realistic surface textures. The constructions are nevertheless very lightweight and easy to process.

Waldtobel Bridge

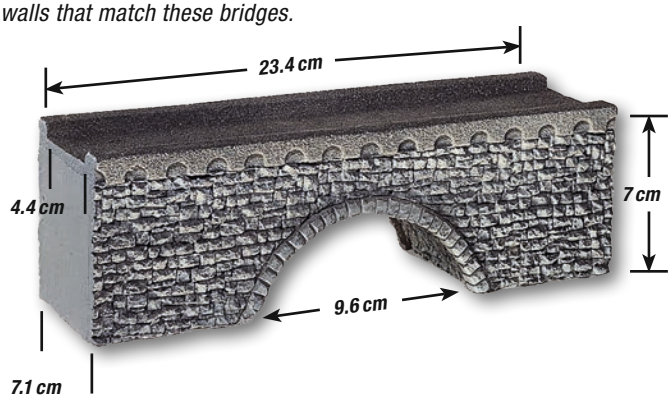




HO **58694** ***Waldtobel Bridge***
Ready-made Structured Hard Foam Pedestrian Bridge

Achtobel Bridge

The Achtobel Bridge is a high-quality ready-made bridge model made of structured hard foam. The bridge can be employed as a small railway bridge (suitable for all H0 track systems including MÄRKLIN® C track) as well as a road bridge.
The Hard Foam Series 'Quarrystone Walls' (page 96) has the same rocky structure as this Achtobel Bridge, the Quarrystone Viaduct and the Rhône Viaduct. You can use the products in this series to create bridges and walls that match these bridges.





HO **58690** ***Achtobel Bridge***
Ready-made Structured Hard Foam Bridge Model

Bridge Piers

In order to combine NOCH Plastic Bridges, it is best to use a Double Bridge Pier or Pontoon Pier. You can either screw or glue the pier to the bridge and base.



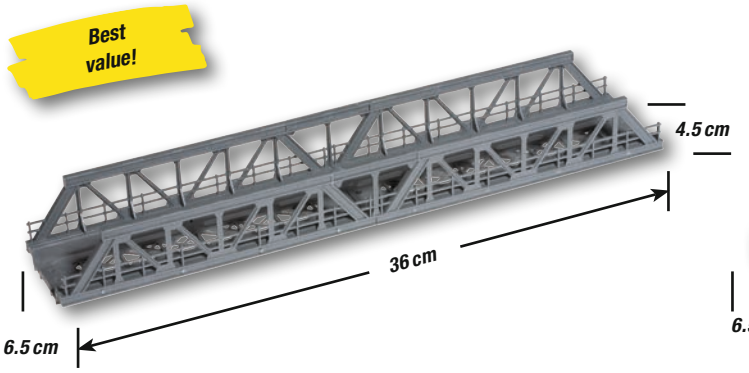


HO **21410** ***Pontoon Piers***
to plug together
5 pieces, each 0.5 cm high

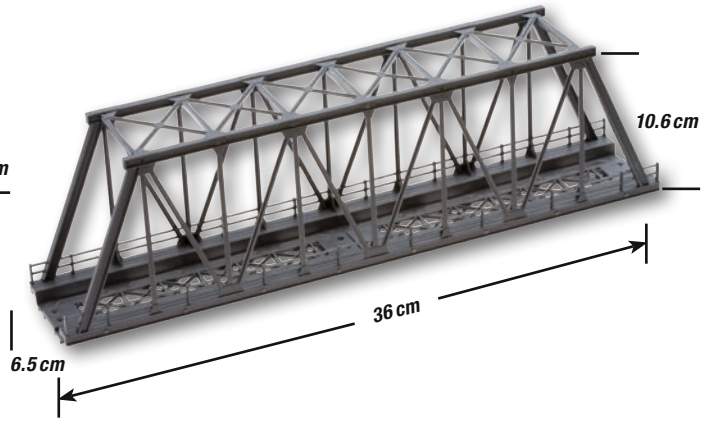
HO **21400** ***Pontoon Piers***
to plug together
5 pieces, each 3 cm high

Steel Bridges Made of Plastic

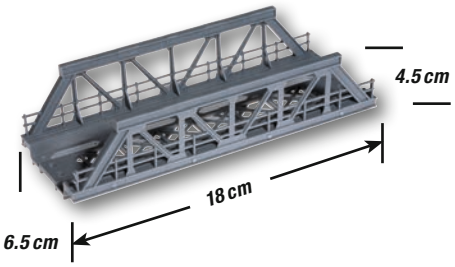
With NOCH Steel Bridges we offer you a complete range of bridges for H0 gauge, which fit all the common track systems – including the Märklin® C track. The plastic bridges look deceptively real, display great attention to detail and are easy to build.



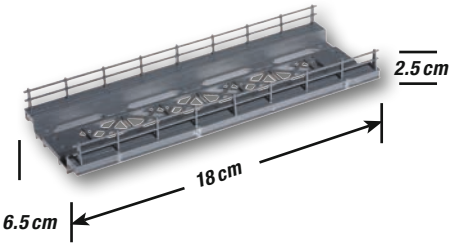
H0 **21310** ***Girder Bridge***
bridge kit, to plug-in and to glue



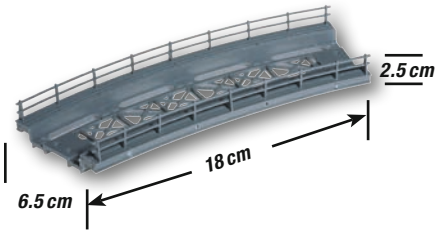
H0 **21320** ***Box-Girder Bridge***
with lateral bracing, bridge kit, plug-in elements



H0 **21330** ***Approach Bridge***
bridge kit, plug-in elements



H0 **21340** ***Bridge Base Straight***
bridge kit, plug-in elements



H0 **21350** ***Bridge Base Curved***
radius 360 mm
bridge kit, plug-in elements

Foam Ramps

NOCH Ramps are made of a very flexible yet sturdy foam material that can effortlessly be adapted to your rail plan. NOCH Ramps are available in different heights and lengths. If you have enough space, we recommend that you always select the long version with the lower gradient. The low version is for layouts operating without the use of a catenary system.



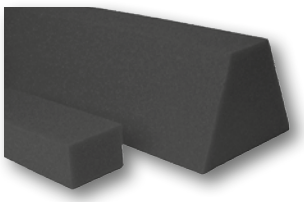
H0 **99356** ***Ramp with embankment***
single track, 4 % grade, 260 cm x 5.5 cm, 10 cm high

H0 **99358** ***Ramp without embankment***
single track, 8 % grade, 115 cm x 5.2 cm, 8 cm high

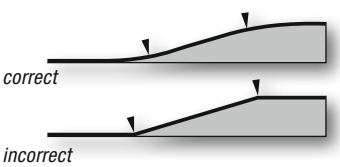
H0 **99359** ***Ramp without embankment***
single track, 6 % grade, 175 cm x 5.2 cm, 9 cm high

H0 **99360** ***Ramp without embankment***
single track, 7 % grade, 60 cm x 6 cm, 4 cm high

N **99348** ***Ramp without embankment***
single track, 3.5 % grade, 135 cm x 3.8 cm, 4.5 cm high



The illustration shows a H0 scale ramp with an embankment (rear) and an N scale ramp without an embankment (front).





Just Like the Original

Whether it's a big city station or a marshalling yard, an ICE main line or a branch line, matching walls, arcades and portals to their surroundings characterises the face of a railway landscape – in real life as well as in your model layout. NOCH offers an incomparably large selection of various materials: from Structured Hard Foam, plastic and embossed cardboard to 3D Structured Sheets or 3D Cardboard Sheets.

G 1 O HO TT N Z



Portals, Walls and Arcades

Structured Hard Foam – from page 94
- *Light, sturdy and self-supporting*
- *Very realistic, three-dimensional surfaces*
- *Hand-painted and weathered, easy to work with*

Embossed Cardboard Wall Sheets – from page 104
- *Realistic surfaces*
- *Very easy to work with*
- *Reasonably priced*

Plastic Portals – page 104
- *Realistic surfaces*
- *Sturdy*
- *Reasonably priced*

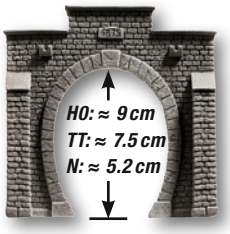
3D Structured Textures and 3D Cardboard Sheets – page 105
- *Realistic*
- *Flexible*
- *Very easy to work with*

‘Stone Wall PROFI-plus’ Hard Foam Series

The ‘Stone Wall PROFI-plus’ series is a highlight of any realistic display of walls and portals. The detailed surface structure, the three-dimensional design and the many small details like wall finishes, ledges or drainpipes, make every wall an eye-catcher on your layout.

Bestseller!

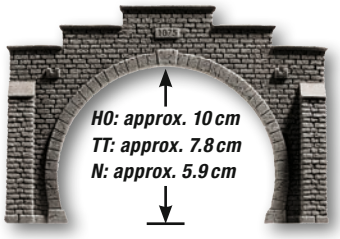




H0 **58051** **Tunnel Portal**
single track
13.5 cm x 12.5 cm

TT **48051** **Tunnel Portal**
single track
10 cm x 10 cm

N **34851** **Tunnel Portal**
single track
7.9 cm x 7.6 cm



H0 **58052** **Tunnel Portal**
double track
21 cm x 14 cm

TT **48052** **Tunnel Portal**
double track
16 cm x 10.5 cm

N **34852** **Tunnel Portal**
double track
12.3 cm x 8.5 cm



H0 **58054** **Wall**
33.4 cm x 12.5 cm

TT **48054** **Wall**
25.8 cm x 9.8 cm

N **34854** **Wall**
19.8 cm x 7.4 cm

H0 **58055** **Wall**
extra long
66.8 cm x 12.5 cm

N **34855** **Wall**
extra long
39.6 cm x 7.4 cm



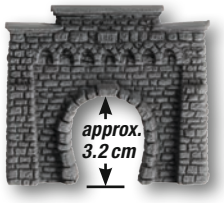
H0 **58056** **Retaining Wall**
33.4 cm x 12.5 cm

TT **48056** **Retaining Wall**
25.8 cm x 9.8 cm

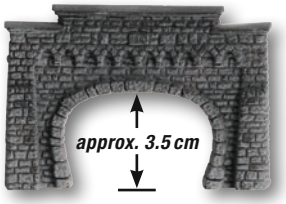
N **34856** **Retaining Wall**
19.8 cm x 7.4 cm

H0 **58057** **Retaining Wall**
extra long
66.8 cm x 12.5 cm

N **34857** **Retaining Wall**
extra long
39.6 cm x 7.4 cm



Z **44810** **Tunnel Portal**
single track
6.5 cm x 6 cm



Z **44820** **Tunnel Portal**
double track
8.5 cm x 6.5 cm



Z **44920** **Arcade Wall**
13 cm x 7 cm







Made in Germany

HO **58058** ***Arcade Wall***
33.4 cm x 12.5 cm

TT **48058** ***Arcade Wall***
25.8 cm x 9.8 cm

N **34858** ***Arcade Wall***
19.8 cm x 7.4 cm

HO **58059** ***Arcade Wall***
extra long
66.8 cm x 12.5 cm

N **34859** ***Arcade Wall***
extra long
39.6 cm x 7.4 cm

Craft Tip:
Advantages of NOCH Hard Foam Walls and Portals

Hard foam is a very versatile and lightweight material with a super realistic surface. It is very easy to cut and carve with a saw or a craft knife. You can heat up the material with the help of a heat gun and shape it through careful bending. Hard foam pieces can be attached with hot-melt adhesive or contact glue.

Once they have been installed in the landscape, you can decorate the portals and walls in the desired colour with NOCH Acrylic Sprays and Acrylic Paints.





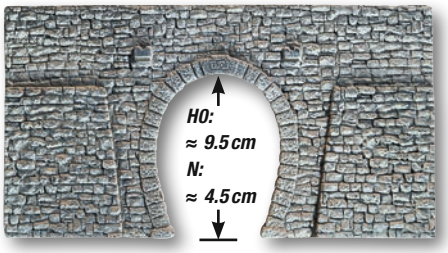






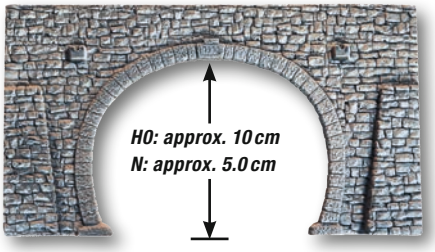
'Quarrystone Wall' Hard Foam Series

Stone on stone: the 'Quarrystone Wall' Hard Foam Series creates a convincing impression with its extremely realistic stone structure. The products in this series have the same stone structure as almost all the viaducts and bridges on pages 88 to 89 in this catalogue. The items in this series therefore lend themselves well to building tunnel entrances or barriers in the immediate vicinity of NOCH Structured Hard Foam Bridges.



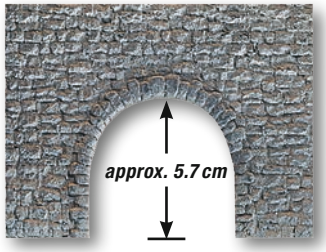
HO **58247** ***Tunnel Portal***
single track, 23.5 cm x 13 cm

N **34937** ***Tunnel Portal***
single track, 16 cm x 9 cm



HO **58248** ***Tunnel Portal***
double track, 23.5 cm x 13 cm

N **34938** ***Tunnel Portal***
double track, 16 cm x 9 cm



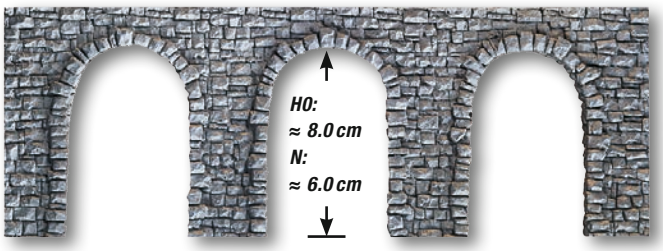
HO **58300** ***Underpass***
14 cm x 10 cm



HO **58250** ***Wall***
23.5 cm x 12.5 cm

HO **58255** ***Wall***
extra long, 65 cm x 12.5 cm

N **34940** ***Wall***
16 cm x 9 cm



HO **58260** ***Arcade Wall***
open, 27 cm x 10 cm

N **34942** ***Arcade Wall***
open, 19 cm x 9 cm



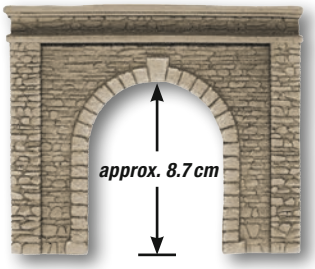
Note: *most of the NOCH Structured Hard Foam Bridges (see from page 87) have the same stone structure as the 'Quarrystone Wall' Series shown here. Therefore, the Hard Foam Bridges and 'Quarrystone Wall' Hard Foam Series can be perfectly combined. Today, there are still many rock portals along mountain railway lines.*





‘Natural Stone Wall’ Hard Foam Series

Natural stone walls are very common, especially in rural areas. Walls, arcades and portals are elaborately built with the help of stones that are regionally milled. The ‘Natural Stone Wall’ Hard Foam Series delights with its extremely realistic stone structure and the multidimensional design of many details, such as ledges or protrusions. The portals are suitable for catenary operation.



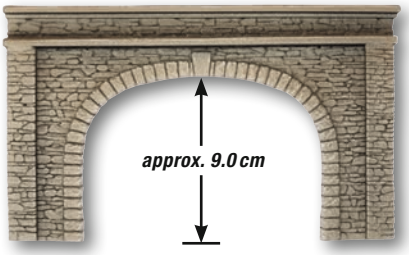
H0 **58061** ***Tunnel Portal***
single track, 15 cm x 12.5 cm



H0 **58064** ***Wall***
33 cm x 12.5 cm

H0 **58065** ***Wall***
extra long, 66 cm x 12.5 cm





H0 **58062** ***Tunnel Portal***
double track, 22 cm x 13 cm



H0 **58066** ***Retaining Wall***
33 cm x 12.5 cm

H0 **58067** ***Retaining Wall***
extra long, 66 cm x 12.5 cm



ICE Tunnel Portal

High-quality foam tunnel portal for new construction Deutsche Bahn routes. Double track, suitable for catenary operation.



H0 **58040** ***ICE Tunnel Portal***
18 cm x 23 cm
Clearance height approx. 12 cm



‚Concrete Wall' Hard Foam Series

The 'Concrete Wall' Hard Foam Series impress with deceptively realistic concrete texture and fine details. Each concrete wall and each concrete portal is realistically coloured by hand and features the typical surface of real concrete formwork. Made from high-quality structured hard foam, they offer the perfect combination of stability and ease of use.



HO **58091** ***Concrete Portal***
single track, 7 cm x 9.9 cm



HO **58092** ***Concrete Portal***
double track, 12.8 cm x 9.9 cm



HO **58093** ***Concrete Wall***
29.5 cm x 9.9 cm



HO **58094** ***Concrete Arcade Wall***
open, 29.5 cm x 9.9 cm



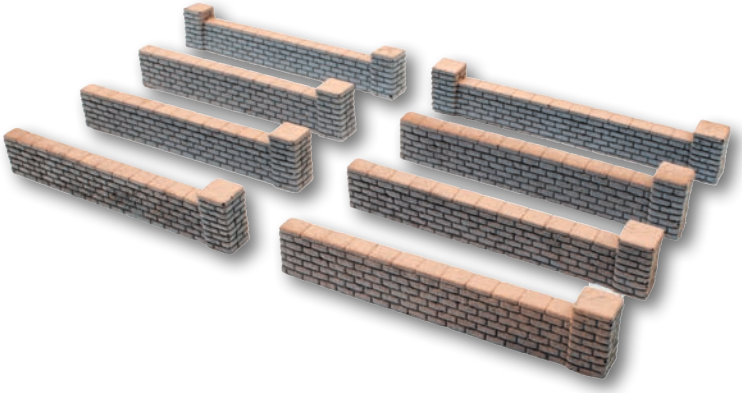
HO **58095** ***Concrete Arcade Wall***
closed, 29.8 cm x 9.9 cm

G 1 0 HO TT N Z



Wall 'Stone Wall PROFI-plus'

These hard foam walls are the perfect enclosures for model buildings, fields, plots of land, etc. They are made of high-quality NOCH Structured Hard Foam and therefore look extremely realistic. The walls are also lightweight and can be easily reworked.
The products from the Stone Wall Series PROFI-plus all have the same wall structure. They can therefore be ideally combined with the various wall panels from the series of the same name (e.g. refs. 58054 Wall or 58056 Retaining Wall).
The walls are hand-coloured and ready to install – simply remove from the packaging and install in the model landscape.



H0 **58285** ***Stone Wall PROFI-plus***
6 x wall section 1 (supporting pillar on one side) each approx. 13 cm x 2.4 cm
2 x wall section 2 (supporting pillars on both sides) each approx. 14.4 cm x 2.4 cm
Total length approx. 107 cm

Craft Tip:
Processing Hard Foam Walls







The walls are supplied ready to install. Further processing is not necessary, but is generally possible.

Here are a few tips: *You can mould the walls with hot air or hot water. To do this, first boil approx. 0.5 litres of water. Then pour a thin stream of water over the desired area for about 30 to 40 seconds and carefully bend the wall into the desired shape. Now hold the wall in this position until it has cooled down completely.*

The walls can then be primed with light-coloured acrylic paint. They can later be individually coloured using the colours from the NOCH Nature Paints Set (ref. 61200). To better emphasise the wall structure, you can also finish the walls with white or light grey paint using the dry wipe technique.

Matching Hard Foam Accessories

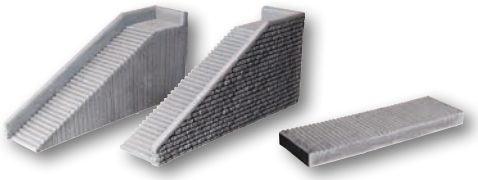
Made in Germany

Stairs Set

Realistic stairs made of hard foam. This kit consists of two staircases (left- and right-ascending) as well as a flat 'Steps' piece for building individual steps. The wall structure corresponds to the Hard Foam Series 'Stone Wall PROFI-plus'.

Dimensions of staircases:
14.5 cm x 3.3 cm, 6.6 cm high. Length and height can be individually shortened.

Dimensions of 'Steps' piece:
15 cm x 4.5 cm, can be individually shortened.





HO **58303** ***Stairs Set***
left- and righthand ascending, 3 pieces

Open-Air Staircases

The two open-air staircases can be used to great effect in parks, squares or in front of stately buildings. The staircases are made of hard foam and can therefore be easily modified with craft tools (see page 102 onwards) and adapted to the installation situation. They are also hand-coloured, offering maximum realism for professional model builders!



HO **58316** ***Open-Air Staircase, straight***
Contents: 2 pieces, 7.4 cm x 7.9 cm x 3 cm



HO **58315** ***Open-Air Staircase, curved***
20.5 cm x 10 cm x 3 cm



Interior Tunnel Walls

Made in Germany

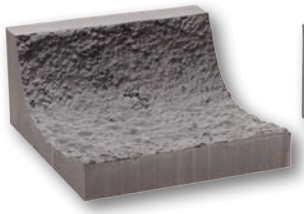
When looking into a tunnel on most model railway layouts, you look into a black hole. The layout becomes much more realistic with interior tunnel walls. The tunnels can be lined with either a stone or a rock structure. Each pack contains a left and a right straight or curved interior tunnel wall.
The wall structure corresponds to the Hard foam series 'Stone Wall PROFI-plus'.

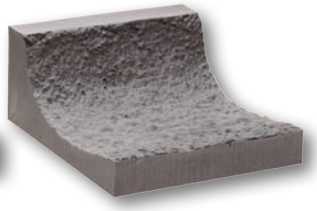












HO HOe HOm **58030** ***Interior Tunnel Wall, straight***
2 pieces, 10 cm long

HO HOe HOm **58031** ***Interior Tunnel Wall, curved***
2 pieces, 10 cm long each, suitable for all radii

HO HOe HOm **58032** ***Interior Rock Tunnel Wall, straight***
2 pieces, 9.5 cm long

HO HOe HOm **58033** ***Interior Rock Tunnel Wall, curved***
2 pieces, 9.5 cm long each, suitable for all radii

The interior tunnel walls are glued to the tunnel entrance.

Scale Replacement Portals

Scale Replacement Portals serve to reduce the dimensions of tunnel entrances of larger gauges to those of smaller gauges. This is necessary, for example, when using a NOCH H0 preformed layout in TT or N gauge. All scale replacement portals are suitable for catenary operation.



TT **48800** ***Scale Replacement Portal,*** *double track reduces the tunnel portal from H0 scale to TT scale 2 pieces, 14 cm x 10.5 cm Clearance height approx. 7.0 cm*



TT **48790** ***Scale Replacement Portal,*** *single track reduces the tunnel portal from H0 scale to TT scale 2 pieces, 14 cm x 10.5 cm Clearance height approx. 6.0 cm*



Z **44800** ***Scale Replacement Portal,*** *double track reduces the tunnel portal from N scale to Z scale 2 pieces, 9 cm x 7 cm Clearance height approx. 3.5 cm*



Z **44790** ***Scale Replacement Portal,*** *single track reduces the tunnel portal from N scale to Z scale 2 pieces, 9 cm x 7 cm Clearance height approx. 3.1 cm*

Finally: The Right Tool for Every Application!

NOCH Special Tool Set, 36 pieces

The contents of the set have been compiled by the professional modellers at NOCH and are therefore ideal for processing the various NOCH handicraft articles.
The set includes cutting tools such as sharp scalpels, the matching NOCH cutting mat, a metal ruler and a fine saw. A fine side cutter for plastic, various files and abrasives, a hand drill, tweezers, small bottles for colours, brushes, a NOCH pencil and lots of accessories round off the set. The tools are quickly stowed away in the matching tool bag and are therefore always ready to hand for the next job!



60050 ***NOCH Special Tool Set, 36 pieces***

Contents:

- *1 cutting mat 220 mm x 150 mm, 2 mm thick*
- *1 metal ruler, 150 mm*
- *1 side cutter for plastic parts*
- *3 files*
- *1 double-sided modelling tool*
- *1 fine scalpel*
- *6 blades for scalpel*
- *3 flexi sanding pads 90 mm x 19 mm, 6 mm thick*
- *1 tool handle*
- *1 scalpel blade for tool handle*
- *1 fine saw blade for tool handle*
- *1 hand drill*
- *5 drill bits (1.0, 1.2, 1.4, 1.5 and 1.8 mm)*
- *1 pair of straight tweezers*
- *1 pair of curved tweezers*
- *3 resealable vials, 10 ml*
- *3 flat brushes, 6 mm*
- *1 pencil*
- *1 tool bag with zip fastener*

Contents:



Endlessly Flexible & Creative!

Hard Foam DIY Slabs

With the NOCH Hard Foam DIY Slabs you can design walls, copings, barriers, roads, squares and much more. The DIY Slabs are made of NOCH Hard Foam and are easy to work with. They can be shaped quickly with a saw or a craft knife. Textures such as wall cracks or joints can be etched in with knives, files and cutting tools. Hot glue is suitable for glueing.



58301 ***Hard Foam DIY Slabs, 5 pieces***
Contents:
1 Slab 35 cm × 18 cm, 2 cm strong
2 Slabs 35 cm × 18 cm, 1.2 cm strong
2 Slabs 35 cm × 18 cm, 0.6 cm strong

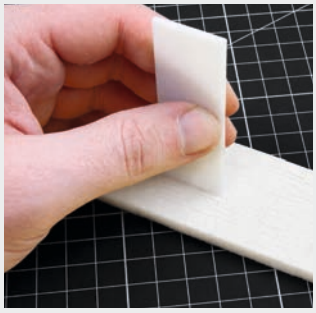
Craft Tip:
NOCH DIY Slabs



The DIY Slabs are simply cut into shape with a craft knife.



Hot glue is suitable for glueing.



Cracks, joints and textures can be etched in the material with knives and cutting tools.



The NOCH Acrylic Paints can be used to create an individual colour tone.

Structured Powder

NOCH Structured Powder is extremely fine to enable you to add texture to roads, squares, walls and other components. Just sprinkle the powder evenly over the surface coated with NOCH Grass Glue. When the Grass Glue is dry, you can paint over the surface with e.g. NOCH Structured Road Construction Paint or NOCH Acrylic Color to seal the area.



60822 ***Structured Powder***
Contents: 500 g

Craft Tip
NOCH Structured Powder



The surface is coated with NOCH Grass Glue (ref. 61130 or 61131).



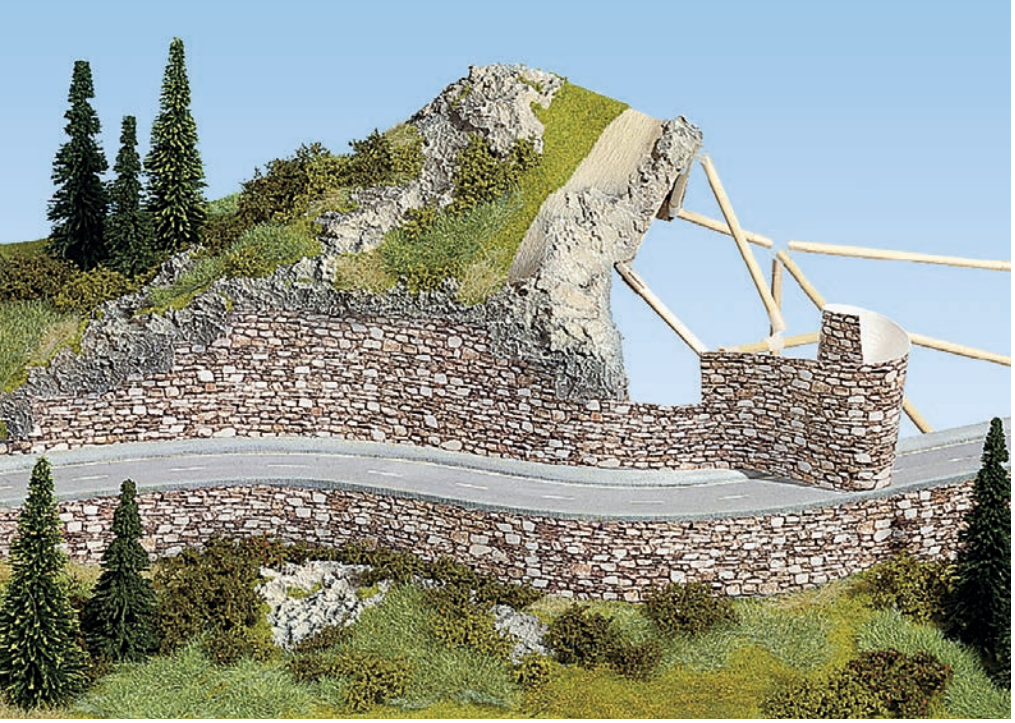
The Structured Powder is sprinkled over the glue. This is very easy to do with roads and squares …



… but also with walls, ledges, etc. using the NOCH PROFI Shaker (ref. 08099).



Once the glue has dried, NOCH Structured Road Construction Paint (e.g. ref. 60825) is applied.



NOCH Embossed Cardboard Walls

Working with NOCH Embossed Cardboard Walls is very easy:
Simply use scissors to cut the cardboard sheets with their various photorealistic wall patterns and then glue them on.

Best value!

Info Tip:
Product Advantages

- Realistic appearance by means of photorealistic wall patterns
- Structured surfaces, since the wall sheets are made of embossed cardboard
- Easy to work with: cut with scissors and glue on
- Available in two lengths



0 HO TT **57510** **Cardboard Wall 'Granite'**
32 cm x 15 cm

0 HO TT **57700** **Cardboard Wall 'Granite'**
extra long, 64 cm x 15 cm



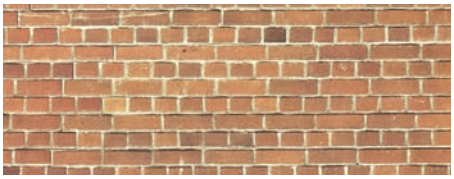
0 HO TT **57520** **Cardboard Wall 'Dolomite'**
32 cm x 15 cm

0 HO TT **57710** **Cardboard Wall 'Dolomite'**
extra long, 64 cm x 15 cm



0 HO TT **57530** **Cardboard Wall 'Basalt'**
32 cm x 15 cm

0 HO TT **57720** **Cardboard Wall 'Basalt'**
extra long, 64 cm x 15 cm



0 HO TT **57550** **Cardboard Wall 'Red Brick'**
32 cm x 15 cm

0 HO TT **57730** **Cardboard Wall 'Red Brick'**
extra long, 64 cm x 15 cm



0 HO TT **57560** **Cardboard Wall 'Cut Quarrystone'**
32 cm x 15 cm

0 HO TT **57740** **Cardboard Wall 'Cut Quarrystone'**
extra long, 64 cm x 15 cm



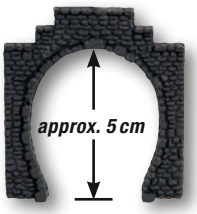
0 HO TT **57570** **Cardboard Wall 'Yellow Sandstone'**
32 cm x 15 cm

0 HO TT **57750** **Cardboard Wall 'Yellow Sandstone'**
extra long, 64 cm x 15 cm

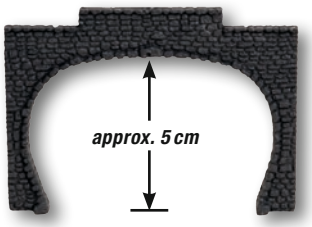
Plastic Portals

These incredibly sturdy portals made through plastic injection moulding are ideal for placing visually-appealing portals in a model landscape for very little money.

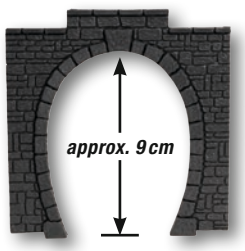
Best value!



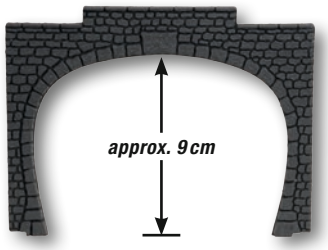
N **34400** **Tunnel Portal**
single track,
5.5 cm x 6.5 cm, 2 pieces



N **34410** **Tunnel Portal**
double track
9.5 cm x 7 cm, 2 pieces



HO **60010** **Tunnel Portal**
single track
11 cm x 11 cm, 2 pieces



HO **60020** **Tunnel Portal**
double track
15.5 cm x 12.5 cm, 2 pieces



Z **44420** **Tunnel Portal**
single track
9 cm x 4 cm, 2 pieces



Z **44430** **Tunnel Portal**
double track
12 cm x 4 cm, 2 pieces



For Perfect Modelling – Places and Walls from Natural Materials 3D Structured Sheets

The flexible sheets, measuring 28 cm x 10 cm, are three-dimensionally structured and have a super-realistic surface.
The 3D Structured Sheets are made from the natural raw materials quartz sand and mineral powder, which guarantee a very natural-looking surface and great feel. The 3D Structured Sheets are therefore the first choice for demanding hobbyists who value realistic and detailed models.

Due to innovative production technology based on a thin but stable backing fabric and using solvent-free bonding agents, the 3D Structured Sheets are highly flexible.

***Attention:** do not process the 3D Structured Sheets at temperatures below 15°C. Risk of breakage!*



HO **60370** ***3D Structured Wall 'Layer-Masonry'***
28 cm x 10 cm



HO **60365** ***3D Structured Wall 'Stone Slabs'***
28 cm x 10 cm



HO **60372** ***3D Structured Wall 'Ashlar Masonry'***
28 cm x 10 cm



HO **60371** ***3D Structured Wall 'Quarrystone Wall'***
28 cm x 10 cm

3D
STRUKTURFOLIE

Highlights of the 3D Structured Sheets:
- three-dimensional & super realistically structured surfaces
- made from the natural materials quartz sand and mineral powder
- in realistic colours
- high UV resistance
- malleable when heated
- easy to work with

Craft Tip:
How to work with the 3D Structured Sheets



The 3D Structured Sheet can be cut to size with a pair of scissors or a knife.
Note: due to the way they are produced, some sheets have a protective edge which can be removed in this way.



Adhesive is applied to the substrate.
We recommend UHU POR. It can be spread with a spatula.



The 3D Structured Sheet is pressed onto the glue bed and adjusted on the substrate. Colour treatment can subsequently be undertaken using any solvent-free paints (e. g. Nature Paints Set ref. 61200).



Embossed Walls, Roofs and Walls for Customised Models in H0 and N Gauge!

3D Cardboard Sheets

Best value, realistic & easy to process!

The 3D Cardboard Sheets are printed on thick cardboard in realistic matt colours and then press formed. This creates a beautiful surface. Wall, roof and wooden sheets can be easily cut with a pair of scissors or a craft knife. Since they are made of high-quality cardboard, they can be bent and fixed to the landscape with a hot glue gun or NOCH Landscaping Glue (ref. 61133).

For example, plastic bridge piers or simply walls and portals made of plywood or chipboard can be realistically clad. To simplify the designing of tunnel portals for you, a cutting pattern is printed on the cardboard sheets, which are suitable for tunnel portals in H0, TT and N scale widths. There's no limit to your imagination!

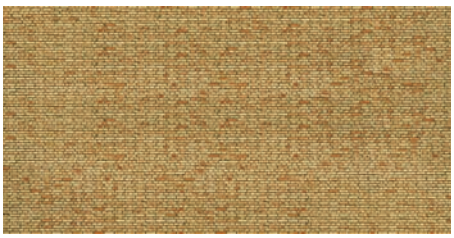


H0 **56605** *3D Cardboard Sheet 'Brick'*
yellow-multicoloured, 25 cm x 12.5 cm



H0 **56610** *3D Cardboard Sheet 'Clinker'*
red, 25 cm x 12.5 cm

N **56910** *3D Cardboard Sheet 'Clinker'*
red, 25 cm x 12.5 cm



H0 **56613** *3D Cardboard Sheet 'Clinker'*
yellow-multicoloured, 25 cm x 12.5 cm



H0 **56640** *3D Cardboard Sheet 'Quarrystone Wall'*
multicoloured, 25 cm x 12.5 cm

N **56940** *3D Cardboard Sheet 'Quarrystone Wall'*
multicoloured, 25 cm x 12.5 cm



H0 **56642** *3D Cardboard Sheet 'Lime Stone Wall'*
beige, 25 cm x 12.5 cm

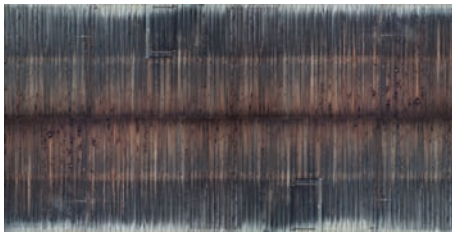


H0 **56669** *3D Cardboard Sheet 'Industrial Wall'*
25 cm x 12.5 cm

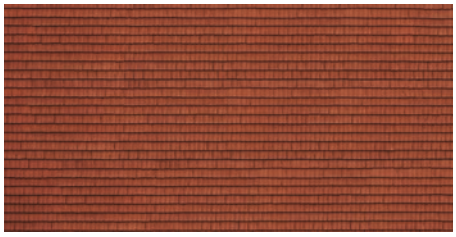
1 G 0 H0 TT N Z



HO **56664** *3D Cardboard Sheet 'Timber Wall'*
25 cm x 12.5 cm

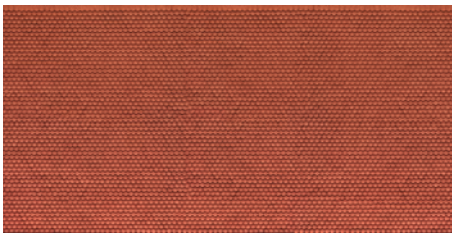


HO **56665** *3D Cardboard Sheet 'Timber Wall'*
weathered, 25 cm x 12.5 cm



HO **56670** *3D Cardboard Sheet 'Roof Tile'*
red, 25 cm x 12.5 cm

N **56965** *3D Cardboard Sheet 'Roof Tile'*
red, 25 cm x 12.5 cm



HO **56690** *3D Cardboard Sheet 'Plain Tile'*
red, 25 cm x 12.5 cm



HO **56691** *3D Cardboard Sheet 'Plain Tile'*
grey, 25 cm x 12.5 cm



HO **56721** *3D Cardboard Sheet*
***'Old Town Pavement'**, 25 cm x 12.5 cm*

N **56981** *3D Cardboard Sheet*
***'Old Town Pavement'**, 25 cm x 12.5 cm*



HO **56722** *3D Cardboard Sheet*
***'Modern Pavement'**, 25 cm x 12.5 cm*

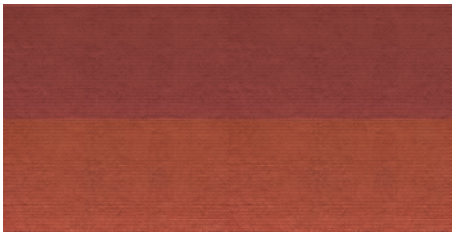
N **56982** *3D Cardboard Sheet*
***'Modern Pavement'**, 25 cm x 12.5 cm*



HO **56723** *3D Cardboard Sheet*
***'Irregular Pavement'**, 25 cm x 12.5 cm*



N **56964** *3D Cardboard Sheet 'Timber Wall'*
25 cm x 12.5 cm



N **56970** *3D Cardboard Sheet 'Plain Tile'*
red, 25 cm x 12.5 cm



N **56971** *3D Cardboard Sheet 'Plain Tile'*
grey, 25 cm x 12.5 cm



HO **56601** *Display Box 3D Cardboard Sheets*
Contents: 112 pieces, assorted

N **56900** *Display Box 3D Cardboard Sheets*
Contents: 80 pieces, assorted

Craft Tip:
3D Cardboard Sheets









The 3D Cardboard Sheets can be easily cut with a knife or a pair of scissors. The cardboard is sturdy but can still be easily bent and affixed with craft glue (e.g. NOCH Landscaping Glue, ref. 61133). In this way, customised structures can be created in no time at all.



Rugged Rocks and Breathtaking Rock Walls

Rocks and rock walls are the 'icing on the cake' when it comes to designing a model landscape. NOCH offers you various options for creating fascinating and realistic model rocks.

And as nothing looks more realistic than real natural products, you will also find a wide variety of natural materials in our range, such as our Natural Cork.

G 1 0 HO TT N Z



Rocks and Rock Walls

Rocks made of natural cork bark – page 112
- *The traditional modelling method*
- *Large cork pieces in the best quality*

Rock Compound – page 112
- *Simply mix with water and apply*

Structured Hard Foam Rocks – from page 113
- *Sturdy and lightweight*
- *Super realistic and three-dimensional surfaces*

Rock Forming System – from page 116
- *Cast rocks in reusable moulds and paint them realistically*

Wrinkle Rocks – from page 118
- *Super-easy application*
- *High-quality special paper*



NOCH Rocks and Their Applications

Rock faces that are conquered by climbers, pieces of rock that frame tunnel portals or cliffs by the sea: model rock construction is one of the biggest challenges while simultaneously a great deal of fun. We would like to give you an overview of various techniques to make it easier for you to use them on the way to the perfect result.

Rock Compound



Refs. 60880, 60890, 60882 and 60892, page 112
Suitable for simple, rough rock faces and stone walls that require little volume, for filling in hard foam rocks, and for designing transitions to walls and portals.

Application:
NOCH Rock Compound is mixed with water and can then be easily applied with a putty knife. Due to the special composition of the material, the surface is rough once set and can be coloured with acrylic paints and sprays if necessary. Also ideal for designing transitions between rocks, walls and portals.

Hard Foam Rock Pieces and Rock Walls



Refs. 58451, 58452, 58470, 58480, 58490, 58462 and 58152, pages 113 to 115
Suitable for designing realistic, customised rocky sections (Rock Pieces) to extensive rock faces (Rock Walls).

Application:
Rock Pieces and Rock Walls made of NOCH Hard Foam can easily be cut into the desired shape with a saw, a sturdy craft knife or a file. The pieces are then stuck onto the substrate using hot glue. The rocky section can then be smoothed into the landscape with Rock Compound. In this way, transitions to tunnel portals and walls can be designed very easily and customised. If desired, rocks and compound can be subsequently coloured with acrylic paints and sprays.

Rock Forming System



Refs. 61231, 61232, 61233, 61234 and 61235, page 116
The supreme discipline within rock construction! The filigree structure of the cast rocks in combination with custom, realistic colouring is guaranteed to attract everyone's attention and ensures the highest degree of realism.

Application:
The special PROFI Casting Compound (ref. 60918) is poured into the Rock Forming Moulds. After hardening, the rocks are separated from the mould and attached individually or as a group on the substructure, e.g. with hot glue. The gaps and transitions are then filled in with Modelling Compound (ref. 60920) and modelled. NOCH Nature Paints Set (ref. 61200) can be used for colouring. Perfectly realistic and customised rocks are thus created.

Wrinkle Rocks

Refs. 60301, 60302, 60303, 60304, 60305, 60307, 60309 and 60311, pages 118 and 119
The easiest way to make impressive rocks.

Application:

The name says it all: simply wrinkle the printed sheet in your hands. The more you crumple and wrinkle, the more folds and thus texture the Wrinkle Rock sheet will have. The Wrinkle Rock can now simply be glued into the landscape.



Product Overview Rocks	***Material and applications***	***Pros***	***Cons***	***Catalogue page***
Rock Compound	*Compound is mixed with water and processed*	• Easy to use • Inexpensive material price, therefore well-suited for large areas • Can be coloured with acrylic paints and sprays • Combination with NOCH Hard Foam possible, therefore ideal for filling in pieces of rock and for designing the transitions from rocks to portals and walls	• Little plasticity and volume • Can only be modelled to a limited extent • Extensive cleaning of workspace, tools and washbasin required after use	*112*
NOCH Hard Foam Rock Pieces	*NOCH Hard Foam, ready-to-install shape and colour scheme*	• Ideal for designing rocky sections • True-to-life, ready-to-install shape • Realistic surface structure and colour scheme • Can be easily reworked and brought into shape (by sawing, cutting, sanding, etc.) • Can be coloured with acrylic paints and sprays • Transitions between pieces of rock and walls and portals can be designed with Rock Compound • Self-supporting (e.g. for sticking bushes and trees in suitable spots) • Heat-resistant (can be processed with hot glue) • Lightweight	• Minimum level of experience required • Filling required in most cases • Dust is created when sawing and sanding; cleaning of workspace required	*113*
NOCH Hard Foam Rock Walls	*NOCH Hard Foam, ready-to-install shape and colour scheme*	• Ideal for designing larger rock faces • Possible to adapt to personal installation setup • Realistic surface structure and colour scheme • Can be easily brought into the desired shape (by sawing, cutting, sanding, etc.) • Can be coloured with acrylic paints and sprays • Transitions between pieces of rock and walls and portals can be designed with Rock Compound • Self-supporting (e.g. for sticking bushes and trees in suitable spots) • Heat-resistant (can be processed with hot glue) • Lightweight	• Minimum level of experience required • Filling required in most cases • Dust is created when sawing and sanding; cleaning of workspace required	*114 – 115*
Rock Forming System	*Flexible Rock Forming Moulds, Casting Compound, Modelling Compound, Nature Paints*	• Effortless, super realistic rock shapes • Various shapes with filigree rock structures for you to choose from • 'Continual flow of production': any number of rocks can be cast from one mould • Installation in custom design setup possible by filling in • Super realistic colour scheme • Very sturdy and self-supporting *Tip: since you can cast as many rocks as you like, produce a few test rocks before installing them in the landscape, on which you can try out and learn how to use the Nature Paints (ref. 61200).*	• Individual professional use: filling in with Modelling Compound and colouring with Nature Paints requires practice • Shape of the rocks cannot really be reworked due to their high stability • Heavyweight	*116*
Wrinkle Rocks	*Printed, highly sturdy, special colourfast paper, matte finish*	• Very easy to use; only a pair of scissors and glue are needed • No model-building experience required • What you see is what you get: there are different designs to choose from, so you can see the effect of the rock in the landscape early on • Photorealistic optics • Lightweight • Clean workspace	• Only partially self-supporting	*118 – 119*

Note: please observe the product and processing instructions enclosed with the respective product.



Rocks made of natural cork bark

Cork is a natural material whose surface texture makes it perfectly suited to the designing of true-to-nature rocks.
You get the best quality, hand-picked large cork pieces from NOCH.



08810 ***Cork Rock Pieces***
Rock pieces from natural material, approx. 80 g

Rock Compound

NOCH Rock Compound is mixed with water, applied with a knife or spatula, and hardens within approx. 15 minutes.
Due to its special composition, it automatically forms a 'rocky' surface upon drying, making it particularly easy to design rocky areas.





60880 ***Rock Compound 'Granite'***
grey, 400 g

60882 ***Rock Compound XL 'Granite'***
grey, 1,000 g

60890 ***Rock Compound 'Sandstone'***
brown, 400 g

60892 ***Rock Compound XL 'Sandstone'***
brown, 1,000 g

Structured Hard Foam Rock Pieces

NOCH Rock Pieces are made of the popular, high-grade structured hard foam. The rock pieces can easily be cut or freed from the mounting plate and worked into the appropriate position in the model landscape with compound (e.g. NOCH Rock Compound) or adhesive. NOCH Structured Hard Foam has decided advantages over other materials: it is extremely lightweight, sturdy, very good for working with a craft knife or fret saw, and also weatherproof! So, you will soon become an expert at creating striking mountains and rock walls.



Made in Germany



58451 ***Rock Pieces 'Granite'***
5 pieces



58452 ***Rock Pieces 'Sandstone'***
6 pieces

Craft Tip:
Individually designed rock walls

First, separate the rock pieces from the mounting plate (fig. 1) and then attach them to the mountain with adhesive or compound (fig. 2). Next, work the rock pieces in with NOCH Rock Compound ('Granite', ref. 60880, or 'Sandstone', ref. 60890) or with Modelling Compound (ref. 60920) (fig. 3). Finally, use NOCH Landscaping Paints (see page 199) to paint the entire rock wall.



Separate rock piece from the slab ...



... and attach to the mountain.



Close the gaps and paint the rocks.

Structured Hard Foam Rock Walls

Made in Germany







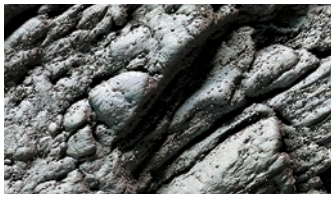
58470 ***Rock Wall 'Granite'***
Structured Hard Foam Model for integrating, ready packed in poly bag, 32 cm x 16 cm







58480 ***Rock Wall 'Stratified'***
Structured Hard Foam Model for integrating, ready packed in poly bag, 33 cm x 19 cm



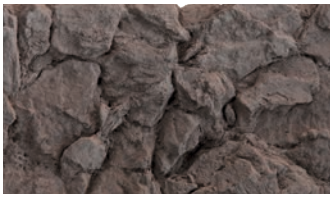




58490 ***Rock Wall 'Limestone'***
Structured Hard Foam Model for integrating, ready packed in poly bag, 32 cm x 18 cm

G 1 0 HO TT N Z







58462 ***Rock Wall 'Basalt'***
Structured Hard Foam Model for integrating, ready packed in poly bag, 32 cm x 21 cm







H0 **58152** ***Rock Fall Barriers***
Structured Hard Foam Model compatible with Rock Wall 'Basalt', packed in poly bag 23.5 cm x 16 cm approx. 3.3 cm deep

Craft Tip:
Working on self-cut NOCH Hard Foam Rock Walls

Working on NOCH Hard Foam Rock Walls is very simple: the rocks are cut up with a sharp knife or a fine saw and smoothed with a fine file. You can also change the shape of the parts by gently heating them with a hair-dryer. The Rock Walls are integrated into your landscape with contact, all-purpose or hot-melt glue; alternatively, they can be pressed into the compound before it has set (Rock Compound 'Granite', ref. 60880, or 'Sandstone', ref. 60890). It is also possible to completely integrate solid rocks in the landscape. All NOCH hard foam products can be painted in any colour you like – preferably with NOCH Landscaping Paints (see 'Paints and Glues' chapter on page 388)



Saw the rock slab ...



... glue it with a hot glue gun ...



... and then paint it.



Create Realistic and Cost-Effective Rock Walls and Mountain Slopes!

The NOCH Rock Forming System

The NOCH Rock Forming System consists of five different rock forming moulds in a 24 cm x 12 cm format. The NOCH PROFI Casting Compound (ref. 60918) was specially developed for this purpose. This allows you to magically create deceptively real individual rocks, rock walls and stone formations.
No matter whether it's a mountain mass or individual rocks along a railway embankment being formed, the NOCH Rock Forming System offers the perfect solution: duplicating rocks from a single mould is possible with the PROFI Casting Compound in almost unlimited quantities. As a result, cast rocks are very cost-effective and suitable above all for designing large rock and stone surfaces.
The casting moulds have a special inner coating, which makes it easier to remove the rocks after they have hardened. The moulds are packaged in such a way as to serve as a solid casting frame at the same time.
This frame is placed under the Rock Forming Mould to stabilise it.
The PROFI Casting Compound can then be poured evenly into it.



61231 ***Rock Former 'Alpspitze'***
1 large rock, 250 ml



61232 ***Rock Former 'Hochvogel'***
3 medium sized rocks, 150 ml



61233 ***Rock Former 'Widderstein'***
1 large rock, 2 small rocks, 150 ml



61234 ***Rock Former 'Mittagsspitze'***
1 medium sized rock, 2 small rocks, 150 ml



61235 ***Rock Former 'Rote Wand'***
2 large rocks, 200 ml

Craft Tip:
Casting rocks



The rock forming mould is sprayed with a release agent consisting of water (20:1) and detergent.



The enclosed casting frame enables the NOCH PROFI Casting Compound to be poured in evenly.



After hardening, the individual rocks are carefully pushed out of the mould.



With the help of a putty knife, the rocks can be incorporated into the landscape and the transitions can be modelled.



The rocks are now painted. For this, highly-diluted NOCH Natural Paints are applied with a sponge spatula.



Different colours are applied until the desired result is achieved.

Highlights of the NOCH Rock Forming System:

- *Cost-effective – cast any number of rocks from every mould*
- *Perfectly shaped – PROFI Casting Compound for the finest structures*
- *Clever – Casting Frame enables even pouring*
- *Innovative – special inner coating for easier removal*
- *Super realistic – painting with NOCH Nature Paints*



With the NOCH Casting Frame



Conventional casting mould

PROFI Casting Compound:
The special NOCH PROFI Casting Compound can be easily mixed with water in a ratio of 1:3 to fill bubble-free rock forming moulds with a high degree of robustness.
It is white when hardened and is thus the perfect base material for self-cast rocks, which are then painted with NOCH Natural Paints.

The rock forming moulds specify the volume of the rocks, so you can easily work out the amount of Casting Compound required for your project.

Nature Paints Set:
NOCH Nature Paints are perfectly matched to the earthy and natural shades of rocks.
The Nature Paints Set contains 20 ml of highly-concentrated paint in six different shades: beige, ochre, olive, earth brown, grey and black. The paints are diluted with water before use and applied with the enclosed sponge spatula or the Landscaping Spray Bottle (ref. 61140). This allows you to add nuanced shades to your rocks or paint your ground before flocking.

Landscaping Spray Bottle:
The Landscaping Spray Bottle has a number of different applications.
Before pouring in the PROFI Casting Compound, a squirt of release agent, made of water and detergent (20:1), can be sprayed into the mould. This makes it easier to remove the finished rock later.
In addition, the Spray Bottle is ideal for spraying highly diluted paint onto plastered rocks. Info on the Landscaping Spray Glue can be found on page 394.



60918 ***PROFI Casting Compound 1,000 g***
for approx. 800 ml



61200 ***Nature Paints Set, 6 colour concentrates***
each 20 ml, 1 mixing cup, 1 sponge spatula



61140 ***Landscaping Spray Bottle,*** *empty*



‘Are You Still Plastering or Already Wrinkling?’

Wrinkle Rocks – THE Original from Austria!

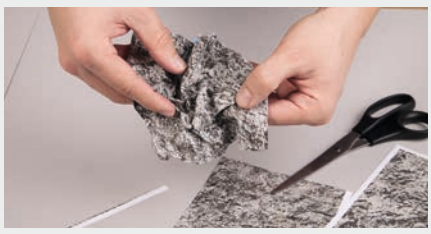
Wrinkle Rocks make it easy to create super-realistic rock formations in no time at all. The photorealistic rocks are printed on special paper, which is extremely robust and at the same time easy to wrinkle. Just don’t be afraid: the more crazily and fiercely you wrinkle, the finer the structures become in the rock. And it looks really good!
Fitting it in the landscape is incredibly easy. The wrinkled sheet of rock can easily be affixed to the landscape with NOCH Landscaping Glue (ref. 61133). The sheet can easily be bent over the terrain.

NOCH Wrinkle Rocks have been developed in cooperation with the Andreas Dietrich Modelling Studio in Austria. Andreas Dietrich invented the original Wrinkle Rocks a few years ago and has registered this as a trademark.

Product Highlights:
- *Super-easy application*
- *Photorealistic look*
- *High-quality special paper*
- *Lightweight*
- *Wrinkle Rocks from Austria – THE original!*

Video clip

Craft Tip:
Wrinkle Rocks



1. The Wrinkle Rocks are wrinkled, crumpled and creased!



2. This produces a convincing structure.



3. The Wrinkle Rocks are built into the landscape.

1 G 0 HO TT N Z



0 H0 TT N **60301** ***Wrinkle Rocks 'Großglockner'***
45 cm x 25.5 cm



0 H0 TT N **60302** ***Wrinkle Rocks 'Wildspitze'***
45 cm x 25.5 cm

60307 ***Wrinkle Rocks XL 'Wildspitze'***
61 cm x 34.5 cm

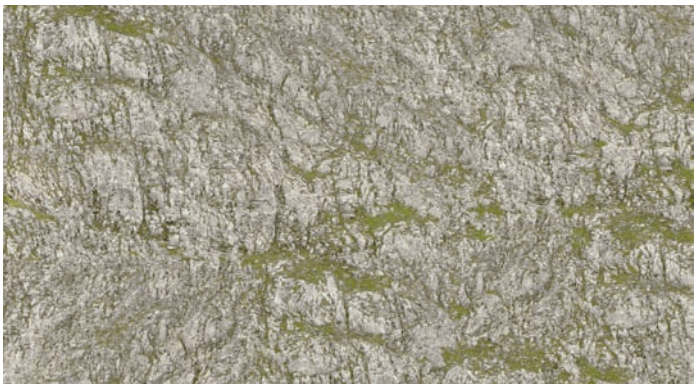


0 H0 TT N **60303** ***Wrinkle Rocks 'Großvenediger'***
45 cm x 25.5 cm

60309 ***Wrinkle Rocks XL 'Großvenediger'***
61 cm x 34.5 cm



0 H0 TT N **60304** ***Wrinkle Rocks 'Sandstone'***
45 cm x 25.5 cm



0 H0 TT N **60305** ***Wrinkle Rocks 'Seiser Alm'***
45 cm x 25.5 cm

60311 ***Wrinkle Rocks XL 'Seiser Alm'***
61 cm x 34.5 cm



Background Info:
Andreas Dietrich Modelling Studio

In cooperation with: Knitter® FELSEN



For many years, Andreas Dietrich from the Andreas Dietrich Modelling Studio has spent time working mainly on the creation of photorealistic backgrounds for private and public model railway layouts. He invented the Wrinkle Rocks by accident a few years ago: a background image with rocks on it did not come out cleanly from the printer and ended up crumpled up in the bin that evening. The next morning, Andreas Dietrich drew inspiration from the crinkled printout to create the Wrinkle Rocks.
Although there are other manufacturers offering similar products, we are thrilled to have the developer of the original Wrinkle Rocks on our team. As a dyed-in-the-wool Austrian, he also has the necessary savvy when it comes to mountains and rocks and he wastes no opportunity to photograph new rock formations when hiking through the mountains.
Further info (in German) can be found at:
www.atelier-dietrich.at
Note: *Knitterfelsen® is a registered trademark of Andreas Dietrich.*

Grafik-Atelier Andreas Dietrich · Stöcklgras 30 · A-4910 Ried · www.atelier-dietrich.at · a.dietrich@atelier-dietrich.at



So You are Always on the Right Path!

Alongside the rails, roads, paths and squares are the most important traffic routes and junctions in every model landscape. NOCH offers an extensive assortment of different products that allows you to create your own unique and realistic transport infrastructure. Whether Road Sheets, Terrain Paste, Structured Roads or ready-made Road Construction Sets: with the products from the following pages, your model landscape is guaranteed to have the appropriate ground under its feet.

G 1 0 HO TT N Z



Roads, Paths and Squares

Perfect Set 'Road' – from page 122
- *You'll find all the products you need to create your own roads with curves and junctions as desired*

Individual Road Construction – from page 124
- *Make your own realistic roads and paths*

Structured Roads and Decorating Accessories – from page 125
- *Exclusive quartz sand and rock powder cobblestone roads*
- *Road Decoration Set and more accessories for decorating*

Road Sheets – from page 128
- *Stable sheets, realistically printed and self-adhesive*

Hard Foam Accessories – from page 130
- *Bridges, portals, underpass and culvert*



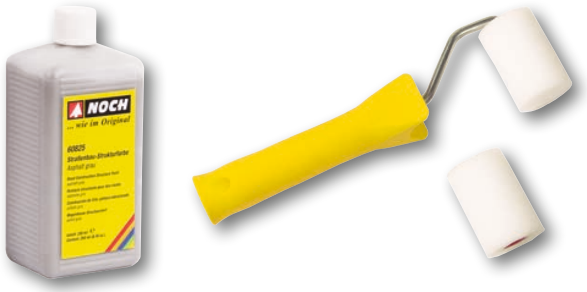
Make the Perfect Road!

Perfect Set 'Road'

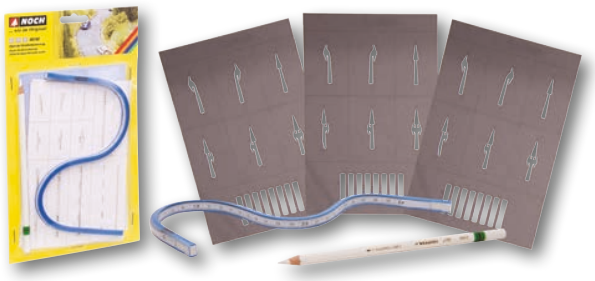
Building a realistic model road is often a big challenge. It is precisely the obvious solutions that often do not lead to the desired result. This applies in particular to designing curves and junctions with ready-made products (such as Road Sheets). In the Perfect Set 'Road', you'll find all the products you need to create your own roads with curves and junctions as desired.

The NOCH Road Construction System forms the basis. It contains the special Structured Road Construction Paint and Road Construction Paint Roller. Road markings are finally applied with the Starter Set Street Marking. The Perfect Set includes a detailed instruction video on DVD. So your project is guaranteed to succeed!

G 1 0 HO TT N Z



*The NOCH Road Construction System, comprising **Structured Road Construction Paint** and a **Road Construction Paint Roller**: the specially developed paint adopts the surface structure of the tool used to apply it. The paint roller thus produces very realistic-looking tar and asphalt model roads. With other tools, such as a spatula or paintbrush, you can achieve more exciting surface textures.*



***Starter Set Street Marking:** thanks to the flexible Curved Ruler, lane markings along bends can also be applied without any problems. With the templates (supplied in the set for H0, TT and N gauges), directional arrows, zebra crossings and many other road markings can be perfectly applied. Finally, the set includes a special Street Marking Pen.*



H0 TT N **60817** ***Perfect Set 'Road'***

Contents:
Structured Road Construction Paint
Asphalt grey, 250 ml (ref. 60825)
Road Construction Paint Roller 50 mm wide (ref. 60829)
Starter Set Street Marking (ref. 60740),
Contents: 1 curved ruler, 1 street marking pen,
each 1 street marking template for H0, TT and N scale

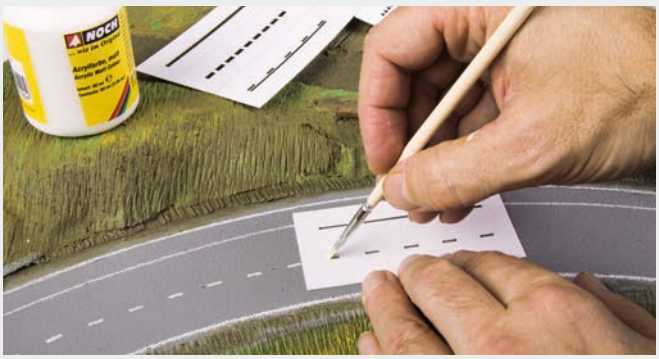
Modelling Tip:
Perfect Set 'Road'



First, the Structured Road Construction Paint is applied with the Road Construction Paint Roller. The paint adopts a realistic, rough texture.



Customised edge lines can be drawn with the Curved Ruler and the Street Marking Pen.



As an alternative to the enclosed Street Marking Pen, you can also apply white paint to a brush to paint on the templates.



As is so often the case, 'the journey is its own reward'. In this case, the perfectly designed country road.

Realistic DIY Roads in Next to No Time

The NOCH Road Construction System comprises two different Structured Road Construction Paints and one Road Construction Paint Roller. The specially developed paint adopts the surface structure of the tool used to apply it. The paint roller thus produces very realistic-looking tar and asphalt model roads. With other tools, such as a spatula or paintbrush, you can achieve more exciting surface textures.

Perfect road markings are achieved like this: thanks to the flexible Curved Ruler in the Starter Set Street Marking, lane markings along bends can also be applied without any problems. With the templates (available for H0, TT and N gauges), directional arrows, zebra crossings and many other road markings can be perfectly applied. The Starter Set Street Marking includes a special Street Marking Pen.
You can also buy replacement pen (ref. 91950) at ***www.noch.com.***



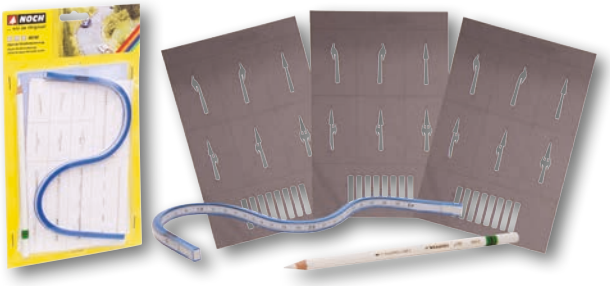
60825 ***Structured Road Construction Paint***
Asphalt grey, 250 ml



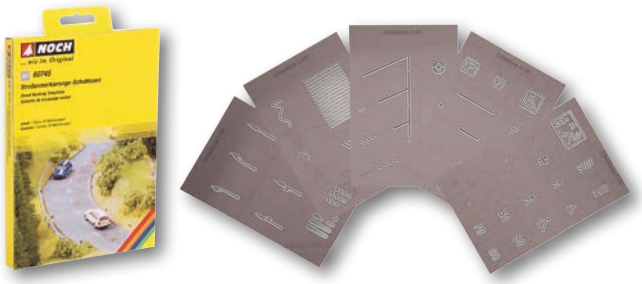
60826 ***Structured Road Construction Paint***
Asphalt anthracite, 250 ml



60829 ***Road Construction Paint Roller***
50 mm wide, with spare roller



H0 TT N ***60740*** ***Starter Set Street Markings***
1 curved ruler
1 street marking pen
1 street marking template each for H0, TT and N gauge



H0 ***60745*** ***Street Marking Templates***
5 templates, 43 symbols

N ***34240*** ***Street Marking Templates***
5 templates, 38 symbols

Craft Tip:
Road Construction System



First, the Structured Road Construction Paint is applied with the Road Construction Paint Roller. The paint adopts a realistic, rough texture.



Customised edge lines can be drawn with the Curved Ruler and the Street Marking Pen.



As an alternative to the enclosed Street Marking Pen, you can also apply white paint to a brush to paint on the templates.

Road Construction Set



The Road Construction Set is an innovative method of creating model roads. The set contains specially developed, very fine-grained asphalt granules in a shaker, a refill bag of asphalt granules and a special, grey acrylic road paint. The contents of the set are sufficient to cover a road with a length of approx. 300 cm and a width of 8 cm.

60821 ***Starter Set Road Construction***
Contents:
Tub, 250 g Structured Powder
Bottle with 125 ml Grey Acrylic Road Paint



Grass Glue (ref. 61130 or 61131) is applied to the prepared road surface.



Next, the asphalt granules from the Road Construction Set are evenly scattered over the road until a uniform coating has been created.



Once they are dry and any excess granules have been extracted, the asphalt granules are sealed in with thinly applied road paint.

Terrain Structure Paste

Realistic-looking ground and surfaces can be quickly and easily replicated with Terrain Structure Pastes. With the Terrain Structure Paste 'Field & Nature', you can design field paths, courtyards, shore areas, rural train platforms and the subsoil of fields and meadows. Using the Terrain Structure Paste 'Industry', you can create roads and sealed concrete and asphalt surfaces (e.g. at industrial plants, depots or station forecourts). The Terrain Structure Pastes are an acrylate-based coloured compound. The paste is simply applied with a spatula or a bristle brush. The individual colours can be mixed together 'wet on wet' or applied one after the other.



Simply apply Terrain Structure Paste ...



and form as desired.





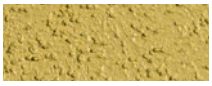
60823 ***Terrain Structure Paste 'Field & Nature'***
100 g sand (beige), 100 g loam (ochre), 100 g soil (brown)



60824 ***Terrain Structure Paste 'Industry'***
100 g asphalt (anthracite), 100 g concrete (light grey), 100 g mud (olive)



Sand



Loam



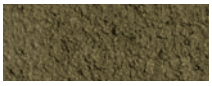
Soil



Asphalt



Concrete



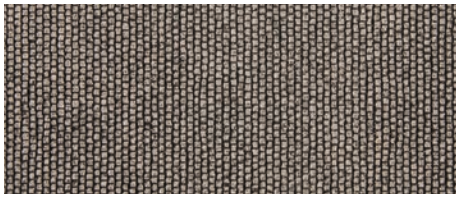
Mud



It Couldn't Be More Realistic!

Structured Roads, Structured Curve & Structured Places

NOCH Structured Roads are manufactured from the natural raw materials quartz sand and mineral powder. This guarantees a natural surface appearance and feel, as well as a realistic appearance and very high UV resistance. The Structured Roads are thus the first choice for the demanding hobbyist.
Another major advantage of the innovative production technology, based on a thin supporting material and using solvent-free bonding agents, is the Structured Roads' high degree of flexibility.
***Important Note:** do not process the Structured Roads at temperatures below 15°C. Risk of breakage!*

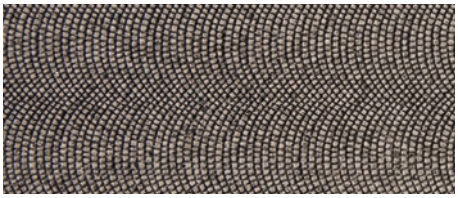


HO **60312** ***Structured Road 'Cobblestone'***
7.5 cm wide, 50 cm long

HO **60314** ***Structured Place 'Cobblestone'***
15.5 cm wide, 21 cm long

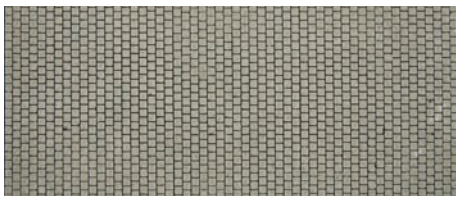


HO **60316** ***Structured Curve 'Cobblestone'***
7.5 cm wide, approx. 32 cm long



HO **60322** ***Structured Road 'Roman Pattern'***
7.5 cm wide, 50 cm long

HO **60324** ***Structured Place 'Roman Pattern'***
15.5 cm wide, 21 cm long

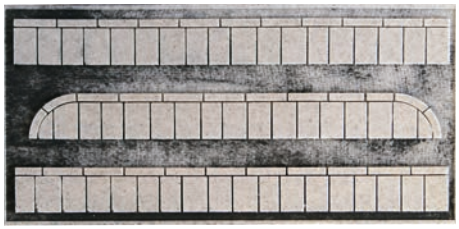


HO **60325** ***Structured Place 'Town Square'***
15.5 cm wide, 21 cm long

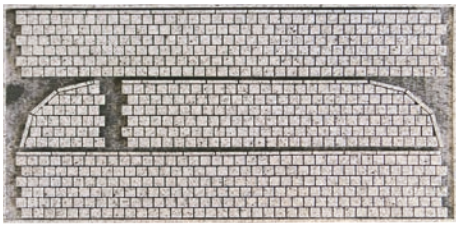


HO **60326** ***Structured Place 'Village Square'***
15.5 cm wide, 21 cm long



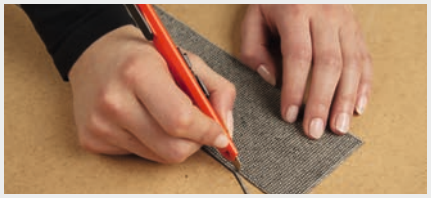


HO **60340** ***Structured Pavement 'Concrete Slabs'***
1.6 cm wide, total length 86.2 cm



HO **60342** ***Structured Pavement 'Cobblestones'***
2.4 cm wide, total length 83 cm

Craft Tip: Structured Roads and Places
***Note:** find the complete product line at www.noch.com*



Cut off the protective pad of the Structured Place with a knife or scissors. Put the Structured Place on the surface and cut it roughly.



With a brush, apply solvent-free adhesive on the substrate. We recommend using the UHU® POR contact adhesive.



The Structured Place is pressed into the glued surface and adapted to the underground. All solvent-free paints are suitable for follow-up treatment.

G 1 0 HO TT N Z



This Is How Pros Design Their Roads Perfectly!

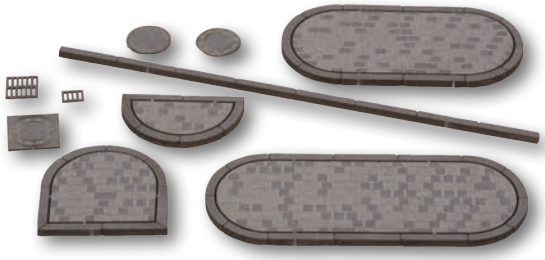
Road Decoration Set

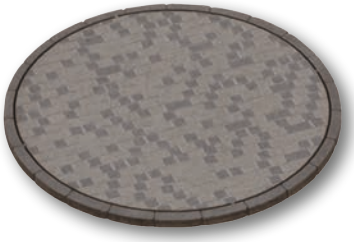
LASER CUT

You can turn an ordinary road into a professional model road with this set! With the help of the supplied kerbs and traffic islands, you can steer the flow of traffic in the right direction. Signposting can be implemented perfectly with 301 traffic signs and signposts. 60 posts are included in the Road Decoration Set, to which you can attach signs. Other signs can be affixed to house walls, lampposts, etc. Manhole covers and gullies provide the finishing touches to your roads. It couldn't be more realistic: the only thing we don't offer for your 'ideal world' is potholes.



HO **60525** ***Road Decoration Set***
Contents:
11 Kerbs, total length 100 cm
23 Traffic Islands
301 Signposts and 60 Tubular Posts
25 Manhole Covers and Gullies

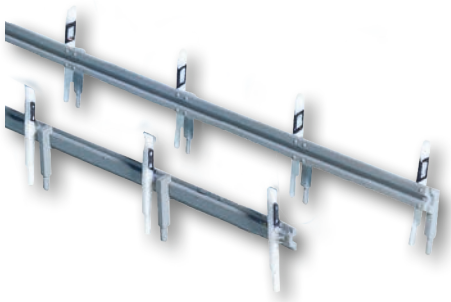






Our Accessories provide the finishing touches to the roads, paths and squares on your layout – so you can get close to the real thing right down to the last detail.





HO **60511** ***Crash Barriers and Road Posts***
Crash Barriers total 100 cm long
60 Road Posts for self-painting

N **34111** ***Crash Barriers and Road Posts***
Crash Barriers total 70 cm long
32 Road Posts for self-painting

Made in Germany



HO **60521** ***Traffic Signs***
270 Traffic Signs
coloured and pre-perfurated,
63 Posts

N **34121** ***Traffic Signs***
80 Traffic Signs
coloured, 32 Posts

How to Always Get the Curves

NOCH Road Sheets

Constructing realistic roads is made very easy by NOCH Road Sheets: each stable, flexible and self-adhesive road sheet can be easily glued on. It is available in various widths (Federal Roads, Country Roads) and as a universal curve, crossing and car park, as well as cobblestones. The NOCH Road Sheet is offered in the colour variants 'asphalt' and 'grey', for H0 and N gauge.



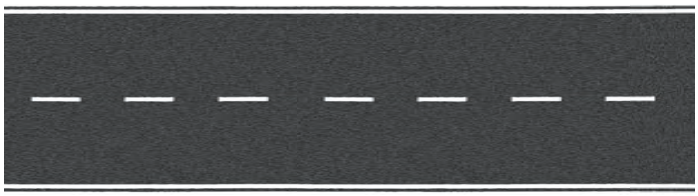


Road Sheets 'Asphalt'



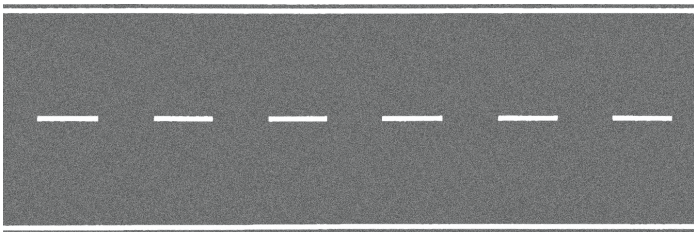
H0 **60700** ***Federal Road***
asphalt, 100 cm x 8 cm

N **34200** ***Federal Road***
asphalt, 100 cm x 4 cm



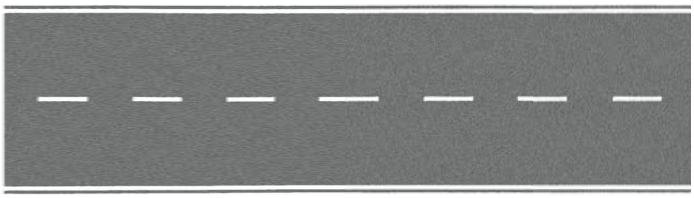
H0 **60706** ***Country Road***
asphalt, 100 cm x 6.6 cm

Road Sheets 'Grey'



H0 **60703** ***Federal Road***
grey, 100 cm x 8 cm

N **34203** ***Federal Road***
grey, 100 cm x 4 cm



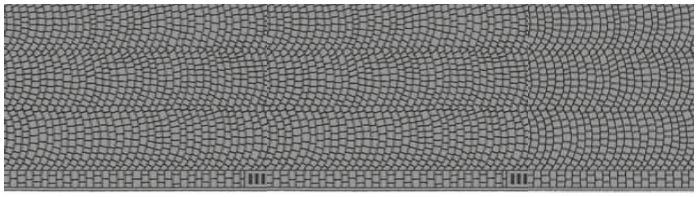
H0 **60709** ***Country Road***
grey, 100 cm x 6.6 cm

Craft Tip:
Solid white centre line

If you want to make a solid centre line from the broken centre line on a road marking, we recommend you draw the line with a white 'edding® 780 paint marker'.

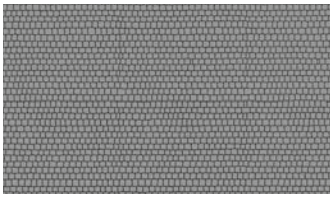
Road Sheets Squares & Cobblestones

With these practical add-on elements, such as cobblestone roads and squares, crossings and car parks, you can design varied roads and squares.



H0 **60722** ***Cobbled Pavement***
100 cm x 6.6 cm

N **34222** ***Cobbled Pavement***
100 cm x 4 cm

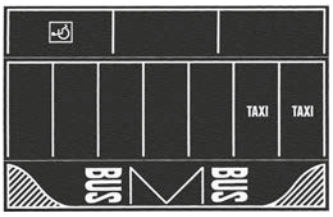


H0 **60724** ***Cobblestones Place***
2 pieces, each 22 cm x 14 cm

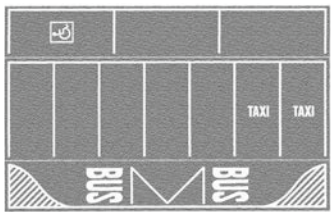
N **34224** ***Cobblestones Place***
2 pieces, each 17 cm x 10.5 cm



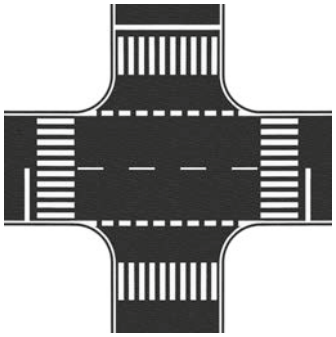
H0 **60726** ***Pavement***
100 cm x 2.5 cm



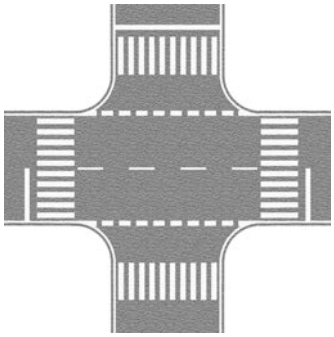
H0 **60718** ***Car Park***
asphalt, 2 pieces
each 22 cm x 14 cm



H0 **60720** ***Car Park***
grey, 2 pieces
each 22 cm x 14 cm



H0 **60712** ***Crossing***
asphalt
22 cm x 22 cm



H0 **60714** ***Crossing***
grey
22 cm x 22 cm

Craft Tip:
Car Parks

A 'Car Park' pack includes two road sheets. One sheet is – as shown on this page – printed with road markings. The other is blank and can therefore be cut up and used as desired.

Craft Tip:
Crossings

The carriageway connections on the H0 Crossing are 8 cm wide and thus fit exactly onto the 'H0 Federal Road'. Since the crossing is supplied in two parts, the carriageway connection can easily be shortened by simply trimming it to the width of the H0 Country Road at 6.6 cm.

Universal Curve 'Asphalt' and Universal Curve 'Grey'



Color: asphalt



color: grey



A pack contains 2 Universal Curves and one cutting template. Also available in grey.

H0 **60701** ***Federal Road Curve***
asphalt, 2 pieces, each 8 cm wide

N **34201** ***Federal Road Curve***
asphalt, 2 pieces, each 4 cm wide

H0 **60707** ***Country Road Curve***
asphalt, 2 pieces, each 6.6 cm wide

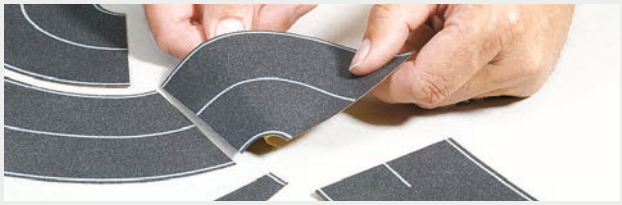
H0 **60704** ***Federal Road Curve***
grey, 2 pieces, each 8 cm wide

N **34204** ***Federal Road Curve***
grey, 2 pieces, each 4 cm wide

H0 **60710** ***Country Road Curve***
grey, 2 pieces, each 6.6 cm wide

Craft Tip:
Application of the NOCH Universal Curve

Cut out the Universal Curve on the outline with a sharp knife (e.g. carpet knife) or scissors with an edge of approx. 2 cm. Then divide the bend into segments required for your construction project. To make it easier for you to cut out precise radii, the Universal Curve pack comes with a template. By combining these segments with each other and installing straight road pieces, you can make any road route you desire. Each pack contains two Universal Curves so that you can build a complete circle (360°) with one pack.



Individual curved segments of a Universal Curve are combined with a straight road piece.

Attractive Crossings

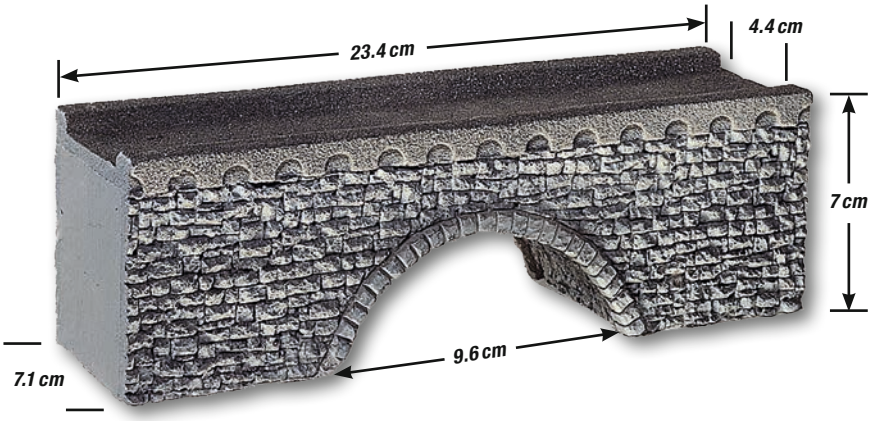
Bridges made of Structured Hard Foam

Made in Germany



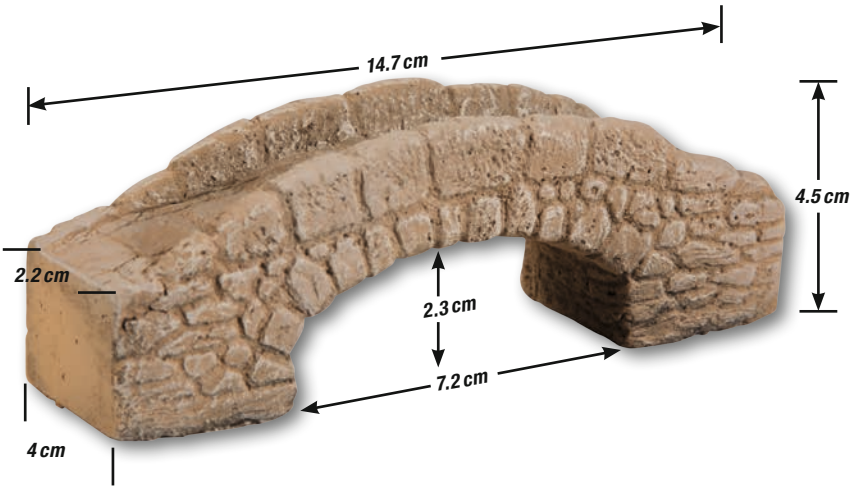


Note: *many NOCH Bridges can also be used as road bridges. The complete selection of bridges can be found in the 'Bridges and Viaducts' chapter in this catalogue.*



H0 **58690** ***Achtobel Bridge***
Ready-made Structured Hard Foam Bridge Model. Also suitable for all H0 track systems incl. Märklin® C Track.



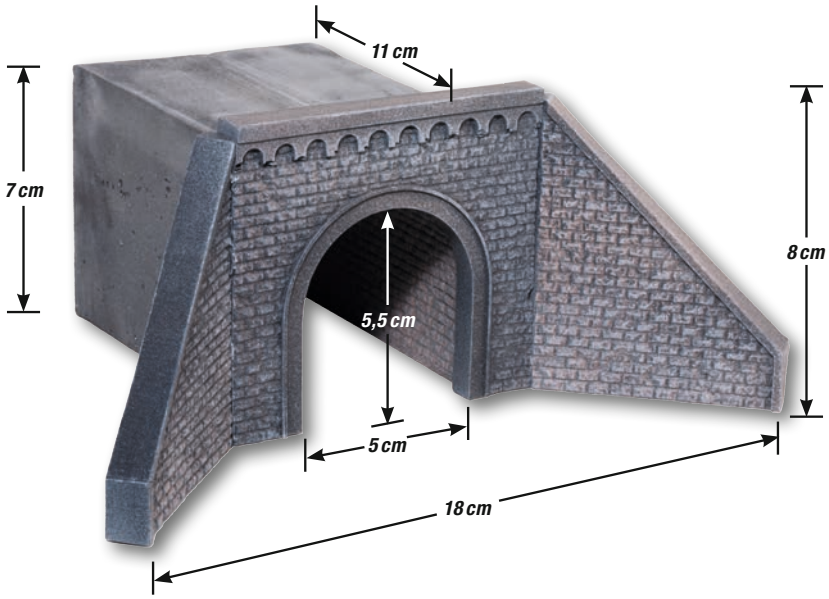


H0 **58694** ***Waldtobel Bridge***
Ready-made Structured Hard Foam Pedestrian Bridge



Underpass

With this high-grade hard foam item, an extremely realistic model underpass can be created. The set includes a portal with matching wing walls and a tunnel pipe of approx. 10 cm in length. In order to build an underpass with two sides (that is, with an entrance and an exit), you will need two sets.





H0 **58292** ***Underpass***
1 portal, 2 wing walls, 1 pipe



Culvert

Culverts can be found on road embankments, railway cuttings, paths and steep slopes. With the Culvert 'Tunnel' you can create a typical culvert with the popular structured hard foam material.





H0 **58296** ***Culvert 'Tunnel'***
2 tunnel exhausts, 8 cm x 4.3 cm



As in Nature, Water Attracts all the Attention

Many roads lead to the same goal: this also applies to water structuring, which is undoubtedly the pinnacle of model landscaping.
To help you find the right NOCH product for your purpose as quickly as possible, we have created an overview for you on the following pages.

The table on pages 136 and 137 gives you a particularly quick initial overview. Choose the products from our wide range that are best suited to your craft project.

G 1 0 HO TT N Z



Rivers, Lakes and Water Bodies

Perfect Set 'Lake' – from page 138
- *Everything to make a perfect lake*

Water-Drops® – page 140
- *Melt and pour easily*
- *Very versatile use*

2K Water Gel 'transparent' – page 142
- *Two-component material*
- *For the perfect imitation of water, ideal for stagnant waters*

Artificial Water – page 143
- *Ideal for small, shallow waters*
- *Very easy to use*

Aqua Effects, Waves & Billows, Foam & Spume – from page 134
- *For reworking and detailing*
- *Can be combined with all other water products*



NOCH Water Products and their Applications

NOCH offers a variety of products for water design, which differ in application, result and price. Items have been perfected for their respective application but may be less suitable for other applications.
We keep getting questions about this and so we would like to give you an overview here.

Special Products for Custom Requirements

There are two main areas of application. Products for creating a base for a body of water (this includes Lake Film, Artificial Water, 2K Water Gel and Water-Drops®) as well as products for creating water surfaces (this includes Aqua Effects, Waves & Billows and Foam & Spume).
Before making a purchase, you must first clarify what type of water you want to represent and what it looks like in reality. A lake or a harbour basin naturally have a completely different appearance to a roaring torrent.
As an example, imagine you are standing on a jetty and looking at the surface of a marsh pond. What do you see?
You will probably see a dark, reflecting surface that flickers in the wind and no base with stones and sand. The same is true of a quarry lake, a stream or a harbour.
To bring it down to a common denominator: the deeper a body of water is, the easier it is to represent it in a model. In principle, you only need paint that creates depth and colouring of the water as well as a product to make a water level, e.g. Artificial Water or 2K Water Gel, and a product for designing gentle surface waves, such as Aqua Effects.

The procedure for designing a mountain stream with a roaring deluge of water set against large stones and boulders is completely different. In addition to that, streams feature a slope. The water foams, and rapids and waterfalls emerge. We recommend using Water-Drops® supplemented by Waves & Billows for this.
Another essential point when using a product is the nature of the substructure on which the model water body is to be built. If it consists of heat-sensitive materials such as Styropor®, NOCH Hard Foam or plastic, as is the case with a NOCH Preformed Layout, a material that is melted beforehand cannot be worked with immediately. If NOCH Water-Drops® are to be used anyway, the substrate must first be sealed with a 3 mm – 5 mm thick layer of NOCH Modelling Compound (ref. 60920, page 70). After hardening, this absorbs a sufficient part of the heat and thus protects the substrate from damage.
Once the above questions have been clarified, you can choose a NOCH Water product to suit your project.

NOCH Products at a Glance

NOCH Artificial Water



Refs. 60873, 60874, 60876 and 60877, page 143
Solvent-free, therefore suitable for all substrates

NOCH Artificial Water is offered in the packaging sizes 125 g, 250 g and 500 ml.
It is a one-component material based on dispersion. The material's water content is approx. 50%. When it dries, it evaporates, and the volume is reduced by about half.
The product is ready to use and can simply be poured out of the bottle. The drying time is between 24 and 48 hours. The material is the easiest material to use at a very attractive price. Suitable for creating a smooth water level.

Application:
The surface must be flat and waterproof. If necessary, seal with NOCH Modelling Compound (ref. 60920, page 70). Paint substrate, e.g. with the NOCH Waters Colour Set (ref. 60878, page 139). Once the paint has dried, pour on the Artificial Water max. 2 mm to 3 mm high and allow to dry for approx. 24 hours. A 1 mm to 1.5 mm thick water level is then created. So, small puddles of water and flat stagnant waters can be realistically created in no time at all.

Warning:
Do not pour on another layer later on. Further applications cause the surface of the already dried Artificial Water to liquefy again and thereby become cloudy. This clouding might go on in this condition for several weeks until it dissolves. This procedure is therefore not recommended. If you'd like to create a deeper water level, we recommend 2K Water Gel.

2K Wasser Gel 'transparent'



Ref. 60870, page 142
Solvent-free, therefore suitable for all substrates

NOCH 2K Water Gel – also known as cold glaze – consists of two components ('2K'), namely a resin and a hardener. These components must be mixed exactly in a ratio of 1:1. 2K Water Gel is the only NOCH Water product that can also be used for casting things and objects in the creative handicraft and DIY sector. Its brilliance and exquisite, glass-like surface are captivating.
The 2K Water Gel is ideally suited for designing deep waters with a calm water surface, as the material can be poured on in a thicker layer. Subsequent application of a further layer is also possible.

Application:
The substrate must be flat and waterproof. If necessary, seal with NOCH Modelling Compound (ref. 60920, page 70).
Paint substrate, e.g. with the NOCH Waters Colour Set (ref. 60878, page 139). Once the paint has dried, pour on 2K Water Gel mixed in a ratio of 1:1. The layer can be approx. 3 mm – 7 mm thick.

Water-Drops®



Refs. 60855 and 60856, pages 140 – 141
Melting granules are processed when hot and thus are not suitable for heat-sensitive substrates.

NOCH Water-Drops® are the 'universal product' par excellence. Water-Drops® can be used to represent lakes, rivers and raging mountain brooks and torrents. The Water-Drops® are melted in the oven and then processed while hot. With the colour granules contained in Water-Drops® 'color', water can be tinted blue, green or brown and still retain its transparency.

Application:
The substrate must be heat-resistant. With Styropor® and plastic substrates, it is necessary to apply NOCH Modelling Compound (ref. 60920, page 70) to a thickness of approx. 3 mm – 5 mm, which will later absorb the heat. The substrate can then be painted, e.g. with the NOCH Waters Colour Set (ref. 60878, page 139). The Water-Drops® are poured into a heat-resistant container (e.g. glass, metal) and mixed with the plasticiser they contain. The mixture is then melted in the oven at 150°C. It should be stirred several times in order to mix the Water-Drops® and plasticiser well. Once the paint has dried, the melted Water-Drops® can be poured onto the prepared substrate. As the temperature drops, the material then becomes increasingly solid. It can be heated up again at any time with a hot glue gun or a hairdryer and thus reworked. This also removes small air bubbles or surface tension on the bank area. In a honey-like consistency, Water-Drops® can be used to excellent effect on slopes, as the flow speed is greatly reduced. Ideal for creating mountain brooks and torrents.
If you still have melted Water-Drops® left over after pouring, you can let them cool in the container, store them and reheat them in the oven at any time. The Water-Drops® are then reusable.

Note: please read the product and processing instructions that you receive with the product.

Aqua Effects

Ref. 60872
Suitable for waterfalls, rapids and waves, page 144



Aqua Effects have a creamy consistency. To design rapids and waves, material is simply squeezed out of the bottle and spread on the corresponding spot on the water surface. The shape can be modelled with a paintbrush or toothpick. Aqua Effects are transparent when dry.

Application:
To design a waterfall, the length and width of the waterfall which is to be built into the terrain later is transferred onto a piece of baking paper. You then put Aqua Effects next to each other on this surface strip by strip until a continuous surface emerges. After a good hour, you can model the waterfall with a toothpick and bring it into the desired shape. Then let it dry completely until it is transparent. Repeat this process until the waterfall has the desired volume. When it is completely dry, you can peel the waterfall off the baking paper and install it in the terrain.
You can also use Aqua Effects to secure and create the transitions above and below.



Waves & Billows

Ref. 60861
Suitable for high waves and billows, page 145



Application:
'Waves & Billows' is a jelly and can be spread onto the water surfaces with a small putty knife or spatula. To model higher waves that break in the shore area, for example, the mass is first 'pushed' towards the shore with a bristle brush. To be able to erect the waves, the material must first dry a little and form a stabilising skin. Then erect the mass like a 'cockscomb'. You may have to repeat this process until the wave is secure and can harden. The material becomes hard after approx. 12 – 18 hours and is transparent when dry.

Foam & Spume

Ref. 60862
Suitable for creating foam and spume effects, page 145



Application:
Use 'Foam & Spume' for super-realistic, professional 'finishing touches'. Put the icing on the cake in the form of whitecaps on waves or foaming water in a torrent. Incidentally, the material is coloured model water and not 'just' a white paint. A normal white colour would suppress a glossy appearance and make the water appear dull. With a small brush, carefully dab on foam and spume and only on the tips of the waves. These little white crowns are enough to make the water look like it's moving and frothing up.

Product	***Material and Application***
Products for creating a base for a water body	
Artificial Water	*1-component material, easy to pour straight from the bottle.*
2K Wasser Gel 'transparent'	*2-component material, blended together before use. Mixing ratio 1:1 resin to hardener (cold glaze)*
Water-Drops®	*Melting granules are melted before use in the oven and thereby liquefied. Hardened by cooling.*
Products for designing Waterfalls, Rapids and Waves	
Aqua Effects	*Creamy compound*
Waves & Billows	*Viscous jelly*
Foam & Spume	*Liquid dispersion*



	Suitable for	Advantage	Disadvantage	Page
	• calm, flat bodies of water (e.g. quarry lake, pond, river, etc.) as well as small garden ponds, pools and puddles • product suitable for beginners	• easiest application • professional result • cheap material price	• volume shrinks when hardening by approx. 50% • can be poured in to a maximum of 2 mm – 3 mm high (result 1 mm – 1.5 mm height) • can only be used as a single layer (not possible to pour on subsequent layers)	145
	• calm, deep bodies of water (e.g. quarry lake, pond, river, harbour basin, etc.) • product suitable for advanced modellers and professionals	• professional result • water layer has high brilliance (glassy) • can be filled higher than with Artificial Water • can be applied in several layers, subsequent topping up is possible • also suitable for casting decorative objects, things and objects (creative handicrafts, DIY)	• material that has already been mixed must be used up. Material that is not required cannot be used later and must be disposed of • high material price	142
	• lakes, rivers, streams, mountain brooks, raging torrents • product suitable for all modellers	• THE universal material, suitable for the widest range of purposes • material can also be melted subsequently with a hot glue gun or a hairdryer. This allows surfaces to be subsequently modelled or repaired. • leftover material can be stored and reheated weeks later and used for another project • only Water-Drops® 'color': can be coloured	• not suitable for heat-sensitive surfaces, e.g. NOCH Preformed Layouts , NOCH Hard Foam and Styropor® (if necessary, seal with NOCH Modelling Compound, ref. 60920) • material subsequently remains sensitive to temperature. Rupture of the water surface possible due to high temperature fluctuations • thus not suitable, for example, for transportable module layouts which are to be transported to fairs and exhibitions in different seasons/temperatures	140 – 141
	• waterfalls, rapids, waves	• suitable for many different applications • ideal for waterfalls • can be used straight from the bottle	• not for forming high waves and billows, as it's too creamy	144
	• high waves and billows, extreme effects	• for voluminous, high waves • can be used straight from the tub	• not always ideal for finer effects and waterfalls	145
	• whitecaps, spume	• ideal for realistic 'finishing touches' • professional product	• not transparent when dry and cannot be changed or concealed afterwards. Therefore use carefully	145

Note: please read the product and processing instructions that you receive with the product.

Make the Perfect Lake

Perfect Set 'Lake'

Everything you need to make a perfect lake is contained in this set. You pour out a prepared lake bed with the Water-Drops®, create the surface with Waves & Billows and decorate the bank with Grass Tufts. To make everything as easy as possible for you, the Perfect Set Including gratis DVD with an instruction video.
You're guaranteed to succeed in building your model lake!



60813 ***Perfect Set 'Lake'***
Contents: *Water-Drops® 'color',*
250 g transparent, for approx. 300 ml,
each 25 g blue, green, brown (ref. 60856)
Waves & Billows, 150 ml (ref. 60861)
Grass Tufts Mini Set 'Meadow', 42 pieces (ref. 07037)



Waters Colour Set

The Waters Colour Set offers five ready-to-apply paints that are perfectly matched to the intended purpose. The set contains five realistic basic colours of 30 ml each: dark blue, ultramarine, turquoise, mud brown and white. Thanks to the dosing tips on the little bottles, the paints can be dispensed precisely.
So, you're sure to find the correct shade. It doesn't matter whether you're designing a mountain lake, a pond in the forest, a beach, or even a lagoon by the sea. The paints can be mixed with NOCH Acrylic Paints, adhere to wood, plaster, cardboard, NOCH Hard Foam and dry in a realistic matte effect. They are heat-resistant when dry. Therefore, they can also be combined with NOCH Water-Drops®.



60878 ***Waters Colour Set***
Contents: 30 ml each of
ready-to-apply paints
dark blue, ultramarine, turquoise
mud brown and white



Lake Film

NOCH Lake Film is the ideal and easy-to-use material for creating natural-looking water surfaces. The Lake Film is simply cut to size and glued in place. The blue-coloured Lake Film (ref. 60850) is used if the model water does not have sufficient depth to colour the lake bed. The transparent Lake Film (ref. 60852), on the other hand, is ideal if the lake bed is deep enough to allow a coloured design. For designing the lake bed, we recommend the Waters Colour Set (see above) and the natural stones, the PROFI Rocks 'Rubble' as well as sand and gravel on page 172 of this catalogue. The transparent Lake Film can be used to create very realistic and extremely impressive bodies of water, as can be seen in the illustration at the top of this page.



60850 ***Lake Film***
blue, with wave structure,
41 cm x 26 cm



60852 ***Lake Film***
transparent, with wave shape,
41 cm x 26 cm





Water-Drops® do the Trick!

Water Structuring with Water-Drops®

Two things make Water-Drops® indispensable in creating waters: that they are easy to work with and that they offer the possibility to create details like waves or rapids through subsequent heating.

As a product range, Water-Drops® are available in two variants:
The Water-Drops® 'transparent' are ideal for creating crystal-clear lakes, rivers and streams. To design ground that is coloured, we recommend the Waters Colour Set (ref. 60878, see page 139).

The Water-Drops® 'color' additionally contain blue, green and brown drops for mixing with the transparent drops. Hence, you can create a totally individual colour scheme for your waters.



Water-Drops®

Water-Drops® are the perfect substance for reproducing stagnant and flowing waters in a model. In particular, the ability to re-melt the body of water after it has hardened (for example, with a powerful hairdryer) opens up many possibilities for the modeller. Waves can subsequently be moulded or scratches removed from the water's surface.
Water-Drops® are offered in 'transparent' and 'color' variations.
***Warning: Risk of burns!** Processed while hot! Wear gloves!*

Advantages:
- Easy to work with
- Fast-working (short hardening time)
- Easy to dye
- Can be reworked by heating



60855** **Water-Drops® 'clear'
250 g, for approx. 300 ml



60856** **Water-Drops® 'color'
250 g transparent, for approx. 300 ml,
each 25 g blue, green, brown

Info Tip:
Water-Drops®

***Warning: Risk of burns!** Wear gloves!*
Do not heat in the microwave! Only suitable for adults.



Craft Tip:
Water-Drops® 'clear' and Water-Drops® 'color'

The Water-Drops® 'clear' and Water-Drops® 'color' are simply melted in the oven in a heat-resistant container (e.g. a jam jar). After melting, the substance retains a honey-like consistency for approx. 3 minutes. It can now be poured into the prepared stream- or lake bed.
If the water on your model landscape has hardened and you want to make further changes to the water surface, no problem: you can re-melt and re-work the surface at any time with a hair-dryer. With a heat gun, you can even liquefy the entire Water-Drops® 'clear' and Water-Drops® 'color' water body. This allows you to work on waves or rapids afterwards.

***Warning: Risk of burns!** Wear gloves! Do not heat in the microwave! Only suitable for adults.*



The Water-Drops® 'clear' and Water-Drops® 'color' are melted in the oven ...



... and poured into the prepared stream bed. Warning: the Water-Drops® are processed while hot! Wear gloves!



Thanks to the low melting point of the Water-Drops®, the substance can be melted down and reworked with a hair-dryer.

Still Waters Run Deep

2K Water Gel ‘transparent’

The 2K Water Gel ‘transparent` is a fascinating substance: easy to work with and producing exciting results. It is the material of choice for replicating stagnant waters such as lakes or ponds. However, rivers and streams can also be beautifully represented in a model.

For creating water surfaces, e.g. Aqua Effects (ref. 60872) or Waves & Billows (ref. 60861) can be used.
Applying 2K Water Gel ‘transparent‘ is very simple: first, mix the two components in a ratio of 1:1. Now you have approx. 120 minutes to work with the 2K Water Gel ‘transparent‘. During this time, the consistency of the 2K Water Gel ‘transparent‘ changes from watery toviscous.

In order to give the water some colour use the NOCH Waters Colour Set (ref. 60878, see page 139).

Advantages:
- Easy to work with
- Long processing time
- Is processed cold
- Ideal for standing waters



60870 ***2K Water Gel ‘transparent’***
2 components, each 100 ml



Artifical Water

Made in Germany

Artificial Water is the easiest way imaginable to design bodies of water, especially small lakes, pools, ponds and puddles. NOCH Artificial Water is available transparent or blue-green coloured. If the substance is pre-coloured, the depth effect of the water is achieved by the colour of the water. If the substance is transparent, we recommend priming the substrate with the Waters Colour Set (ref. 60878; see craft tip). Artificial Water is poured onto the prepared substrate straight from the bottle in a layer of maximum 2–3 mm. After approx. 12 hours, the surface has shrunk by about 50 % and is dry. A perfect water level has been created!



60876 ***Artifical Water mini***
125 g, transparent
ready-to-pour in a bottle



60873 ***Artificial Water***
250 g, transparent
ready-to-pour in a bottle

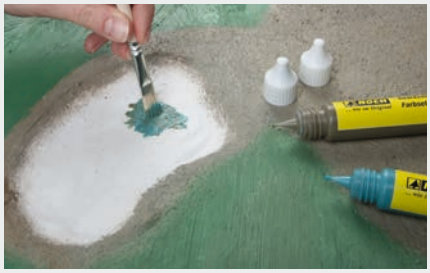


60874 ***Artificial Water XL***
500 ml, transparent
ready-to-pour in a bottle



60877 ***Artificial Water 'color'***
250 g, blue-green coloured
ready-to-pour in a bottle

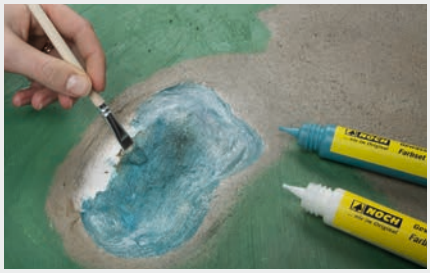
Craft Tip:
Water Design



The colours of the Waters Colour Set (ref. 60878) are individually mixed to create a suitable shade.



They are then applied with a brush.



In order to imitate depth, the colour becomes darker towards the centre and lighter towards the edge.



Artificial Water 'color' is carefully poured to form a layer of 2–3 mm.



Once the Artificial Water has dried, Aqua Effects (ref. 60872) can be applied to the surface.

Aqua Effects

With this Aqua Effects product from NOCH, special effects can be created on water surfaces made from Water-Drops®, Artificial Water or 2K Water Gel. You can easily reproduce realistic rapids and impressive waterfalls. Aqua Effects consists of a viscous white substance that is flexible and transparent when dried out. Because of the very viscous consistency, you can also apply the substance directly on steep areas (e.g. waterfalls). To make rapids, for example, just apply a few brushstrokes of Aqua Effects onto the river, then spread around with a coarse bristle brush.



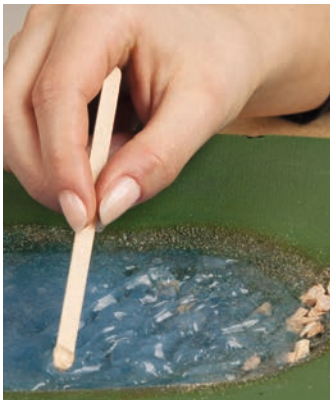
60872 ***Aqua Effects***
125 ml



Craft Tip:
Aqua Effects

NOCH Aqua Effects have a viscous, white consistency straight from the tube. The substance dries a transparent colour after several hours.
Small waterfalls and whirlpools: *the Aqua Effects are applied directly onto the model landscape with a small paintbrush.*
Waterfall: *the waterfall is designed 'lying down' and not installed into the landscape until dry. To do this, measure the height of the waterfall in the model landscape and transfer it onto supporting material e.g. baking paper. Then mould the waterfall 'lying down' with a bristle brush. After the waterfall has dried (approx. 24 hours), carefully remove it from the supporting material and glue it in the model landscape.*
Info Tip: *the perfect instructions on working with the NOCH Water products are provided in our guidebooks (see pages 12 to 17).*







60861 ***Waves and Billows***
150 ml, easy-to-use tub

Waves & Billows

The product 'Waves & Billows' was developed for designing high waves. It's ideal, for instance, for a beach scene with surfers or a diorama with a ship on the high seas. This is a paste-like mixture, which is applied to the water surface with the aid of a small spatula or toothpick.
After some rough modelling, the mixture is first allowed to set for half an hour and then moulded into the desired shape with a spatula, toothpick and coarse paintbrush.



Foam & Spume

Every wave that breaks, every brook that rushes, and every waterfall that plunges into a mountain lake, produces waves as well as white surf. To be able to perfectly reproduce these wonderful highlights, NOCH 'Foam & Spume' was developed. This fine substance can be carefully applied by brush onto the relevant water areas to give rapids, waterfalls and waves the ultimate, natural-looking touch. Since it is not white paint, 'Foam & Spume' looks even more natural. Try it!





60862 ***Foam & Spume***
30 ml, bottle

For your model landscape, electrostatic grass application means nothing other than 'realistically standing grass'. This technology, which is relatively new to the hobby sector, was pioneered in 2005 by NOCH with the launch of the first Gras-Master. Today, we offer this unique device, further perfected, in its 4th generation.



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Electrostatic Grass Application

The NOCH Gras-Master – from page 148
• The perfect tools for the electrostatic grass application

NOCH Grass Stamp – page 154
• Realistic landscapes made easy!

Instructions – from page 154
• Step-by-step instructions for perfect grass application

Grass Fibres – from page 158
• A wide range of grass fibres for the electrostatic grass application



NOCH Gras-Master 4.0

For the first time with integrated battery!
The NOCH Gras-Master is entering its fourth round, and it's quite something! The top devices for electrostatic application in model landscaping are as strong as an elephant! The fourth generation of the NOCH Gras-Master is available in two versions. Both versions offer some features that have never been available before!

Customised performance
*The **NOCH Gras-Master 4.0** delivers a permanent voltage of 15 kV. This makes it one of the most powerful devices on the market and offers more than enough power for any application. Regardless of whether a small diorama is to be created or an extensive model railway is being built: The Gras-Master 4.0 manages the requirements for processing short and long grass fibres with ease. For the first time, the NOCH Gras-Master is now available as a rechargeable battery version. The 2,200 mAh battery enables a running time of up to 4 hours.*

*The **NOCH Gras-Master 4.0 PROFI** is individually adjustable and generates a voltage of 11 kV up to 20 kV. This means that grass fibres from all manufacturers up to a length of 12 mm can be processed. The device can be adjusted using a rotary control to optimise the voltage and power consumption for your application. For shorter grass fibres, you can reduce the voltage and thus the consumption. This saves battery life. With longer grass fibres, on the other hand, you always have enough power reserve and can increase the voltage if necessary.*

Power, over and over again ...
*The **NOCH Gras-Master 4.0 PROFI** is equipped with an integrated 3,000 mAh rechargeable battery. This enables continuous operation for up to 10 hours (at low voltage) and up to 3 hours (at high voltage). The built-in rechargeable battery not only protects the environment, as you no longer have to buy batteries, but also your wallet. The Gras-Master 4.0 and the PROFI device can be easily charged using the USB-C cable supplied*.*

** Important note: The charger is not included in the scope of delivery to keep the price lower and protect the environment. USB chargers are standard throughout the EU, so it is highly likely that you already have a mobile phone charger or similar at home that allows you to charge both Gras-Master 4.0 device variants.. You can buy chargers in any electrical shop. Pay attention to the CE certification and do not buy inferior or unsafe chargers on cheap online platforms, as these can damage the Gras-Master!*

Switching games (not only) for PROFIs

*With the new **Flock Change Container System**, the **Gras-Master 4.0** offers the option of quickly switching between grass types. This is particularly advantageous if you want to mix several grass fibres together in freshly applied NOCH Grass Glue to create 'smooth' transitions from one grass surface to another. Previously, changing the fibres in the Gras-Master took time, during which the grass glue could dry and thus spoil the result. These problems are now a thing of the past thanks to the Flock Change Containers, which are fixed to the handle with a bayonet lock and can therefore be changed in next to no time. Both the Gras-Master 4.0 and the Gras-Master 4.0 PROFI come with a Flock Change Container.*

*In addition to a standard flock container, the **Gras-Master 4.0 PROFI Set** includes a further XL Flock Change Container and a Detail Flocker. All components are also available separately so that you can create a pallet with several containers to make use much easier. The transparent change containers also show you immediately how much material is left in each container and when you may need to top up. Each Flock Change Container and the Detail Flocker are supplied with three suitable sieves (coarse, medium, fine). You select these to match the length of grass fibre used. The lid, which is also included, can be used to close the containers and their contents and store them quickly and neatly on the shelf or in the craft box until the next use.*

GRAS master 4.0

The Gras-Master 4.0 is suitable for ambitious users who build dioramas and small to medium-sized model railway layouts. Accessories for the device are available separately.

Video-Clip



60120 ***Gras-Master 4.0***

Contents:
1 Gras-Master 4.0
1 Flock Change Container incl. 3 sieves
1 lid
1 USB-C cable (without charger)

GRAS master 4.0 PROFI

The Gras-Master 4.0 PROFI Set is aimed at professional users and modelling clubs. The device is designed for large-scale layouts and is supplied with a comprehensive range of accessories in the exclusive transport bag.



60125 ***Gras-Master 4.0 PROFI Set***

Contents:
1 Gras-Master 4.0 PROFI
1 Flock Change Container incl. 3 sieves, 1 lid
1 XL Flock Change Container incl. 3 sieves, 1 lid
1 Detail Flocker incl. 3 sieves, 1 lid
1 transport bag
1 USB-C cable (without charger)

Quick-Check

The different variants in direct comparison. Which device is suitable for your application?

	Gras-Master 4.0 (Ref. 60120) 	**Gras-Master 4.0 PROFI Set** (Ref. 60125) 	**Gras-Master 3.0** (Ref. 60111) 
Voltage	Permanent 15 kV	Adjustable via rotary control from 11 – 20 kV	Permanent 11 kV
Power Supply, Runtime	2,200 mAh LI-ION battery, up to 4 hours	3,000 mAh-LI-ION battery, 3 – 10 hours (depending on voltage setting)	9 V battery (available separately) 3 – 4 hours
Supplied with			
Flock Change Container incl. 3 sieves and lid	✔	✔	–
XL Flock Change Container incl. 3 sieves, 1 lid	– (available separately, ref. 60129)	✔	–
Detail Flocker incl. 3 sieves and lid	– (available separately, ref. 60128)	✔	–
USB-C cable*	✔	✔	–
Transport- and Storage Bag	–	✔	–
Suitable for			
Diorama/Small Layout	✔	✔	✔
Model Railway Layout Construction	✔	✔	✔
Professional application for ambitious modellers as well as large and club layouts	–	✔	–
Further information	Page 148 – 149	Page 148 – 149	Page 153



The transparent change container is filled with grass and the fill level is visible.



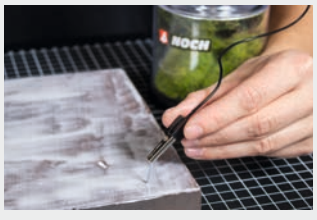
The change container is attached to the Gras-Master 4.0. Secure latching with bayonet lock.



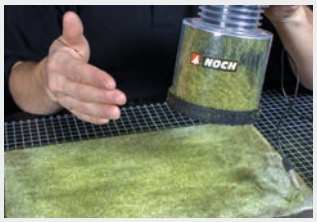
The required voltage is set (feature only for Gras-Master 4.0 PROFI).



Coat the substrate with NOCH Grass Glue (ref. 61130 or 61131).



Connect the crocodile clip.



The Gras-Master 4.0 is switched on and the grass fibres are fluffed up by gently shaking.



The container – and therefore the grass fibres – can be changed in no time at all.



The change enables 'flocking' with different grass fibres before the adhesive dries.

Change the Container!
The Right Size for Every Application

The NOCH Gras-Master 4.0 impresses with a new Flock Change Container System that allows you to quickly switch between different types of grass. This is particularly advantageous for creating soft transitions between grass surfaces, as the fibres can now be changed in a time-saving manner and the drying time of the adhesive does not negatively affect the result. As they are transparent, the fill level can be quickly recognised at any time. At the same time the containers can be used to store grass fibres. The Detail Flocker enables easy access to areas that are difficult to reach, e.g. under bridges. Large areas are quickly greened with the XL Flock Change Container without having to refill.

Flock Change Container
Suitable only for Gras-Master 4.0 and Gras-Master 4.0 PROFI. With bayonet lock for changing grass fibres in the blink of an eye. The transparent container provides an overview of the remaining flock quantity at all times.

XL Flock Change Container
The XL Flock Change Container offers even more capacity for grass fibres and is therefore the right choice when large areas need to be covered quickly. Suitable only for Gras-Master 4.0 and Gras-Master 4.0 PROFI. With bayonet lock for changing grass fibres in the blink of an eye. The transparent container provides an overview of the remaining flock quantity at all times.

Detail Flocker
The Detail Flocker enables to access hard-to-reach areas using the flexible hose with a mini container attached to the end. This creates professionally flocked areas under bridges in a ravine or between buildings, for example. Suitable only for Gras-Master 4.0 and Gras-Master 4.0 PROFI. With bayonet lock for changing grass fibres in the blink of an eye. The transparent container provides an overview of the remaining flock quantity at all times.



60127 ***Flock Change Container***
incl. 3 sieves, 1 lid
only for Gras-Master 4.0 and 4.0 PROFI



60129 ***XL Flock Change Container***
incl. 3 sieves, 1 lid
only for Gras-Master 4.0 and Gras-Master 4.0 PROFI



60128 ***Detail Flocker***
incl. 3 sieves, 1 lid
only for Gras-Master 4.0 and Gras-Master 4.0 PROFI



Fill the Detail Flocker with grass.



The Detail Flocker is attached to the Gras-Master 4.0. Secure latching with bayonet lock.



Hard-to-reach places are therefore very easy to reach.



Fill the XL Flock Change Container with grass.



The XL Flock Change Container is attached to the Gras-Master 4.0. Secure latching thanks to bayonet lock.



Large areas are quickly flocked without the need to refill grass.

Advantages of the Gras-Master 4.0 Flock Change Container System at a glance:

- *Quick and easy replacement of all containers with bayonet lock*
- *Transparent containers for easy material control*
- *Individually available components for customisation*
- *Including lid and three sieve sizes (coarse, medium, fine)*
- *Detail Flocker for hard-to-reach areas*
- *XL Flock Change Container for large areas*



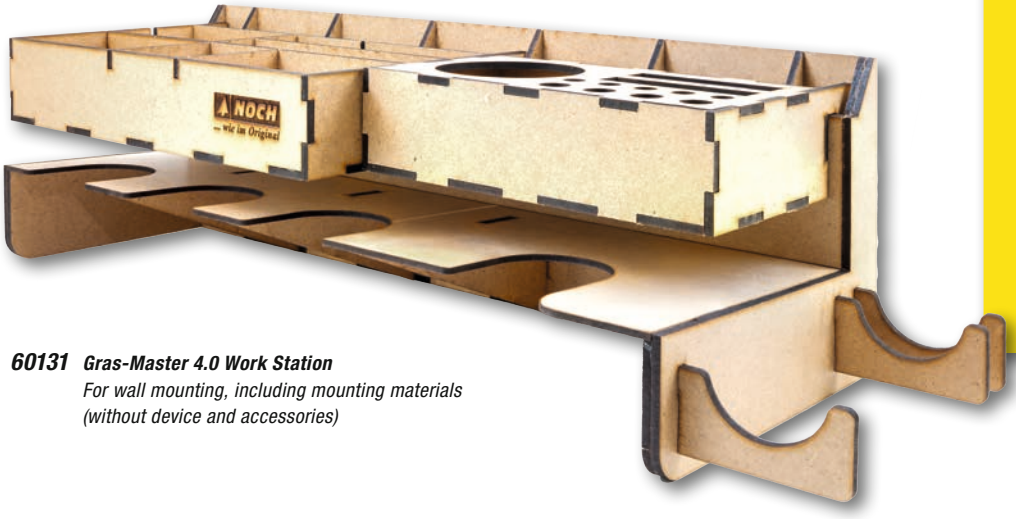
The Perfect Compagnion for the NOCH Gras-Master

Work Station for the Gras-Master 4.0

The Gras-Master 4.0 Work Station for the NOCH Gras-Master 4.0 and the NOCH Gras-Master 4.0 PROFI is made of robust MDF and is supplied as a kit. It can be securely mounted on the wall using the enclosed screws, plugs and discs to save space.
This makes working with the NOCH Gras-Master 4.0 even more fun!

Highlights:

- *Base shelf made of sturdy MDF*
- *4 holders for change containers (1 suitable for XL Flock Change Container, 3 suitable for Flock Change Container or Detail Flocker)*
- *Gras-Master 4.0 handle holder*
- *Brush holder*
- *Storage box 1: storage of sieves and grass stamps*
- *Storage box 2: storage of grass glue, lid and brushes*
- *Mounting material included: 3 screws, discs and plugs*



60131 ***Gras-Master 4.0 Work Station***
For wall mounting, including mounting materials (without device and accessories)

GRAS master 4.0 PROFI









Note: *Gras-Master, grass glue, change containers etc. are not included in the scope of delivery.*

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NOCH Gras-Master 3.0

The 'Little Brother' is also Convincing!

The NOCH Gras-Master 3.0 is still the entry-level model in the NOCH range. It is the ideal solution for price-conscious modellers who do not want to do without brand quality. The Gras-Master 3.0 offers convincing performance at an attractive price. It is light and easy to handle, making it perfect for spontaneous work on dioramas and model railway layouts. The device comes with three sieves for different grass fibre lengths.

A 9V block battery is required for operation (not included), which enables an operating time of approx. 3 to 4 hours.



Video clip

60111 ***Gras-Master 3.0***
Gras-Master 3.0, counter pole with crocodile clip, three sieves for flocking with grass fibres of different lengths, without battery

Static Grass Puffer Bottle

The Puffer Bottle is perfect for applying 1.5 and 2.0 mm long NOCH scatter grass. The grass fibres become electrostatically charged due to friction inside the Puffer Bottle. Thus, the fibres stand upright on the surface covered with grass glue. Fill the Puffer Bottle no more than halfway to allow the electrostatic charge to build up through friction.
Important note: *Charging by friction in the Puffer Bottle only works with grass up to 2.5 mm in length.*



Video clip

08100 ***Puffer Bottle***
empty

Start Set Vegetation

Electrostatic grass application gives your model landscape a certain something. With the Start Set Vegetation, this happens in a simple way, since the 2.5 mm long Scatter Grass from NOCH can easily be applied with the Puffer Bottle.
Note: *to continue modelling, you'll find Grass Glue and Scatter Grasses in many different shades in the large NOCH range.*



Video clip

HO TT N Z ***07069*** ***Start Set Vegetation***
Puffer Bottle
40 g of Scatter Grass 'Summer Meadow'
50 g of Grass Glue

Grass Glue

NOCH Grass Glue was specially developed for electrostatic flocking. It offers the following advantages compared to conventional glue and wood glue:
- *perfect consistency: easy to spread, without running*
- *hardens slowly: you can flock your area without hurrying, so there are no 'bald' spots in your meadow*
- *transparent when dry: no white streaks*
- *high adhesive strength: significantly stronger adhesion than e.g. diluted wood glue*



61130 ***Grass Glue***
250 g

61131 ***Grass Glue XL***
750 g



NOCH Grass Stamp

Realistic Landscapes Made Easy!

The NOCH Grass Stamps are innovative tools for modellers who want to create natural and varied grass areas. In combination with the NOCH Grass Glue (ref. 61130 or 61131) and a NOCH Gras-Master, they enable you to create unique, realistic landscapes.

This is how it works: Dip the Grass Stamp into the adhesive tray previously filled with NOCH Grass Glue. Now stamp the glue onto the prepared surface and then apply the grass fibres with the Gras-Master. Your realistic grass landscape is ready!

The highlight: Repeated application creates irregular grass areas with different heights and textures – just like in nature! Experiment with different grass fibre colours and lengths for an even more realistic result.

The set includes two grass stamps. With the large one, wide meadows quickly become a feast for the eyes! The small stamp can also be used to create little areas, e.g. on railway embankments, between tracks etc. The adhesive tray required is of course also included in the set.

So that you can enjoy your grass stamps for a long time, simply clean them of the NOCH Grass Glue with lukewarm water after use.

With the NOCH Grass Stamps, you can give your model landscape an authentic look in no time at all. Perfect for beginners and experienced modellers.

Top Innovation!



60137 ***Grass Stamp***
2 pieces, incl. adhesive tray

Craft Tip:
Processing the foils



NOCH Grass Glue is filled into the tray.



The NOCH Grass Stamp is dipped into the Grass Glue.



Simply apply the Grass Glue to the substrate …



… and fluff up the grass fibres with the NOCH Gras-Master – done!

G 1 0 HO TT N Z



Application video (in German)
www.noch.de/youtube

How to Get the Perfect Grassy Base on a Railway Embankment!

Railway embankments are usually overgrown with wild grass. It tends to be taller, of different lengths and consists of many different plants. Weeds, green grass, single dry blades and grass tufts lend the railway embankment an irregular appearance.

***Tip:** after the grass flocking, you can decorate your railway embankment with the Embankment Vegetation (ref. 23102).*

Formula for the 'Railway Embankment Grass' mixture

First layer:

08324 ***Scatter Grass,*** *golden yellow, 2.5 mm*
08320 ***Scatter Grass 'Marsh Soil',*** *2.5 mm*

Second layer:

07100 ***Wild Grass 'Meadow',*** *6 mm*
07101 ***Wild Grass,*** *beige, 6 mm*

Decoration and details:

07167 ***Leaf Foliage Set,*** *14 g each of olive, light green, medium green, dark green*
23102 ***Embankment Vegetation***
07011 ***Grass Tufts XL 'blooming'*** *red, yellow, light green, dark green, 104 pieces, 9 mm*
07012 ***Grass Tufts 'Wild Flowers'*** *multi-coloured flocked 52 pieces with 6 mm and 52 pieces with 9 mm*



Mix together Scatter Grass, golden yellow and 'Marsh Soil' (refs. 08324 and 08320) and flock railway embankment with Gras-Master 4.0. The Scatter Grass 'Marsh Soil' should make up a higher proportion of the mixture, since the first layer has to provide the depth effect of the grassy area.



After drying, hoover off loose grass fibres. Then moisten the tips of the first layer of grass with Grass Glue (ref. 61130 or 61131). The second layer, a 6 mm Wild Grass mixture of beige and 'Meadow' (ref. 07100 and 07101), is applied.



After drying, hoover off again and repeat the application if necessary, depending on how wild and dense you want the vegetation to be. Moisten the tips of the Wild Grass Fibres with Grass Glue and sprinkle them with some Leaf Foliage (ref. 07167). This is how weeds are created.



The railway embankment can then be decorated with natural bushes from the Embankment Vegetation (ref. 23102). Finally, decorate with Grass Tufts and 'Wild Flowers' (ref. 07011 and 07012) as desired.

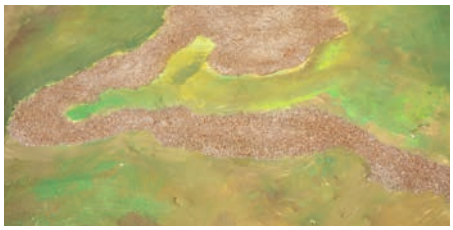


Application video (in German)
www.noch.de/youtube

How to Design Summer Meadows!

Depending on the season, the colours of meadows change from fresh green in the early summer to less intense colours with partly dried grasses in the summer. During the course of the year, meadows sometimes come by more, sometimes less water and sunshine.

These influences change the colours of the meadow. We show you how to design a 'lush' summer meadow.
***Tip:** matching figures for decorating your scene can be found in the chapter 'Figures & Decoration'.*



First, the substrate is coloured with shades of green and brown (e.g. NOCH Acrylic Paints, ref. 61194 and 61189). Take care that the colouring doesn't turn too dark. Then a path or road can be created. Allow to dry well.



The base area is now coated with NOCH Grass Glue (ref. 61130 or 61131). Then a small amount of Scatter Grass 'Meadow', 4 mm, is applied. It's important that the glue surface is not completely 'filled'.



Now you need to be quick: load the Gras-Master 4.0 with a mixture of Scatter Grass, golden yellow, Scatter Grass, medium green and Scatter Grass 'Summer Meadow' and flock directly onto the still-wet Grass Glue to fill the gaps between the 4 mm-long grass fibres. Then allow everything to dry well.



After hoovering off the loose grass fibres, design your summer meadow with Grass Tufts XL in green and beige. Here and there, a flowering bush or clump, e. g. Grass Tufts, yellow (ref. 07043), looks very good and brightens up the meadow a little.

Formula for the 'Summer Meadows' mixture

Adding a base layer of grass:

First round:

08361 ***Scatter Grass 'Meadow',*** *4 mm*

Second round:

08324 ***Scatter Grass,*** *golden yellow, 2.5 mm*

08322 ***Scatter Grass,*** *medium green, 2.5 mm*

08310 ***Scatter Grass 'Summer Meadow',*** *2.5 mm*

Vary the mixture as desired to create lighter and darker grassy areas.

Decoration and details:

07005 ***Grass Tufts XL 'beige green, dark green brown',*** *104 pieces, 9 mm*

07043 ***Grass Tufts Mini Set XL 'blooming'*** *yellow flock, 42 pieces, 9 mm*



Application video (in German)
www.noch.de/youtube

How to Let Wild Meadows Grow!

In many places, nature can run riot, unhindered and uncultivated by humans. This allows beautiful, wild meadows to thrive. Various grasses in different heights and colours characterise these expanses.

Between fields and at the edges of forests, there are also untouched natural meadows, which partly serve as biotopes.
***Tip:** matching trees for designing forests can be found in the chapter 'Trees & Bushes'.*

Formula for the 'Wild Meadows' mixture

First layer:
08361 **Scatter Grass 'Meadow',** 4 mm

Second layer:
08322 **Scatter Grass,** medium green, 2.5 mm
08362 **Scatter Grass,** beige, 4 mm
Vary the mixture as desired, we recommend 1:1.

Third layer:
08361 **Scatter Grass 'Meadow',** 4 mm
08362 **Scatter Grass,** beige, 4 mm

Decoration and details:
07044 **Grass Tufts Mini Set XL 'Meadow'**
42 pieces, 9 mm
07032 **Grass Tufts Mini Set**
green flock, 42 pieces, 6 mm
07142 **Leaf Foliage,** light green
07144 **Leaf Foliage,** medium green



First of all, the substrate is coated with NOCH Grass Glue (ref. 61130 or 61131) and flocked with Scatter Grass 'Meadow', 4 mm. Allow to dry well and hoover off excess grass fibres after approx. 4-6 hours.



Using a paintbrush, moisten the entire surface of the tips of the grass fibres with Grass Glue. Then apply a mixture of Scatter Grass, medium green, 2.5 mm and Scatter Grass, beige, 4 mm with the Gras-Master 4.0. The mixture can be varied as desired.



After drying and hoovering off again, sections of the meadow can be retouched (see Fig. 2) with Scatter Grass 'Meadow', 4 mm and Scatter Grass, beige, 4 mm, to make the grassy area a little wilder.



After any excess grass fibres have been hoovered off, you can design your wild meadow with Grass Tufts XL 'Meadow' and Grass Tufts, green. Weeds etc. can be created with Leaf Foliage, light green and medium green. Grass Glue or Landscaping Glue (ref. 61133) can be used for fixing them.

NOCH… Just Like the Original!

A huge selection of Grass Fibres for every landscape!

Our motto is 'NOCH... Just Like the Original' and we take that seriously! Therefore, it's no wonder that we have one of the largest assortments of grass fibres in many different lengths and colour hues. With the different shades of green, you can design realistic meadows, pastures, reeds or marshes in next to no time. Dried grasses can be depicted with the beige and brown fibres. Our muted colours are ideally suited to North American, Southern European and Asian landscapes.

1.5 mm Scatter Grass



Scatter Grass 'Spring Meadow', 1.5 mm
08200 20 g bag



Scatter Grass 'Meadow', 1.5 mm
08212 20 g bag



Scatter Grass 'Ornamental Lawn'
1.5 mm
08214 20 g bag

2.5 mm Scatter Grass



Scatter Grass 'Spring Meadow', 2.5 mm
08300 20 g bag
50210 100 g bag



Scatter Grass 'Summer Meadow'
2.5 mm
08310 20 g bag
50190 100 g bag



Scatter Grass 'Meadow', 2.5 mm
08312 20 g bag
50220 100 g bag



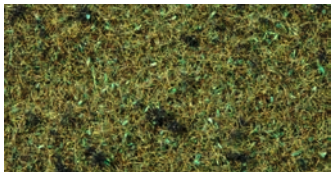
Scatter Grass 'Ornamental Lawn'
2.5 mm
08314 20 g bag



Scatter Grass 'Marsh Soil', 2.5 mm
08320 20 g bag
50200 100 g bag



Scatter Grass 'Flower Meadow'
2.5 mm
08330 20 g bag



Scatter Grass 'Forest Floor', 2.5 mm
08350 20 g bag



Scatter Grass 'Alpine Meadow', 2.5 mm
08360 20 g bag



Scatter Grass, dark green, 2.5 mm
08321 20 g bag



Scatter Grass, medium green, 2.5 mm
08322 20 g bag



Scatter Grass, brown, 2.5 mm
08323 20 g bag



Scatter Grass, golden yellow, 2.5 mm
08324 20 g bag

Master Grass Blend



Master Grass Blend 'Summer Meadow'
2.5 to 6 mm
07072 50 g bag

4 mm Scatter Grass



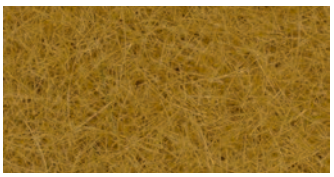
Master Grass Blend 'Cow Pasture'
2.5 to 6 mm
07073 50 g bag



Master Grass Blend 'Alpine Meadow'
2.5 to 6 mm
07075 50 g bag



Scatter Grass 'Meadow', 4 mm
08361 20 g bag



Scatter Grass, beige, 4 mm
08362 20 g bag

Suitable for Gauges	1	0	H0	TT	N	Z
Length of the Grass Fibres						
1.5 mm	–	●	●	●	●	●
2.5 mm	●	●	●	●	●	●
4 mm	●	●	●	●	●	●
6 mm	●	●	●	●	–	
9 mm	●	●	●	–	–	



6 mm Wild Grass



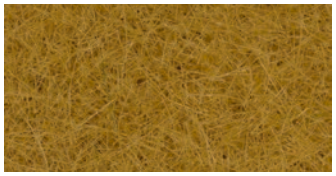
Scatter Grass, *light green, 4 mm*
08363 *20 g bag*



Scatter Grass, *medium green, 4 mm*
08364 *20 g bag*



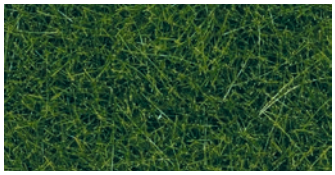
Wild Grass 'Meadow', *6 mm*
07100 *50 g bag*



Wild Grass, *beige, 6 mm*
07101 *50 g bag*



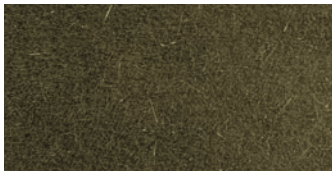
Wild Grass, *light green, 6 mm*
07102 *50 g bag*



Wild Grass, *dark green, 6 mm*
07106 *50 g bag*



Wild Grass, *medium green, 6 mm*
07081 *50 g bag*



Wild Grass, *brown, 6 mm*
07082 *50 g bag*

9 mm Wild Grass



Wild Grass, *golden yellow, 6 mm*
07083 *50 g bag*



Wild Grass 'Meadow', *9 mm*
07117 *50 g bag*



Wild Grass, *medium green, 9 mm*
07118 *50 g bag*



Wild Grass, *golden yellow, 9 mm*
07119 *50 g bag*



Wild Grass, *dark green, 9 mm*
07120 *50 g bag*



Wild Grass, *brown, 9 mm*
07122 *50 g bag*

Grass Glue



61130 **Grass Glue**
250 g



61131 **Grass Glue XL**
750 g



It's growing so green – more realistic and easier than ever before!

All fans of realistic landscape modelling can rejoice: hardly any other area of model landscaping has developed as dynamically at NOCH in recent years as the techniques of scenery greening. The results are stunning in their perfection and their unique realistic appearance. The miniature plants are cut from specially printed, multicoloured paper using a laser. Natur+ Meadows and Fields impress with grass fibres of different lengths and colours, which are applied one after the other to a wafer-thin adhesive film using a specially developed production process. The Grass Tufts and Grass Strips are unrivalled in their realistic appearance and very easy to use.

G 1 0 HO TT N Z



Fields and Meadows

Set Items – from page 162
- *Our sets make starting to design landscapes and greenery easy*

Grass Mats – from page 164
- *A simple and cost-effective way to create green landscapes*

Greenery, Flocking and Ballasting – from page 166
- *Grass fibres, grass assortments, scatter material, stones, rubble and ballast*

Natur+ – from page 174
- *Super realistic product in best quality thanks to a specially developed production process*

Grass Tufts, Grass Strips and Plants – from page 175
- *Virtually unlimited applications for beds, fallow land, field paths or embankments*

Laser-Cut minis – from page 179
- *Laser-Cut miniature plants made of special paper*

Get Started Easily with NOCH!

The first step is the easiest. For this to be true, we have put together some practical sets for you. This allows you to get to know the most important materials and methods and that way, you can be sure that you haven't forgotten anything important while shopping. It's time to unpack our useful sets on the following pages and get stuck in! We hope you have lots of fun!



Basic Set 'Modelling'

How do you make getting started with the wonderful hobby of 'model landscaping' as easy and smooth as possible? With the Basic Set 'Modelling'! The package includes everything from creating the ground to flocking and structuring realistic waters, to get you building your own model landscape.

***Note:** the Water-Drops® 'transparent' included in the set are processed while hot. Risk of burns. Please wear gloves.*

0 HO TT N Z

60801** **Basic Set 'Modelling'

Contents:
250 g of ballast
100 g of Terrain Paste, beige
200 g of Water-Drops® 'transparent'
50 g of Grass Glue
Puffer Bottle
40 g of Scatter Grass 'Summer Meadow' (length of the grass fibres: 2.5 mm)
42 g of Scatter Material, brown
35 g of Lichen
40 grass Tufts, mixed



**The stated price advantages refer to the recommended retail prices of NOCH being valid at time of the catalogue printing in September 2026.*

G 1 0 HO TT N Z



Scenery Starter Kit

The NOCH Scenery Starter Kit offers everything you need for the initial design phase:

- *For creating rocks: NOCH Rock Compound*
- *For pastures and meadows: Scatter Grass with accompanying Puffer Bottle and Grass Glue to create high-quality grass areas*
- *For initial designs: a Mini Grass Mat, NOCH Scatter Material, Natural Stones as well as high-grade Lichen, 6 Model Fir Trees and 4 Deciduous Trees*

The Scenery Starter Kit is perfectly suited for H0, TT and N gauges.

Bestseller!



H0 TT N **60800** ***Scenery Starter Kit***



Best value!



Start Set Vegetation

Electrostatic grass application gives your model landscape a certain something. With the Start Set Vegetation, this happens in a simple way, since the 2.5 mm long Scatter Grass from NOCH can easily be applied with the Puffer Bottle.

Note: *to continue modelling, you'll find Grass Glue and Scatter Grasses in many different shades in the large NOCH range.*

Video clip

07069 ***Start Set Vegetation***
Puffer Bottle, 40 g of Scatter Grass 'Summer Meadow' 2.5 mm long, 50 g of Grass Glue





Mini Start Set Landscaping

The Mini Start Set Landscaping contains a selection of the most popular modelling items with which you can create smaller model landscapes, dioramas or nativity scenes. All products are available to purchase separately to enable you to carry on modelling later.

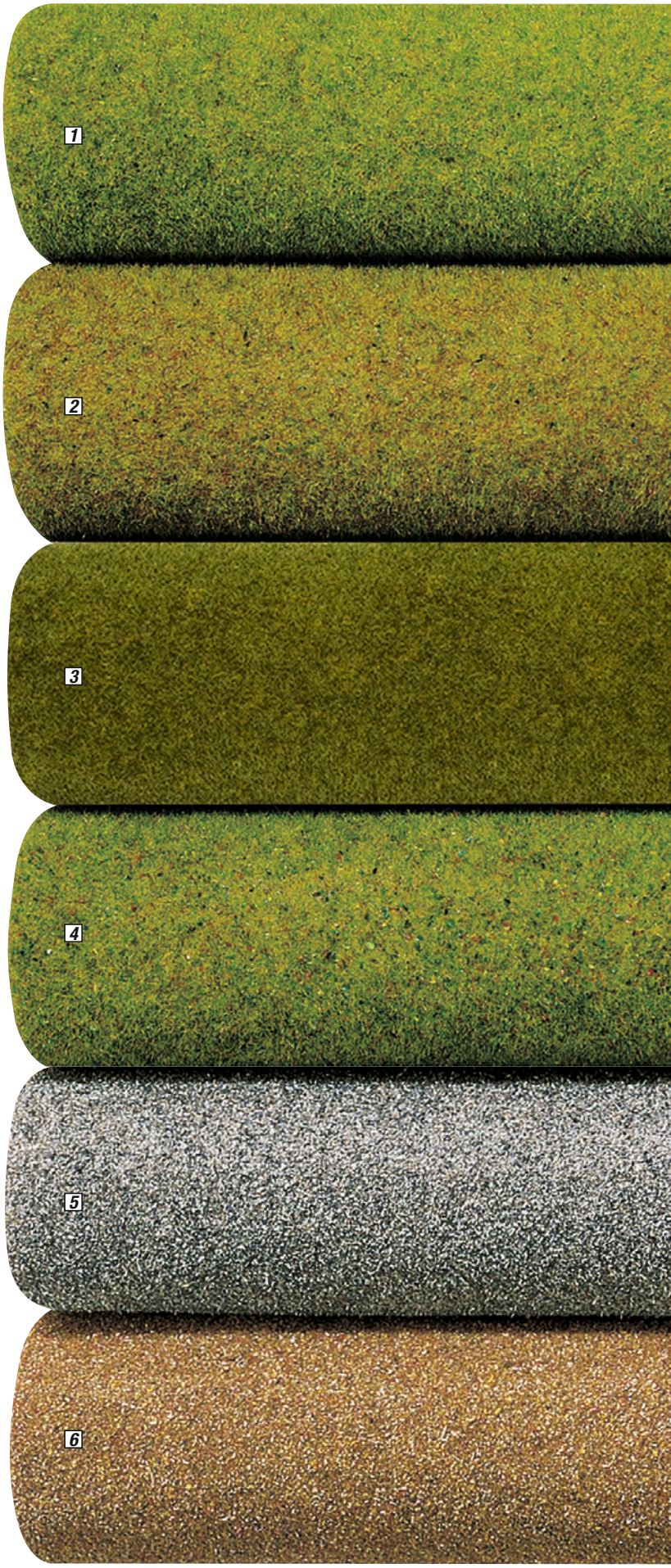
60803 ***Mini Start Set Landscaping***
Contents: Mini Grass Mat 'Meadow', 28 cm x 22 cm
Scatter Material, medium green and brown, each 10 g
Bag of Lichen, dark green, yellow and red, approx. 12 g each
Cork Rock Piece

The Ideal Basis when Becoming a Model Railway Hobbyist

Made in Germany

NOCH Grass and Ballast Mats

Here, you will be 'spoilt for choice' with four different shades of green and many different dimensions.
For the Gravel Mats, you have a choice between the 'Grey' and 'Beige' variants. A solid, heavy-duty special paper forms the underlay of the densely flocked, decidedly natural-looking mats with vertical grass fibres.



1 **00020** **Grass Mat 'Spring Meadow'**
300 cm x 100 cm

1 **00290** **Grass Mat 'Spring Meadow'**
200 cm x 120 cm

1 **00010** **Grass Mat 'Spring Meadow'**
200 cm x 100 cm

1 **00260** **Grass Mat 'Spring Meadow'**
120 cm x 60 cm

2 **00012** **Grass Mat 'Summer Meadow'**
200 cm x 100 cm

2 **00280** **Grass Mat 'Summer Meadow'**
120 cm x 60 cm

3 **00013** **Grass Mat 'Meadow'**
200 cm x 100 cm

3 **00265** **Grass Mat 'Meadow'**
120 cm x 60 cm

4 **00011** **Grass Mat 'Flower Meadow'**
200 cm x 100 cm

4 **00270** **Grass Mat 'Flower Meadow'**
120 cm x 60 cm

5 **00081** **Gravel Mat**
grey, 100 cm x 60 cm

6 **00091** **Gravel Mat**
beige, 100 cm x 60 cm

Craft Tip:
Grass Mats

You can work on the mats as a whole or cut into smaller pieces. The Grass Mat can simply be glued on with NOCH Grass Glue (refs. 61130 bzw. 61131) or NOCH Spray Adhesive 'Haftfix' (ref. 61151).
The glue used on the mats is water-soluble. If you carefully moisten the grass with a brush, you can scrape off the fibres after a few minutes and then design streams and paths.

Practical and Organised

Grass Mat Display for Specialised Dealers





71190 ***Grass Mats display, empty***
the ideal presentation solution for all NOCH Grass Mats
Dimensions:
32 cm x 32 cm, 47 cm high

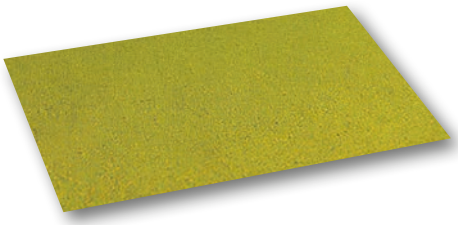
Mini Grass Mats for Quick and Uncomplicated Use!

NOCH Mini Grass Mats are particularly suitable for adding greenery to small areas. For this purpose, you can simply cut them to size with scissors or a craft knife and then stick them in the desired place. Ideal for railway modellers, nativity and diorama builders.

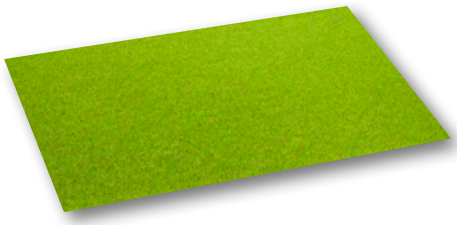
Tip: *we recommend NOCH Grass Glue (refs. 61130 or 61131) or NOCH Spray Adhesive 'Haftfix' (ref. 61151) for glueing.*



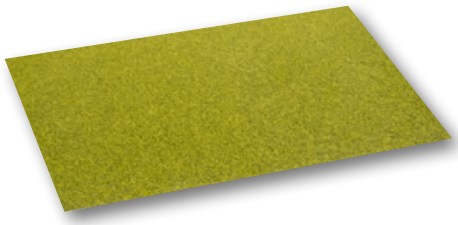
76715 ***Assortment of 60 Mini Grass Mats***
in a practical self-service carton
assorted colours
Content: *12 x Summer Meadow, 21 x Meadow, 21 x Spring Meadow, 6 x Flower Meadow*



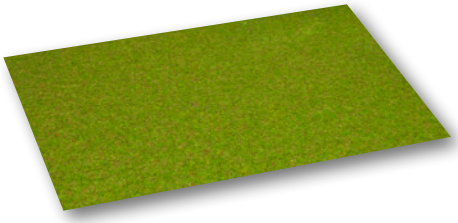
00005 ***Mini Grass Mat***
45 cm x 30 cm



00006 ***Mini Grass Mat 'Spring'***
45 cm x 30 cm, set with 4 pieces



00007 ***Mini Grass Mat 'Meadow'***
45 cm x 30 cm, set with 4 pieces



00008 ***Mini Grass Mat 'Flower Meadow'***
45 cm x 30 cm, set with 4 pieces

Ideal for Quick Applications!



Scatter Material

Our popular, particularly finely processed NOCH Scatter Material offers a variety of possibilities for realistically designing and decorating model landscapes and dioramas down to the smallest detail. Every single shade is finely tuned from the wide range of colours. You can thus use the 'pure' shade of your choice right away, but you can also mix different shades to make up a 'special shade' unique to your layout.

***Note:** 1 m² of scattered area requires approx. 100 g of Scatter Material and approx. 500 g of Grass Glue.*



***08400** **Scatter Material** **'Flower Meadow'** 42 g bag*

***08401** **Scatter Material** **'Flower Meadow'** 150 g bag*



***08410** **Scatter Material** light green, 42 g bag*

***08411** **Scatter Material** light green, 150 g bag*



***08420** **Scatter Material** medium green, 42 g bag*

***08421** **Scatter Material** medium green, 150 g bag*

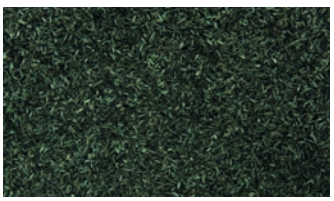


***08440** **Scatter Material** brown, 42 g bag*

***08441** **Scatter Material** brown, 150 g bag*



***08460** **Scatter Material** grey, 42 g bag*



***08470** **Scatter Material** dark green, 42 g bag*



G 1 0 HO TT N Z

Flock

PROFI Flock is a special, finely-ground flocking material in various natural colours. The product is ideal for flocking Nature Trees (ref. 23100) as well as designing realistic ground cover and meadows.



07202 **Flock**
light green, 20 g bag



07204 **Flock**
medium green, 20 g bag

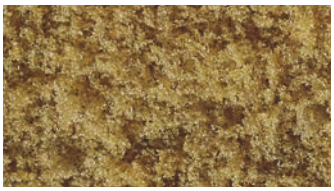


07206 **Flock**
dark green, 20 g bag

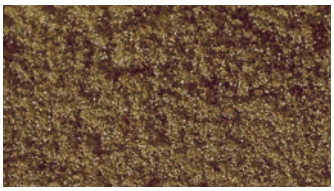




07223 **Flock**
light brown, 20 g bag



07225 **Flock**
medium brown, 20 g bag



07227 **Flock**
dark brown, 20 g bag

Structured Flock

The foam flock is ground up into two different granulations and coloured in three very realistic shades of matt green.

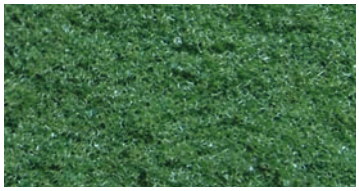
NOCH Structured Flock is therefore suitable for a wide variety of applications, such as flocking trees or designing ground vegetation and small bushes. Thanks to the three matt shades, the colours of the vegetation can be replicated in a very realistic way.



Fine Granules



Medium Granules





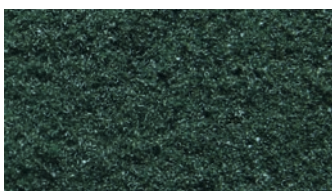
07331 **Structured Flock**
light green
fine, 3 mm, 20 g

07341 **Structured Flock**
light green
medium, 5 mm, 15 g



07332 **Structured Flock**
medium green
fine, 3 mm, 20 g

07342 **Structured Flock**
medium green
medium, 5 mm, 15 g



07333 **Structured Flock**
dark green
fine, 3 mm, 20 g

07343 **Structured Flock**
dark green
medium, 5 mm, 15 g



Foliage

Foliage is used in a wide variety of areas: grounds are given natural colours and realistic textures with foliage; riverbanks and the outskirts of forests are given natural-looking vegetation; shrubs and trees are given volume and look more realistic thanks to foliage.



Product Highlights
- Wafer-thin and highly flexible backing material
- Permanently flexible adhesive
- Elaborate flocking

Foliage

This 'classic' Foliage is provided with a fine, naturally-coloured flock. It's perfect for creating ground cover, moss and low vegetation.



07270 ***Foliage***
light green, 20 cm x 23 cm



07271 ***Foliage***
dark green, 20 cm x 23 cm



07272 ***Foliage***
olive green, 20 cm x 23 cm

Wild Grass Foliage

The Wild Grass Foliage is created through electrostatic flocking, which combines different types of grass and flock.
The Wild Grass Foliage is ideal for creating realistic grassy vegetation on natural meadows, along the outskirts of forests, lakes or riverbanks.

Meadow Foliage

The Meadow Foliage is also electrostatically flocked. Somewhat shorter fibres are used in the process, in comparison to Wild Grass Foliage.
The Meadow Foliage can be used in all kinds of areas. Examples are meadows, pastures and agricultural land.

Leafy Foliage

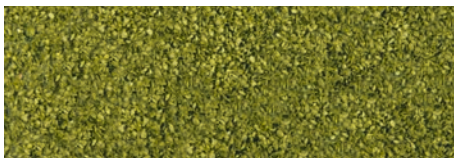
The Leafy Foliage is characterised by flocking with unique, finely-cut NOCH Leaves.
It is mainly used for adding greenery to bushes and trees as well as creating smaller bushes and ground cover.



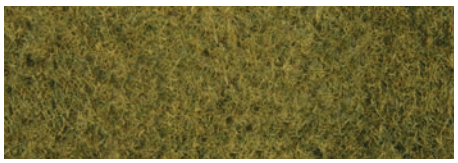
07280 ***Wild Grass Foliage***
light green, 20 cm x 23 cm



07290 ***Meadow Foliage***
yellow green, 20 cm x 23 cm



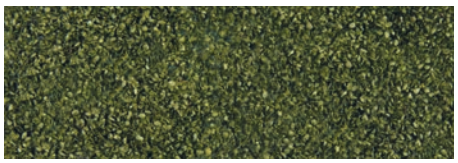
07300 ***Leafy Foliage***
medium green, 20 cm x 23 cm



07282 ***Wild Grass Foliage***
olive green, 20 cm x 23 cm



07291 ***Meadow Foliage***
medium green, 20 cm x 23 cm



07301 ***Leafy Foliage***
dark green, 20 cm x 23 cm

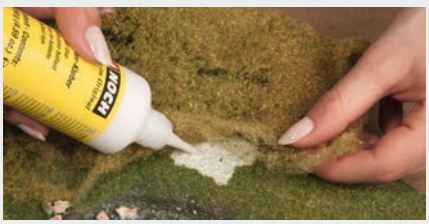
Craft Tip:
Working with the Foliage



Adjusting the size: the Foliage is split up into the desired size by hand.



Shaping: because of the highly flexible backing material, the Foliage can be stretched effortlessly.



Applying: the Foliage is stuck on with NOCH Scenery Glue (ref. 61133).

G 1 0 HO TT N Z

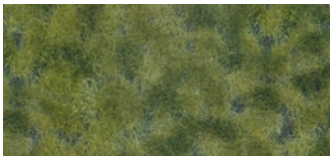


Innovation for Designing the Perfect Ground

Groundcover Foliage

Various grasses and bits of flock material are electrostatically flocked onto black, non-adhesive backing material. Due to the special, permanently flexible adhesive, the foliage can be effortlessly pulled off the backing material. The Groundcover Foliage is then incorporated into the model landscape as a whole or in pieces. We recommend Scenery Glue (ref. 61133) or Grass Glue (refs. 61130 or 61131) for glueing.

Product Highlights:
- Wafer-thin foliage on sturdy black backing material
- Simply pull off and use as a whole or in pieces
- Realistically designed with various fibres and flakes



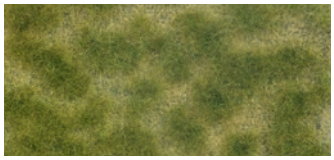
07250 ***Groundcover Foliage***
medium green, 12 cm x 18 cm



07251 ***Groundcover Foliage***
olive green, 12 cm x 18 cm



07252 ***Groundcover Foliage***
dark green, 12 cm x 18 cm



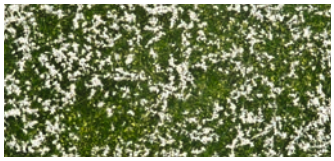
07253 ***Groundcover Foliage***
green / beige, 12 cm x 18 cm



07254 ***Groundcover Foliage***
green / brown, 12 cm x 18 cm



07255 ***Groundcover Foliage, Meadow***
yellow, 12 cm x 18 cm



07256 ***Groundcover Foliage, Meadow***
white, 12 cm x 18 cm



07257 ***Groundcover Foliage, Meadow***
red, 12 cm x 18 cm

Craft Tip:
Processing the Groundcover Foliage



The area in the model is sparingly coated with NOCH Grass Glue.



A piece of the Groundcover Foliage is detached from the backing material.



The Groundcover Foliage is pressed into the glue bed.



The realistic ground design of the finished scene is inspiring.



Ideal for Realistic Bushes and Overgrown Hedges

PROFI Bushes

In contrast to neatly mown lawns and meticulously cut bushes and hedges, free-growing nature flourishes in the light and is barely confined in its thirst for growth. For modellers, depicting free-growing nature in a model is a huge challenge.
This can be realised perfectly with PROFI Bushes. PROFI Bushes are suitable for reproducing both flat, intensive undergrowth such as brambles, or even higher, dense bushes in a model.

The super realistic Bushes' backing material is a natural fibre that is stable and malleable. It was flocked with a special mixture of NOCH Leaves and NOCH Structured Flock for a natural optical effect. This gives us a unique product that is ideal for depicting dense model vegetation.



07310 ***PROFI Bushes,*** *medium green, 40 g*



07311 ***PROFI Bushes,*** *dark green, 40 g*



Craft Tip:
Processing of the PROFI Bushes



This amount of PROFI Bushes is in the packaging.



The PROFI Bushes material is pulled apart with your fingers and shaped to create dense groundcover and small or large bushes.



It is then glued into the model landscape using Grass Glue (refs. 61130 or 61131) or Landscaping Glue (ref. 61133).

G 1 0 HO TT N Z

Leaf Foliage and Leaf Foliage Sets

Made in Germany

The popular NOCH Leaf Foliage is made of a very finely-cut, special material. The individual leaves have a deceptively real leafy shape. They are great for flocking trees or bushes or creating ivy, ground cover and deciduous forest cover.
The Leaf Foliage is available in individual packs as well as in the Leaf Foliage Set with various shades of green or the Autumn Leaf Foliage Set.

Craft Tip:
Leaf Foliage

NOCH Leaf Foliage is ideal for adding leaves to the NOCH Nature Trees (ref. 23100; see 'Trees and Bushes' chapter). Spray the Nature Trees with Spray Adhesive 'Haftfix' (ref. 61151) or with Landscaping Spray Glue (ref. 61141) and sprinkle over the leaves with the PROFI Shaker (ref. 08099).







07167 ***Leaf Foliage Set***
olive, light green, medium green, dark green



07168 ***Autumn Leaf Foliage Set***
yellow, red, redbrown, orange-brown



07142 ***Leaves***
light green, 50 g bag



07144 ***Leaves***
medium green, 50 g bag



07146 ***Leaves***
dark green, 50 g bag



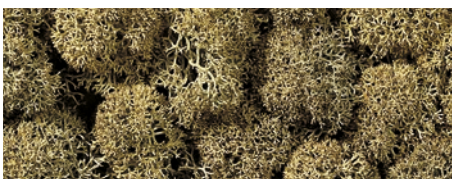
08099 ***PROFI Shaker, empty***
Small tub, big effects: perfect for storing and applying the PROFI Leaf Foliage product. With a practical sieve and scatter insert.



Lichen

NOCH Lichen is made of 100 % real Iceland lichen and is therefore a completely natural product. So that it retains its natural springiness for as long as possible, it is pretreated in a special process and then dyed. With its authentic appearance, NOCH Lichen is ideally suited to the true-to-life design of bushes, hedges or ground cover.





08600 ***Lichen***
stone grey, 35 g bag



08610 ***Lichen***
light and dark green assorted, 35 g bag

08621 ***Lichen***
light and dark green assorted, 75 g bag



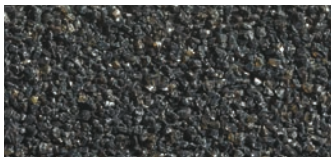
08630 ***Lichen***
autumn mix, 35 g bag

08620 ***Lichen***
autumn mix, 75 g bag



Natural Stones

Nothing looks more realistic than natural products. That's why NOCH chooses natural stones for model landscaping. All stones are finely ground and sorted by size.



09202 ***Coal***
250 g bag



09204 ***Chippings 'Lahn'***
250 g bag



09214 ***Boulders***
250 g bag





09216 ***Sandstone Boulders***
250 g bag



09226 ***Rock Boulders 'Hegau'***
250 g bag

PROFI Rocks 'Rubble'

Steep mountains and rocky slopes are among the most impressive motifs that can be recreated in a model landscape.
Small and large rocks and boulder blocks regularly break away from cliffs and crags and then accumulate in screes, beneath steep mountain walls or in riverbeds. The PROFI Rocks 'Rubble' from NOCH is ideal for recreating such rock formations, screes and wonderful riverbeds and lakebeds in your model, and for adding detail. The rubble is available in three different granulations, which can be used alone or mixed together.



09228 ***PROFI Rocks 'Rubble'***
fine, 80 g bag,
grain 1 mm – 2 mm



09230 ***PROFI Rocks 'Rubble'***
medium, 80 g bag
grain 2 mm – 5 mm



09232 ***PROFI Rocks 'Rubble'***
coarse, 80 g bag
grain 6 mm – 16 mm



Sand and Gravel

You can design beautiful dream beaches and realistic country lanes with these fine, natural products. The Sand is available in two granulations: fine and medium.
The Gravel is much coarser, though perfectly complements the colour of the Sand. All three products can also be used mixed together.



09234 ***Sand***
fine, 250 g bag



09235 ***Sand***
medium, 250 g bag



09237 ***Gravel***
250 g bag



G 1 0 HO TT N Z



Ballast

Ballast and stones play a very important role when designing a realistic model landscape.

Typically, track ballast is mined by region and therefore reflects the colour of the rocks and stones of that region.



HO TT

09372 **Ballast**
brown, 250 g bag

N Z

09172 **Ballast**
brown, 250 g bag



HO TT

09374 **Ballast**
grey, 250 g bag

N Z

09174 **Ballast**
grey, 250 g bag



HO TT

09376 **Ballast**
dark grey, 250 g bag
suitable for Märklin® C-Track





HO TT

09361 **PROFI Ballast 'Limestone'**
beige brown, 250 g bag

N Z

09161 **PROFI Ballast 'Limestone'**
beige brown, 250 g bag



HO TT

09363 **PROFI Ballast 'Granite'**
grey, 250 g bag

N Z

09163 **PROFI Ballast 'Granite'**
grey, 250 g bag



HO TT

09365 **PROFI Ballast 'Basaltic Rock'**
dark grey, 250 g bag

N Z

09165 **PROFI Ballast 'Basaltic Rock'**
dark grey, 250 g bag



HO TT

09367 **PROFI Ballast 'Gneiss'**
red brown, 250 g bag

N Z

09167 **PROFI Ballast 'Gneiss'**
red brown, 250 g bag

Ballast Glue

Thanks to the nozzle of the Ballast Glue, it is even easy to reach inaccessible spots.

Usage: *spread the loose ballast between the sleepers and then drizzle on the Ballast Glue.*



61134 **Ballast Glue**
130 g

Natur+ Meadows

Due to a specially developed production process, grass fibres of different lengths and colours are applied one after the other to a wafer-thin adhesive film. The result: a super realistic, flexible vegetation mat that adapts perfectly to the terrain.

Info Tip:
Advantages of Natur+ Meadows & Fields

- *Grass fibres in different lengths (2.5 mm to 12 mm) and colours are flocked one after the other in a special process*
- *Extra thin backing layer made of flexible special adhesive*
- *Easy to lay, including on uneven ground*
- *Very easy to work with (cut, tear, glue)*
- *Includes grass tufts for a realistic design*

Super realistic!



07403 ***Natur+ 'Summer Meadow'***
in three colours
22 cm x 20 cm, with 10 grass tufts





07442 ***Natur+ 'Swimming Lake'***
swimming lake, meadow
flocked in three colours
22 cm x 20 cm, 10 grass tufts





07421 ***Natur+ 'Cornfield'***
extra long yellow fibres in
one colour with golden tips
22 x 20 cm, 10 grass tufts



Grass Strips, Grass Tufts and Grass Tufts Mini Sets

Field paths, river embankments or grasses underneath crash barriers or at the outskirts of forests as well as other scenes can be implemented easily and effectively with the practical Grass Strips and Grass Tufts. You can create natural-looking vegetation within the blink of an eye – with the Grass Tufts even in an XL version! All of the products shown on these two pages are particularly easy to use, since they are highly flexible and can therefore be installed in your landscape easily.
The Grass Tufts Mini Sets are very good for smaller building projects. As with the large packs, the Mini Sets include 'normal' grass tufts with a fibre length of 6 mm and extra-long grass tufts with a fibre length of 9 mm.





07125 ***Grass Tufts 'light and dark green'***
6 mm, different shades of green
18 strips and 18 tufts





HO TT **07136** ***Lavender***
Grass tips refined with fine purple flock, 18 strips and 18 tufts

Green Grass Tufts



6 mm

07009 ***Grass Tufts 'dark green, medium green brown, golden yellow'***
104 pieces, 6 mm

07127 ***Grass Tufts 'light and dark green'***
different shades of green, 104 pieces, 6 mm

07032 ***Grass Tufts Mini Set***
green flock, 42 pieces, 6 mm

07037 ***Grass Tufts Mini Set 'Meadow'***
42 pieces, 6 mm

9 mm

07005 ***Grass Tufts XL 'beige green, dark green brown',*** *104 pieces, 9 mm*

07006 ***Grass Tufts XL 'dark green, medium green brown, golden yellow'***
104 pieces, 9 mm

07044 ***Grass Tufts Mini Set XL 'Meadow'***
42 pieces, 9 mm



Refined Grass Tufts



6 mm

07034 ***Grass Tufts Mini Set 'Field Plants'***
green flock, 42 pieces, 6 mm

07035 ***Grass Tufts Mini Set 'blooming'***
red flock, 42 pieces, 6 mm

07133 ***Grass Tufts 'Field Plants'***
light, medium and dark green flock, 104 pieces, 6 mm

07135 ***Grass Tufts 'blooming'***
yellow, red, white flock 104 pieces, 6 mm

07012 ***Grass Tufts 'Wild Flowers'***
multi-coloured flocked 52 pieces with 6 mm and 52 pieces with 9 mm

9 mm

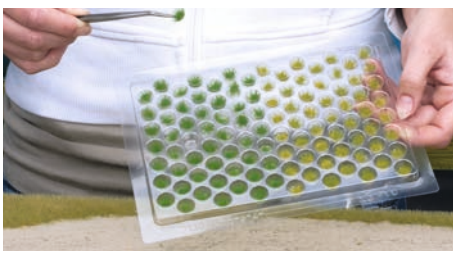
07011 ***Grass Tufts XL 'blooming'***
red, yellow, light green dark green, 104 pieces, 9 mm

07041 ***Grass Tufts Mini Set XL 'Field Plants'***
green flock, 42 pieces, 9 mm

07042 ***Grass Tufts Mini Set XL 'blooming'***
red flock, 42 pieces, 9 mm

07043 ***Grass Tufts Mini Set XL 'blooming'***
yellow flock, 42 pieces, 9 mm

07013 ***Grass Tufts 'Field Flowers'***
multi-coloured flocked 52 pieces with 6 mm and 52 pieces with 9 mm



Remove Grass Tufts from the packaging, ...



prepare them with a drop of glue, ...



and place them in the landscape.

Little Innovation, Big Impact!

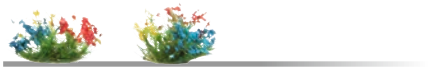
PROFI Grass Tufts

Innovative & Creative!

It's all in the blend! NOCH PROFI Grass Tufts are particularly realistic through the use of different grass fibres, stones, scatter and flock. This allows special tufts to be created for very special applications. The PROFI Grass Tufts are suitable for designing model railway layouts and landscapes but are also ideal for modellers who want to decorate a diorama or model base.







06900 ***PROFI Grass Tufts 'Blossoming'***
flocked in multiple colours, 25 pieces, 9 mm



06910 ***PROFI Grass Tufts 'Dry Grass'***
green, beige, with brown flock, 25 pieces, 6 mm



06920 ***PROFI Grass Tufts 'Stony'***
green, beige, with white & beige stones, 5 pieces, 6 mm



06921 ***PROFI Grass Tufts 'Stony'***
green, beige, with grey stones, 25 pieces, 6 mm

Bring Some Colour into Model Nature!

Flowers

Our Flowers are a wonderful little innovation: in a bed made of 4 mm long green fibres are some 9 mm long fibres that have been flocked in colour. In this way, wonderfully natural-looking flower beds can be reproduced in a model. Each of the two sets contains a total of 250 flowers in five different colours. The Flowers are removed from the pack and fixed in the model landscape with a drop of adhesive.

We recommend you to use NOCH Scenery Glue (ref. 61133), but hot glue or all-purpose glue are also ideally suited.





06800 ***Flowers***
250 pieces, red, blue, yellow, pink and white



06805 ***Flowers***
250 pieces, green and yellow, blue and white heather, cornflowers, lavender

Craft Tip:
Processing the Flowers



The Flowers are removed from the pack ...



... and put in the model scene with Scenery Glue (ref. 61133).

Harvest Time at Last!

Hay and Straw Bales



The dried stalks that are left over when grain is harvested are called straw. It is pressed into bales to make it easier to transport and to save space. In agriculture, straw is used as feed and bedding. But it is also used as insulation in construction, fuel or raw material for huts, mats and baskets.
The pack contains 36 model straw bales, each 0.5 cm x 0.8 cm x 1.2 cm in size.



H0 **07461** ***Straw Bales***
36 pieces, 0.5 cm x 0.8 cm x 1.2 cm



Huge hay bales can be seen in the fields during harvesting. Perfect companion to the Nature+ 'Cornfield' from NOCH (ref. 07421).
The pack contains 18 model Hay Bales each 1.3 cm x 1.5 cm x 1.3 cm in size.



H0 **07460** ***Hay Bales***
18 pieces, 1.3 cm x 1.5 cm x 1.3 cm



For the Perfect Decoration

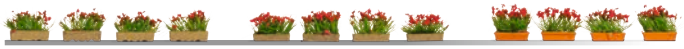
Ornamental Plants

The elaborately handcrafted Ornamental Plants are lovely decorative objects for parks, buildings, pedestrian zones, gardens and much more.





HO **14009** ***Flower Boxes, blooming, red, white and yellow***
12 Flower Boxes



HO **14010** ***Flower Boxes, blooming, red***
12 Flower Boxes



HO **14012** ***Ornamental Plants in Pots***
9 Flower Pots

N **14080** ***Ornamental Plants in Pots***
(illustration similar) 9 Flower Pots



HO **14020** ***Ornamental Plants in Tubs***
3 Flower Tubs



HO **14024** ***Palms***
3 pieces



HO **14031** ***Flowers in Pots***
9 Flower Pots

N **14084** ***Flowers in Pots***
9 Flower Pots



N **14082** ***Ornamental Plants in Tubs***
9 Flower Tubs



HO **14885** ***Flowerpots***
27 Flower Pots and Troughs

LASER CUT®
minis

Super Realistic Miniature Plants!

Laser-Cut minis+

Laser-Cut minis+ are a top innovation in model landscaping. They make designing realistic scenes even easier! The highly filigree plants are laser-cut, then elaborately formed by hand and additionally refined in part with flower flock.

The Laser-Cut minis+ are available in two versions: either in a practical 'DIY planting' blister pack or ready-planted in flowerpots or flower tubs.





HO **14050** ***Flower Garden***
17 plants (Lily, red Foxglove, Sage, Roses, blooming Flowers)



HO **14056** ***Field Plants and Wild Flowers***
17 plants (Poppy, Fern, Stinging Nettles, blooming Flowers, Broom)



HO **14052** ***Water- and Riverside Plants***
17 plants (Pickerelweed, Butter Bur, Water Lilies, Wild Rye, Reed)

It's so easy to work with Laser-Cut minis+

The advantages at a glance:
- *Completely 'ready-to-plant' mini plants*
- *Super realistic thanks to laser cutting and flocking*
- *Elaborately flocked by hand*





Remove the Laser-Cut minis+ Plants from the packaging,...



prepare them with a drop of glue, ...



and insert them into your model landscape!



Pure Realism in Miniature!

Laser-Cut minis

NOCH Laser-Cut minis are a series of small, realistic laser-cut plants and laser-cut kits. The miniature plants are laser-cut from sturdy, multicoloured, printed special paper. The readers of 'Eisenbahn Magazin' (a German model railway magazine), named this innovation Model of the Year in 2009. Since then, the Laser-Cut minis have been developed further and made even more delicate, so the finest details and structures are visible. Due to the composition of the special paper, they are very stable and malleable at the same time. In addition, they do without the artificial shine of plastic products. It doesn't get more natural!
The Laser-Cut minis are highly detailed models at a low price. They liven up the scenery and have a place on every model landscape. You'll find more kits from page 234 onwards in this catalogue.

Laser-Cut minis Plants



HO **14100** ***Fern***
9 plants

N **14606** ***Fern***
18 plants



HO **14102** ***Reed***
16 plants

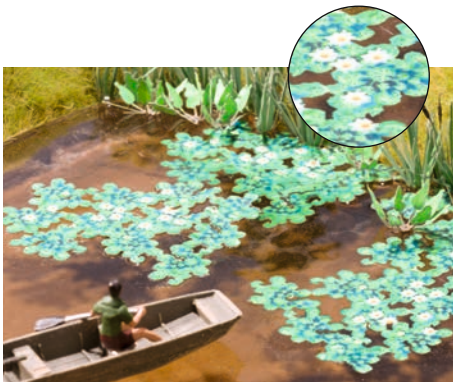
N **14608** ***Reed***
16 plants



HO **14107** ***Vegetable Garden Set***
6 Leeks, 5 Courgettes, 15 Turnips

1 G 0 HO TT N Z





HO **14114** ***Lotus Flower***
Total area approx. 60 cm²



HO **14118** ***Rambler Roses***
6 plants



HO **14132** ***Virginia Creeper***
12 plants



HO **14138** ***Stinging Nettle***
10 plants





In many specialist shops, the Laser-Cut minis are presented on an attractive stand.



HO **14140** ***Water Lilies***
18 plants

Craft Tip:
Laser-Cut minis

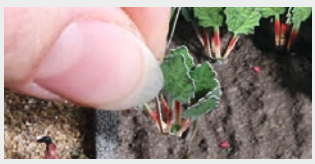
Usage is very simple: the Laser-Cut minis are shaped by hand and fixed onto the model landscape with a drop of standard commercial glue. The finished mini plants can also be stuck in flowerpots and tubs. This creates unique flower configurations for village squares and buildings. The Flowerpots (ref. 14885), which can be found on page 178, are ideally suited to this.



The plant is peeled out of the backing paper, ...



then carefully moulded into the desired shape by hand...



and secured in the model landscape with a drop of glue.



Alternatively, the plants can be glued into flowerpots.



Forest Your Model Landscape – with NOCH Trees of all Kinds and in all Sizes

Trees are an indispensable part of a charming model landscape. They liven up the scenery, introduce colour accents and lend every model railway layout a very special, unmistakable atmosphere. We offer a large assortment of trees in all sizes – just like the originals.

In addition, you can choose from various series. Top quality PROFI Trees or inexpensive Hobby Trees – there is something for everyone!

G 1 0 HO TT N Z



Trees and Bushes

Natural Trees – from page 184
• Super realistic tree structures made of natural 'seafoam' plants

Master Trees – from page 186
• Super realistic trees based on a hand-twisted wire frame

PROFI Trees – from page 192
• Handmade, high-quality trees

Trees with Function – from page 198
• Trees with sound or movement and other special trees

Classic Trees – from page 206
• The classic model tree, available as single trees or as a set

Standard Trees – from page 212
• Attractive, handmade deciduous or coniferous trees, available as single trees or as a set

Hobby Trees – from page 214
• The affordable tree in a bulk pack
• Ideal for foresting large areas



Nature Trees

These Nature Trees are – as the name suggests – totally natural products. Every tree is unique. The very differently grown Sea Foam Nature Trees are between 4 cm and 20 cm high and give each layout a particularly high degree of realism.
You can integrate the Nature Trees naturally in your layout or flock them with NOCH Flock or NOCH Leaf Foliage.

The pictures below show you how easily this is done. The sea foam for the Nature Trees is cultivated in special plantations and gently harvested.
***Note:** the contents are enough for approx. 15 to 30 trees or bushes (depending on the height).*

Super realistic!



23100** **Nature Trees



First, the Natural Tree is sprayed with NOCH Haftfix Spray Glue (ref. 61151) or NOCH Landscaping Spray Glue (ref. 61141) ...



and then flocked with Flock or Leaf Foliage from our PROFI Series.



The result: a finished Natural Tree with foliage!

***Note:** ideal for flocking NOCH Nature Trees:*



61140** **Landscaping Spray Bottle
empty

61141** **Landscaping Spray Glue
250 g, premixed and ready to spray, with spray head



61151** **Spray Adhesive 'Haftfix'
400 ml

Further information on glues can be found from page 392 onwards.



Leaf Foliage and Leaf Foliage Sets

NOCH Leaf Foliage is a very finely-cut, special material for adding foliage. The individual leaves have a real leafy shape. The Leaf Foliage is perfectly suited for flocking NOCH Nature Trees (ref. 23100 – see crafting pictures, below left). Spray the trees with NOCH Spray Adhesive 'Haftfix' (ref. 61151) or NOCH Landscaping Spray Glue (ref. 61141) and scatter on the leaves with the PROFI Shaker (ref. 08099).



07167 ***Leaf Foliage Set***
olive, light green
medium green, dark green



07168 ***Leaf Foliage Set Autumn***
yellow, red, redbrown
orange-brown



07142 ***Leaves***
light green, 50 g bag



07144 ***Leaves***
medium green, 50 g bag



07146 ***Leaves***
dark green, 50 g bag

PROFI Shaker

Small tub, big effects: perfectly suitable for sprinkling on leaf foliage without lumps. With a practical filter and scatter insert.



08099 ***PROFI Shaker***
empty



Embankment Vegetation

Design realistic embankment vegetation made of sea foam.
A natural product with amazing properties: no structure is like the other. Small, broken structures can be used as dried up or dead ground cover, as found on every rail embankment. Stronger sea foam pieces can be decorated as broken up branches, as desired.
Larger, fuller sea foam structures can simply have extra foliage added to them with the flock material enclosed in the set. This creates extremely realistic bushes.

Contents:
- *Tree structures for approx. 40-50 bushes or small trees (depending on the height)*
- *25 g of Leaf Foliage light green*
- *25 g of Leaf Foliage medium green*







The structures can be realistically flocked with leaves. The Leaf Foliage is included in the set. The resulting bushes look very realistic and can be planted on the rail embankment. Use small sea foam parts as dried ground cover and decorate the stronger ones as branches.



23102 ***Embankment Vegetation***

Handmade for the Highest Quality Standards!

Master Trees

We are setting a new quality standard with the Master Trees series. Each wire tree blank is assembled by hand from up to 40 individual wires. The thick trunk is twisted from all of the wires; thick branches are created from a bundle of wires; thin branches and the finest branches from just a few wires.
A major advantage of these wire tree blanks is that they can easily be brought into shape later by bending them.
The tree skeleton is naturally coloured and flocked with different materials depending on the species of tree. Of course we make sure that only slender branches bear foliage, while the stronger branches and the trunk are not flocked – just like in real nature.
The result is a super realistic tree. Due to the very elaborate manual work involved, every Master Tree is unique, which gives your modelling project a customised quality.

Note:
Master Trees are not only ideal for railway modellers working with all gauges but also for designing bases, dioramas and landscapes.
The sizes are interesting for 1:35, 1:48 and 1:72 military modelling scales, for example. Car modellers for scales 1:24, 1:32 and 1:45 are also sure to find the suitable tree.
To learn whether the relevant tree is suitable for your purposes, you can consult the table on the packaging or the product page on the website at www.noch.com.



Info Tip:

Master Trees are made of twisted white wire. You can therefore also change the shape of the finished tree afterwards.



20100 ***Ash Tree***
20 cm high



20101 ***Ash Tree***
13 cm high

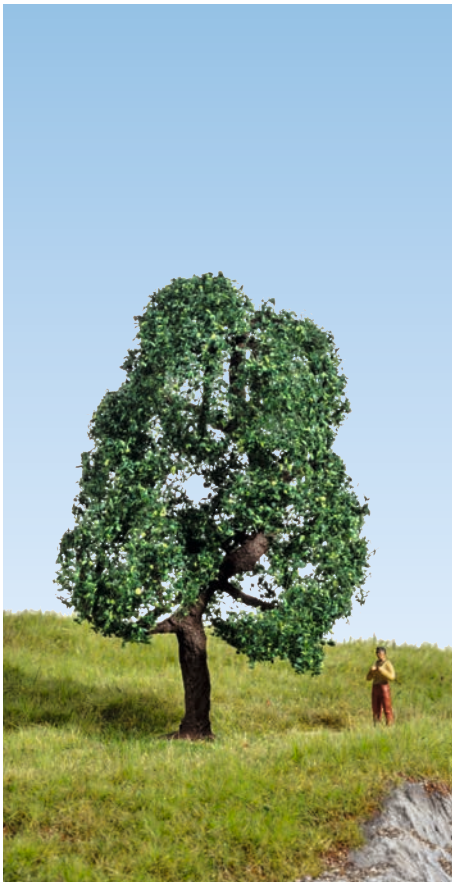


20105 ***Chestnut Tree***
19 cm high

G 1 0 HO TT N Z



20110 ***Oak***
15 cm high



20111 ***Oak Tree***
10 cm high



20114 ***Oak Tree, autumnal***
20 cm high



20115 ***Weeping Willow***
15 cm high



20120 ***Silver Birch Tree***
18 cm high



20121 ***Silver Birch Tree***
12 cm high



20125 ***Downy Birch Tree***
21 cm high



20129 ***Birch, autumnal***
21 cm high



20130 ***Poplar***
18 cm high



20140 ***Pine Tree***
15 cm high



20141 ***Pine Tree***
18 cm high



20145 ***Apple Tree***
8 cm high



20147 ***Cherry Blossom Tree***
6 cm high



20150 ***Copper Beech***
15 cm high



20151 ***Copper Beech***
10 cm high



20155 ***Maple, autumnal***
15 cm high



20167 ***Larch, autumnal***
17 cm high



Finally Autumn!

Master Trees

For many, it is the most beautiful season of all: golden autumn! The days are getting shorter, the forests are turning colourful and the model-making season is finally starting again!

We asked ourselves why there are so few model landscapes with an autumnal atmosphere. Perhaps it's because there are so few beautiful autumn trees available. That's why we are now releasing six beautiful, colourful autumn trees in the NOCH Master Series. In addition to the colourful deciduous trees – a stately maple, a delicate birch and an impressive oak – three dainty autumn larch trees will bring colour to your model landscape. Let yourself be inspired by autumn for your next model building project!



20168 ***Larch, autumnal***
19 cm high



20169 ***Larch, autumnal***
22 cm high



20193 ***Spruce Tree***
15 cm high



20190 ***Spruce Tree***
19 cm high



20191 ***Spruce Tree***
22 cm high



20192 ***Spruce Tree***
25 cm high



20195 ***High Trunk Spruce Tree***
14 cm high



20196 ***High Trunk Spruce Tree***
21 cm high



20197 ***High Trunk Spruce Tree***
23 cm high

Quality to Meet the Highest Demands
PROFI Trees

Since 2010, we have been producing our model trees in our own factory in Vietnam. The trees are lovingly made by hand there. This made it possible to further improve the quality of our well-known PROFI Trees.

- *The trunks of the trees are painstakingly painted by hand with matt paint, so that no shiny plastic surfaces are to be seen.*
- *To give the tree more volume, a fine web is incorporated into the branches before they are flocked.*
- *High-grade NOCH Leaf Foliage is used as flock. The specially ground and elaborately painted material resembles the leaves of the original trees in both shape and colour.*
- *As in nature, only the fine branches of NOCH Model Trees bear leaves. The thick branches are left out during the elaborate hand flocking stage.*

The NOCH PROFI Trees Series meets the highest standards of quality and realism. See for yourself!



Thanks to the sizing scale on the packaging, you can easily see how tall the respective tree will be in your gauge.



H0 TT N **21550** ***Fruit Tree***
green, 7.5 cm high



H0 TT N **21560** ***Apple Tree with Fruits***
7.5 cm high



H0 TT N **21570** ***Fruit Tree***
blooming, 7.5 cm high



H0 TT N **21600** ***Pear Tree***
green, 11.5 cm high



H0 TT N **21640** ***Birch Tree***
11.5 cm high



H0 TT N **21650** ***Rowan Tree with Berries***
11.5 cm high

G 1 0 H0 TT N Z







HO TT **21538** ***Saplings with Tree Props***
6 pieces, 4 cm high



O HO TT N **21660** ***Acacia***
15 cm high



HO TT N **21690** ***Beech***
13 cm high



HO TT N **21730** ***Copper Beech***
13 cm high



HO **21642** ***Tree with Circular Bench***
11.5 cm high



O HO TT N **21760** ***Oak***
15 cm high



HO TT N **21770** ***Weeping Willow***
11 cm high



O HO TT N **21780** ***Lime Tree***
18.5 cm high



O HO TT N **21800** ***Chestnut Tree***
19 cm high

PROFI Tree Structures

Many passionate modellers have expressed a desire for the NOCH range to include large trees without leaf foliage. The possible uses of these Tree Structures are very diverse.
On the one hand, you can make your own beautiful model trees out of the 'naked' trees. On the other hand, they are also the ideal basis for splendid winter trees.



HO TT N **22010** ***Tree Structure 'Beech Tree'***
13 cm high



O HO TT N **22020** ***Tree Structure 'Lime Tree'***
18.5 cm high

Craft Tip:
Winter Trees



The Tree Structure is coated with NOCH Snow Paste (ref. 08752).



Leave to dry and the impressive winter tree is done.

G 1 0 HO TT N Z



Wow, They're Huge!

Extra large PROFI Trees

Did you know that birch trees can grow up to 30 metres high and lime trees even up to 40 metres? A birch tree would then be up to 34 cm high in H0 gauge; a lime tree would be up to even 50 cm. Even if that would be a bit too much for a standard model landscape, it's time for taller trees! Because with these especially impressive standalone specimens, beautiful model scenes can be realised. Four typically solitary trees are at your disposal here: Birch, Lime, Oak and Chestnut.



0 **H0** **21641** ***Double Trunk Birch Tree***
19 cm high



0 **H0** **21761** ***Oak Tree***
19 cm high



0 **H0** **21781** ***Lime Tree***
18.5 cm high



0 **H0** **21802** ***Chestnut Tree***
18.5 cm high

Shiver Me Timbers!

PROFI Fir Trees, Spruces and Pine Trees

With these high-quality firs, spruces and pines, we offer individual trees of convincing quality.
The filigree needles are electrostatically flocked. PROFI Fir Trees and Spruces thus look even more realistic.



HO TT N

21810 **Nordic Fir Tree**
12 cm high



HO TT N

21811 **Nordic Fir Tree**
14.5 cm high



HO TT N

21815 **Spruce Tree**
12 cm high



HO TT N

21816 **Spruce Tree**
14.5 cm high





HO TT N

21914 **Pine Tree**
15 cm high



HO TT N

21919 **Spruce Tree**
10.5 cm high



HO TT N

21924 **High Trunk Spruce Tree**
14.5 cm high



Mediterranean Trees

In the NOCH range, you'll find Palm Trees, Stone Pine Trees, Cypress Trees, Olive Trees and Almond Trees for designing beaches and Mediterranean landscapes.
We hope you have fun building your Mediterranean dream landscape.



0 HO TT

21972 ***Palms***
2 pieces,
15 cm and 19 cm high



HO TT N **21992** ***Stone Pines***
2 pieces, 8.5 cm and 11.5 cm high



HO TT **21995** ***Olive Trees***
2 pieces, 6 cm and 9 cm high



HO TT N **21996** ***Almonds***
2 pieces, 8 cm and 9 cm high



HO TT N **21998** ***Cypresses***
3 pieces, 10 cm, 11 cm and 13 cm high

’Special’ Trees

Our ’Special’ Trees are characterised by great functions, such as sound or movement, or by pretty additions, such as a treehouse. Let yourself be inspired.

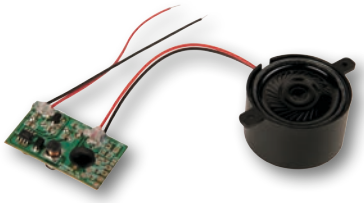
Spring at Last and the Birds Are Tweeting Again!

Tree with Tweeting Bird

Spring is finally here! The birds return, settle in the trees and tweet and sing again. The days get longer, and the weather gets better. One of the most beautiful seasons! The birds are packed loose and not yet glued on the branches. So you can decide with which birds and where you would like to decorate your lime tree. Temporary Glue (ref. 61121) is perfect for fixing.
The sound module can be connected to a standard 16 V model railway transformer. Suitable for AC or DC.











HO **21782** ***Tree with Tweeting Birds***
18.5 cm high, including 12 birds and 3 nests

G 1 0 HO TT N Z



Childhood Dreams Come True ...

Tree with Treehouse

LASER CUT

This mighty oak with its lovingly designed Treehouse is a very special eye-catcher on any model landscape. The Treehouse is a ready-made laser-cut building model.



H0 21765 Tree with Treehouse
15 cm high, figures are not supplied. We recommend Children on the Football Ground (ref. 15817) or Children (ref. 15815)



TT 21767 Tree with Treehouse
13 cm high, figures are not supplied We recommend Parents & Children (ref. 45590) and Children on the Football Ground (ref. 45817)



N 21766 Tree with Treehouse
10 cm high, figures are not supplied We recommend Children (ref. 36809 and 36815)

Childhood Memories Are Awakened!

micro-motion Tree with Swing

It's summer and a beautiful sunshiny day is coming to an end. While Mum prepares dinner, the little daughter swings enthusiastically on the swing, which Dad hung on her favourite tree for Easter.
The scene in which our Tree with Swing is called into action could look something like this. The Tree with Swing is a fascinating micro-motion product that awakens wonderful childhood memories. The bottommost branch of the mighty oak holds a swing, on which a little girl is sitting.

The Tree with Swing is supplied ready for installation. The drive consists of a motor and a gearbox and is located under the tree. The electronics supplied can be connected to a standard 16 V model railway transformer and are suitable for AC and DC. The speed of the swinging movement can be set on the circuit board.







Video clip

HO **21768** ***micro-motion Tree with Swing***
Overall 18.5 cm high (height of tree 15 cm installation depth for drive 3.5 cm)

G 1 0 HO TT N Z

Timber!

micro-motion Falling Tree 'Fir Tree'

Model scenes frequently captivate people with little gimmicks and surprises that they don't suspect at first glance. The Falling Tree is just such a gimmick. The viewer is very surprised when an imposing 17 cm tree falls to the ground completely unexpectedly at the edge of the model forest.
The trick behind this is extremely simple: there is a servo under the tree that brings it down realistically: slowly at first, and then faster until the tree finally hits the ground. After a few seconds, the tree stands up again on its own.

The Falling Tree is an impressive, extremely realistically handmade, twisted wire tree that is elaborately flocked.
The electronics supplied can be connected to a commercially available 16 V model railway transformer and are suitable for AC and DC.





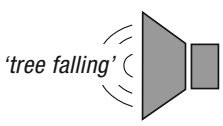
H0 TT **21775** ***micro-motion Falling Tree 'Fir Tree'***
Overall 18.2 cm high (height of fir tree 17 cm installation depth for drive 1.2 cm)



Matching Accessories:

This is how you make the scene even more realistic
'Watch out, tree falling!' echoes through the forest. Before that, the chainsaw roars realistically several times.





H0 **12845** ***Sound Scene 2.0 'Felling Trees'***

N **12945** ***Sound Scene 2.0 'Felling Trees'***



Wanderlust and Pure Romance!

micro-motion Palms with Hammock

Picture this: crystal-clear water for as far as the eye can see; a dream beach with white sand and the sound of gently lapping waves. You enjoy the moment sitting with your sweetheart on a gently swaying hammock. That is wanderlust and pure romance!
The wonderful model consists of two palm trees with super realistic, laser-cut palm leaves and a hammock on which a couple is sitting.
The palm trees, hammock and model figures come completely assembled.
The hammock is driven via a magnet by a motor located directly underneath the model (installation depth: 3.5 cm).
The mechanism for the drive is supplied as a kit. The electronics (also supplied) are connected to a 16 V model railway transformer and are suitable for AC and DC. The speed of the hammock's movement can be set on the circuit board.





HO **21772** ***micro-motion Palms with Hammock***
8.0 cm x 8.1 cm x 8.5 cm
Installation depth: 3.5 cm



HO TT N **21973** ***Palm Trees***
4 pieces, 4.5 cm high

G 1 O HO TT N Z



For Cosy Hours in the Model Garden!

micro-motion Tree with Hammock

The Tree with Hammock is a real highlight and brings a relaxed summer atmosphere to the model. A hammock is stretched between a high-quality, handcrafted NOCH Master Tree and a filigree 3D-printed stand, in which a woman in a bikini is sleeping. She seems to have fallen asleep while reading, an open book is lying on her leg. A lively, detailed motif that brings peace, joie de vivre and movement to any model landscape.

What makes this model special is that the hammock is movable. An underground motor (installation depth 3.5 cm) moves the hammock realistically. The drive mechanism is supplied as a kit. The electronics, which are also included, are connected to a 16 V model railway transformer and are suitable for direct and alternating current. The speed of the hammock's movement can be adjusted on the circuit board.



H0 **21773** ***micro-motion Tree with Hammock***
Base size: 9.7 cm x 8.1 cm
Installation depth: 3.5 cm
Height of tree: 16 cm



Vines

The vine leaves are made from the well-known high-grade NOCH Leaf Foliage. Each pack contains 24 vines (six rows of four vines each).





HO TT **21540** ***Vines***
24 Vines, approx. 2.2 cm high

N Z **21545** ***Vines***
24 Vines, approx. 1.6 cm high



Plantation Trees

As well as the traditional meadow orchards, fruit plantations are increasingly shaping our landscape. With these Plantation Trees, you can now perfectly reproduce this as a model. The Plantation Trees with Apples also bear small yellowish-red fruits.





HO TT **21532** ***Plantation Trees with Apples***
12 pieces, 3.5 cm high

N Z **21537** ***Plantation Trees with Apples***
24 pieces, 2 cm high

G 1 0 HO TT N Z



Thuja Hedge

Almost everyone is familiar with evergreen thuja trees and shrubs. As a hedge, the thuja, also called the tree of life, lines countless gardens and parks. As a solitary plant, the thuja is imposing, as it can grow to well over 20 metres high.



H0 TT N **21547** ***Thuja Hedge***
12 pieces, 3 cm high



Ornamental Bushes

Large and small bushes and shrubs can be found everywhere. Gardens, parks, terraces and even balconies are decorated with and shaded by shrubs. The Ornamental Bushes bring variety and diversity to your model landscape.





H0 TT N **21546** ***Ornamental Bushes,***
12 pieces, 4 cm – 5 cm high



H0 **14013** ***Ornamental Trees in Tubs***
2 pieces

Reliable Classics for Every Model Landscape!

Classic Trees

NOCH Classic Trees are lifelike yet affordable, high-quality model trees with high-grade flock.
You can get the trees as an attractive blister pack or individually packed in a plastic bag. The Classic Trees are suitable for displaying on their own or for populating entire forests.



Thanks to the sizing scale on the packaging, you can easily see how tall the respective tree will be in your gauge.



HO TT **25110** ***Fruit Trees***
green, 3 pieces, 8 cm high

N Z **25510** ***Fruit Trees***
green, 3 pieces, 4.5 cm high



HO TT **25111** ***Fruit Trees***
white blossom, 3 pieces, 8 cm high

N Z **25511** ***Fruit Trees***
white blossom, 3 pieces, 4.5 cm high



HO TT **25112** ***Fruit Trees***
pink blossom, 3 pieces, 8 cm high



HO TT **25113** ***Apple Trees***
3 pieces, 8 cm high

N Z **25513** ***Apple Trees***
3 pieces, 4.5 cm high



HO TT N **25114** ***Orange Trees***
3 pieces, 4 cm high



HO TT N **25115** ***Lemon Trees***
3 pieces, 4 cm high

G 1 0 HO TT N Z



HO TT **25120** ***Birch Trees***
3 pieces, 8 cm and 10 cm high

N Z **25520** ***Birch Trees***
3 pieces, 4.5 cm high



N Z **25525** ***Poplars***
3 pieces, 5.5 cm high



HO TT **25130** ***Weeping Willows***
3 pieces, 8 cm high



HO TT **25150** ***Sycamore Trees***
3 pieces, 9 cm high



HO TT **25170** ***Beech Trees***
2 pieces, 13 cm high

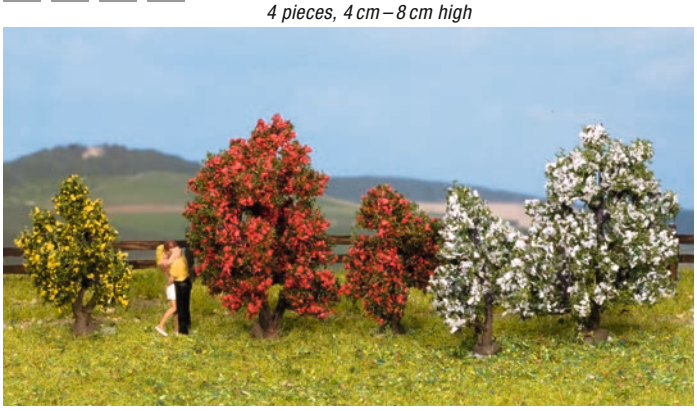


HO TT **25232** ***Fir Trees***
4 pieces, 8 cm – 12 cm high

HO TT N Z **25432** ***Fir Trees***
4 pieces, 4 cm – 8 cm high



HO TT **25410** ***Bushes***
green, 5 pieces, 3 cm – 4 cm high



HO TT **25420** ***Bushes***
in blossom, 5 pieces, 3 cm – 4 cm high

Classic Trees Economy Sets

The Classic Series is where the NOCH Trees range began. With the economy sets, we have now implemented an idea that combines two advantages. Firstly, you benefit from a unique price-performance ratio, because the trees are cheaper in the economy sets than in the 3-pack, for example. Secondly, you send a clear signal about climate change by purchasing the economy set: for every 100 model trees sold, a real tree is planted by the organisation 'Plant-for-the-Planet' on our behalf.





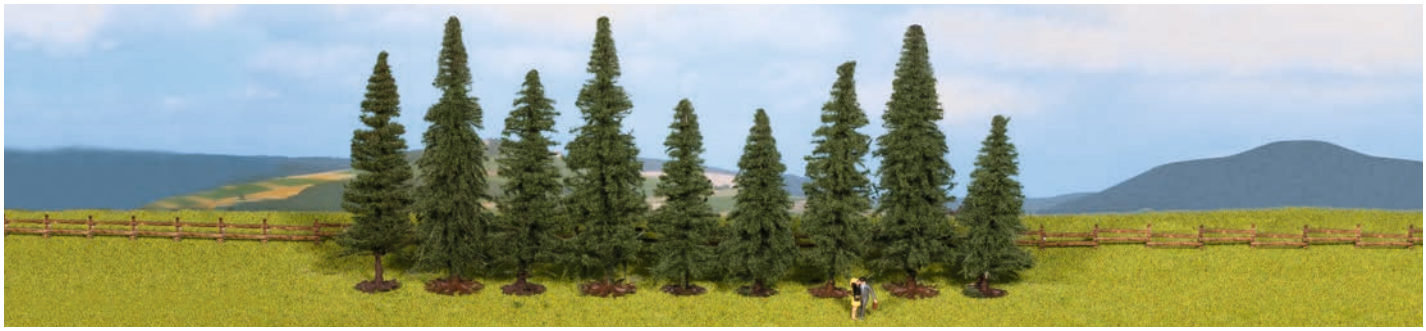
HO TT N Z **25070** ***Autumn Trees***
7 pieces, approx. 8 cm – 10 cm high



HO TT N Z **25075** ***Winter Trees***
7 pieces, approx. 8 cm - 10 cm high



HO TT N Z **25087** ***Snowy Fir Trees***
7 pieces, approx. 8 cm - 12 cm high



HO TT N Z **25086** ***Fir Trees***
9 pieces, approx. 8 cm - 12 cm high



HO TT N Z **25088** ***Deciduous Trees***
7 pieces, approx. 8 cm high

G 1 0 HO TT N Z

Info Tip:
Plant-for-the-Planet

STOP TALKING START PLANTING

'Plant-for-the-Planet' is a school initiative that helps children around the world to appreciate the importance of trees for our climate. The organisation trains children to be climate ambassadors. As well as celebrities and other companies, NOCH has also taken on sponsorship of a climate ambassador. In addition, we donate a real tree to the organisation with every 100 model trees that are sold from this range! This is how NOCH takes responsibility for the environment and climate. You can support us by buying these products and not just planting trees in your model landscape.

PLANT FOR THE PLANET
Trees for Climate Justice

'Stop talking – start planting!' Thanks to your help, we have already been able to plant over 7,330 trees with the 'Plant-for-the-Planet' campaign. Further information can be found online at: www.plant-for-the-planet.org





HO TT N Z **25090** ***Fruit Trees***
green, 7 pieces, approx. 8 cm high



HO TT N Z **25092** ***Fruit Trees***
in blossom, 7 pieces, approx. 8 cm high



HO TT N Z **25096** ***Birch Trees***
7 pieces, approx. 10 cm high



HO TT N Z **25098** ***Poplars***
7 pieces, approx. 12 cm high



Thanks to the sizing scale on the packaging, you can easily see how tall the respective tree will be in your gauge.



O HO TT N **25880** ***Lime Tree***
18.5 cm high



O HO TT N **25895** ***Horse Chestnut Tree***
19 cm high



O HO TT N **25860** ***Oak Tree***
15 cm high

G 1 O HO TT N Z



Classic Tree Assortments

The NOCH Classic Series is the most popular tree series in the NOCH range. The pretty trees are available individually packed, in a practical self-service box. NOCH offers an assortment of deciduous trees and a mixed assortment of deciduous and coniferous trees. Each assortment contains 100 trees.

H0 TT 25950 Deciduous Trees

Contents:

- 50 Deciduous Trees, 8 cm high
- 50 Deciduous Trees, 10 cm high

H0 TT 25952 Deciduous- and Conifer Trees

Contents:

- 25 Deciduous Trees, 8 cm high
- 25 Deciduous Trees, 10 cm high
- 25 Fir Trees, 10 cm high
- 25 Fir Trees, 12 cm high



Plum Tree, *green, 8 cm high*



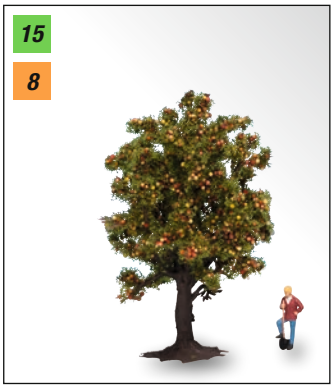
Fruit Tree, *green, 8 cm high*



Fruit Tree, *white blossom, 8 cm high*



Fruit Tree, *pink blossom, 8 cm high*



Apple Tree, *8 cm high*



Birch Tree, *10 cm high*



Weeping Willow Tree, *8 cm high*



Poplar Tree, *12 cm high*





Sycamore Tree, *9 cm high*



Model Fir Tree, *8 cm high*



Model Fir Tree, *10 cm high*

Great Quality at an Attractive Price!

Standard Trees

When it comes to 'reforesting' large spaces with attractive trees, Standard Trees ought to be the number one choice. The plastic Deciduous Tree sprues are hand-painted and flocked with specially developed, realistic flock. The Firs are decorated with a special, realistic-looking needle flock.







H0 **TT** **24600** ***Deciduous Trees***
8 pieces, 10 cm – 14 cm high

H0 **TT** **24601** ***Deciduous Trees***
16 pieces, 10 cm – 14 cm high

0 **H0** **TT** **24602** ***Deciduous Trees***
6 pieces, 14 cm – 18 cm high

H0 **TT** **N** **Z** **24603** ***Deciduous Trees***
16 pieces, 4 cm – 10 cm high



H0 **TT** **24620** ***Mixed Forest***
8 pieces, 10 cm – 14 cm high

H0 **TT** **24621** ***Mixed Forest***
16 pieces, 10 cm – 14 cm high

0 **H0** **TT** **24622** ***Mixed Forest***
6 pieces, 14 cm – 18 cm high

H0 **TT** **N** **Z** **24623** ***Mixed Forest***
16 pieces, 4 cm – 10 cm high



HO TT **24640** ***Fir Trees***
8 pieces, 10 cm – 14 cm high

HO TT **24641** ***Fir Trees***
16 pieces, 10 cm – 14 cm high

O HO TT **24642** ***Fir Trees***
6 pieces, 14 cm – 18 cm high

HO TT N Z **24643** ***Fir Trees***
16 pieces, 4 cm – 10 cm high



Standard Trees Assortments

The attractive and reasonably-priced Standard Trees are also available in a self-service box.

HO TT N **25963** ***Deciduous Trees***
Contents:
- *50 Trees, 8 cm high*
- *50 Trees, 10 cm high*

HO TT N **25964** ***Deciduous Trees and Conifers***
Contents:
- *25 Deciduous Trees, 8 cm high*
- *25 Deciduous Trees, 10 cm high*
- *25 Fir Trees, 10 cm high*
- *25 Fir Trees, 12 cm high*









Budget Trees for Great Forests!

Hobby Trees

Best value!

The popular range of NOCH Hobby Trees offers attractive trees at an affordable price. The large packs with up to 50 trees are perfect for realistically foresting dioramas and layouts.



Deciduous Trees

Pack and Economy Pack with 10 or 25 beautifully flocked trees of different heights.
- *In various shades of green and in different shapes*
- *With realistic tree trunks*

Deciduous Trees				
Ref.	**Description**	**Height in cm**	**Qty.**	**Gauge**
26801	Deciduous Trees	5 – 9	25	H0, TT
26901	Deciduous Trees	5 – 9	10	H0, TT
32801	Deciduous Trees	3.5 – 5	25	N, Z
32901	Deciduous Trees	3.5 – 5	10	N, Z



Spring Trees

Pack and Economy Pack with 10 or 25 beautifully flocked trees of different heights.
- *In various rich spring colours*
- *With realistic tree trunks*

Spring Trees				
Ref.	**Description**	**Height in cm**	**Qty.**	**Gauge**
26806	Spring Trees	5 – 9	25	H0, TT
26906	Spring Trees	5 – 9	10	H0, TT

G 1 0 H0 TT N Z



Mixed Forest				
Ref.	**Description**	**Height in cm**	**Qty.**	**Gauge**
26811	Mixed Forest	5 – 14	25	H0, TT
26911	Mixed Forest	5 – 14	10	H0, TT
32811	Mixed Forest	3.5 – 9	25	N, Z
32911	Mixed Forest	3.5 – 9	10	N, Z

Mixed Forest

Pack and Economy Pack with 10 or 25 beautifully flocked trees of different heights.

- *Set of 25 contains 10 deciduous trees and 15 model fir trees*
- *Set of 10 contains 4 deciduous trees and 6 model fir trees*
- *With realistic tree trunks or root bases*



Model Fir Trees and Fir Trees with Planting Pin				
Ref.	**Description**	**Height in cm**	**Qty.**	**Gauge**
26820	Model Fir Trees	5 – 14	25	H0, TT
26821	Model Fir Trees	5 – 14	50	H0, TT
26822	Model Fir Trees, extra high	16 – 19	10	H0, TT
26920	Model Fir Trees	5 – 14	10	H0, TT
32820	Model Fir Trees	3.5 – 9	25	N, Z
32920	Model Fir Trees	3.5 – 9	10	N, Z
26830	Fir Trees with Planting Pin	5 – 14	25	H0, TT
26831	Fir Trees with Planting Pin	5 – 14	50	H0, TT
26930	Fir Trees with Planting Pin	5 – 14	10	H0, TT
32830	Fir Trees with Planting Pin	3.5 – 9	25	N, Z

Model Fir Trees & Fir Trees with Planting Pin

Pack and Economy Pack with 10, 25 or 50 beautifully flocked trees of different heights.

- *In various sizes and shapes*
- *Extra high Model Fir Trees available*
- *With realistic, irregularly cut branch tips*
- *Model Fir Trees with realistic root bases*
- *Fir Trees including planting pin and without root bases*





Model Spruce Trees

Pack and Economy Pack with 10, 25 or 50 beautifully flocked trees of different heights.

- *In various sizes and shapes*
- *Extra high model spruce trees available*
- *With realistic, irregularly cut branch tips*
- *True-to-life: light green branch tips*
- *With realistic root bases*



Model Spruce Trees				
Ref.	**Description**	**Height in cm**	**Qty.**	**Gauge**
26825	Model Spruce Trees	5 – 14	25	H0, TT
26826	Model Spruce Trees	5 – 14	50	H0, TT
26827	Model Spruce Trees, extra high	16 – 19	10	H0, TT
26925	Model Spruce Trees	5 – 14	10	H0, TT
32825	Model Spruce Trees	3.5 – 9	25	N, Z
32925	Model Spruce Trees	3.5 – 9	10	N, Z



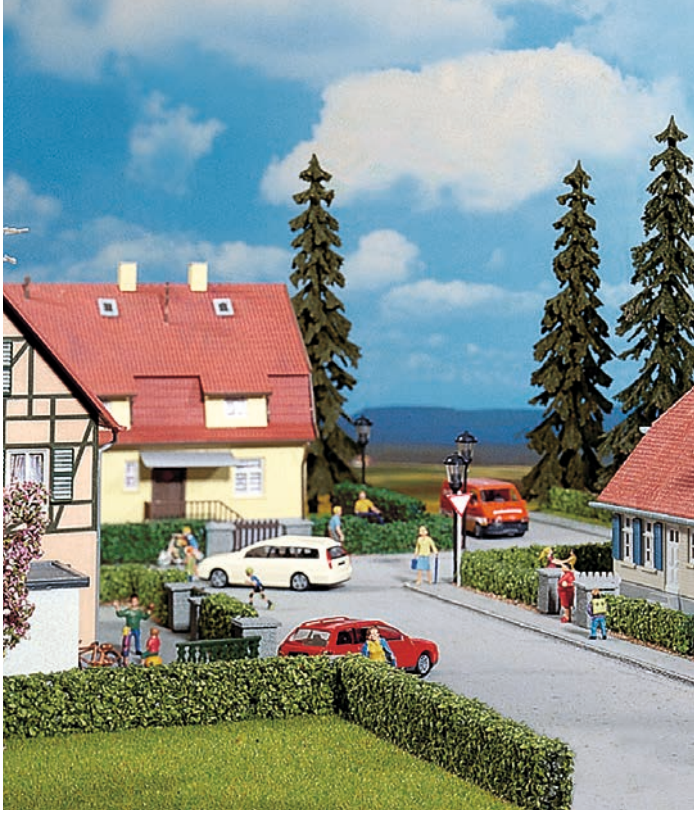
Snowy Fir Trees

Pack and Economy Pack with 10 or 25 beautifully snow-covered trees of different heights.

- *In various sizes and shapes*
- *With realistic, irregularly cut branch tips*
- *Coloured wintery white*
- *With realistic root bases*

Snowy Fir Trees				
Ref.	**Description**	**Height in cm**	**Qty.**	**Gauge**
26828	Snowy Fir Trees	5 – 14	25	H0, TT
26928	Snowy Fir Trees	5 – 14	10	H0, TT
32828	Snowy Fir Trees	3.5 – 9	25	N, Z

Note: *if your model railway winter is only meant to last a few months (like in real life), sieve some NOCH Powdery Snow (ref. 08750) evenly over your landscape. Since NOCH Powdery Snow is made of a special water-repellent material, it does not clump or stick – and it can be easily removed again with a hoover (see 'Winter' chapter starting on page 218).*



Model Hedges

In both rural and urban settings, hedges play a key role in shaping the street scene – in the real world and in the model world.
That's why we offer an assortment of realistic Model Hedges with high-grade flocked NOCH Leaf Foliage.
Every pack contains two hedges with a length of 50 cm (total length 100 cm). You can use both sizes (1.5 cm x 0.8 cm and 1 cm x 0.6 cm) for each gauge (H0, TT and N) – depending on the desired hedge height in proportion to the surroundings.
To illustrate these proportions, the hedges below are shown alongside a couple in love in H0, TT an N gauge.







H0 TT N **21512** ***Model Hedges***
green, 2 pieces
1.5 cm x 0.8 cm
each 50 cm long

H0 TT N **21522** ***Model Hedges***
green, 2 pieces
1 cm x 0.6 cm
each 50 cm long





H0 TT N **21514** ***Model Hedges***
dark green, 2 pieces
1.5 cm x 0.8 cm
each 50 cm long

H0 TT N **21524** ***Model Hedges***
dark green, 2 pieces
1 cm x 0.6 cm
each 50 cm long

Tall Hedges for Beautiful Parks

Castle and city parks can be beautifully designed with tall hedges. The hedges are flexible, allowing you to create curved hedges. The flocking gives the hedges a true-to-the-original look.

The pack contains two hedges, each 50 cm long (total length 100 cm) and is available in two shades of green.





0 H0 TT **21518** ***Hedges, tall***
green, 2 pieces,
4 cm x 1 cm, each 50 cm long





0 H0 TT **21520** ***Hedges, tall***
dark green, 2 pieces,
4 cm x 1 cm, each 50 cm long



A Green Christmas? Not with Us!

When the first flakes of snow dance through the air towards the end of the year, it is not only children's eyes that light up... Winters have to be white – that just goes with the territory in our neck of the woods. Many model railway fans do not want to forgo ice crystals and snowflakes on their layouts and devote themselves to long evenings of lovingly designing a winter landscape. To make your landscape look as natural as possible, NOCH offers a wide range of products specifically catered to this cold, white season. Guaranteed to warm your heart!

G 1 0 HO TT N Z



Winter

Build a Winter Landscape – from page 222
• For temporary and permanent winter layouts

Winter Trees – from page 223
• Snowy woods and illuminated Christmas trees

• Winter Figures – from page 228
• Large assortment of winter figures and scenes
• Popular gift idea: Figures Advent Calendars

Christmas Market Stalls – from page 230
• High-quality Laser-Cut Kits

Decorative Advent Calendar – from page 232
• Little crafting joy for every day of Advent

The Model Railway in a Briefcase – from page 233
• Lovingly decorated and hand-painted Briefcase Layouts made of high-grade NOCH hard foam in an aluminium case

Make the Perfect Winter Landscape!

Perfect Set 'Winter Landscape'

Building winter landscapes is becoming increasingly popular. Nevertheless, there is often some reticence among hobbyists because 'winter' is a new theme for many of them. But what initially looks complicated is easy when you have the right materials to hand. And these very materials can be found in the Perfect Set 'Winter Landscape'. From designing the snowy landscape with white 'snowflakes' to modelling snowy surfaces and snow mounds, to designing icy surfaces and icicles, you'll find all the items you need to build a perfect winter landscape in the set. The Perfect Set includes a detailed instruction video on DVD. So your project is guaranteed to succeed!



60815 ***Perfect Set 'Winter Landscape'***

Contents: 50 g Snow Glue
25 g Snowflakes and Puffer Bottle (ref. 07065)
Snow Paste, 250 g (ref. 08752)
Ice Crystals, 30 ml (ref. 08754)
Icicles, 30 ml (ref. 08756)



Start Set Snowflakes: *this set makes designing a wintery landscape a success. The Snowflakes are electrostatically flocked with the Puffer Bottle. The result: a shimmering, silky white, snowy surface.*



Snow Paste: *this multi-purpose material is an all-rounder in the designing of winter landscapes. From snow-coated rooftops and trees, to snow mounds and snowdrifts, to snowmen, almost any wintery landscape can be created with Snow Paste.*



Ice Crystals: *the Ice Crystals paste conjures up a beautiful, crystal-clear, glittering icy surface on almost every surface. The versatile paste is applied directly onto model water, model roads or the window panes of model houses and vehicles.*



Icicles: *the Icicles mixture is applied straight from the tube onto model roofs, bridges, projections, walls, etc. The mixture dries crystal clear after 2 to 3 hours.*

Craft Tip:
Perfect Set 'Winter Landscape'



The Snow Paste contained in the Perfect Set is great for creating snow mounds and snowdrifts on the ground.



With the Snow Glue, the Puffer Bottle and the Snowflakes, a fluffy covering of snow can be created on it.



The Icicles can be applied to exposed sites (e.g. roofs, projections and bridges) straight from the tube.



A real winter wonderland! Designs turn out very convincing with the NOCH Perfect Set.

Build a Winter Landscape

Start Set Snowflakes

In the Start Set Snowflakes, you'll find everything you need to make a quick start in designing a winter landscape: 50 g of Snow Glue, a Puffer Bottle and 25 g of Snowflakes. Application is super easy: first, the area to be covered with snow is pasted with snow glue. Then, half fill the puffer bottle with snowflakes. By shaking the puffer bottle, the 1 mm long snowflakes are electrostatically charged and then 'blown' onto the snow glue by pressing down on the puffer bottle. This creates a magical, velvety soft blanket of snow that looks like freshly fallen powdered snow.



07065 ***Start Set Snowflakes***
Puffer Bottle, 50 g Snow Glue
25 g Snowflakes



Snowflakes

The innovative NOCH Snowflakes are special fibres with a length of only 1 mm, with which you can conjure up fascinating winter landscapes at the drop of a hat.
The area to be covered with snow is first pasted with Snow Glue (ref. 61138). The Snowflakes are then applied with NOCH Gras-Master 4.0 (ref. 60120) or the Puffer Bottle (ref. 08100).
As if by magic, a glistening velvety blanket of snow appears, which looks like freshly fallen powdered snow.
The resulting winter idyll can be detailed with NOCH Snow Paste (ref. 08752). If there is no Snow Glue to hand, the Grass Glue (refs. 61130 or 61131) can also be used. However, the landscape to be covered with snow should first be primed in white.
Note: *for a snowy landscape of one square metre, approx. 75 g of Snowflakes and 500 g of Snow or Grass Glue are required.*



08760 ***Snowflakes***
75 g

Snow Glue

Snow Glue is perfect for applying NOCH Snowflakes. It dries white, eliminating the need to prime the substrate before applying snow.



61138 ***Snow Glue***
250 g

Craft Tip:
Electrostatic application of snowflakes

The short 1 mm snowflakes can be electrostatically applied with the Gras-Master 4.0 (ref. 60120) or the Puffer Bottle (ref. 08100).

As a result, they stand upright on the areas already coated with snow glue and thus give the impression of freshly fallen snow.



The surface is pasted with Snow Glue.



Snowflakes are then applied with the finest sieve of Gras-Master 4.0 ...



or the NOCH Puffer Bottle.

Create Your Own Winter Wonderland!

Snow Paste

Snow Paste enchants objects and landscapes into a true winter wonderland. The shimmering silky paste is applied with a spatula or paintbrush and dries after only 2 to 3 hours. The Snow Paste can even be modelled by hand, to reproduce snow mounds or snowdrifts or snowmen, for instance. If the paste is diluted with water, it can be ideally applied to trees and bushes. In order to cover the roofs of houses or very smooth surfaces with snow, we recommend that a thin layer of NOCH Snow Glue (ref. 61138) be applied first.

The Snow Paste is used after the Snow Glue has dried. The combination of NOCH Snow Paste and NOCH Snowflakes transforms your model into a fairytale winter landscape. Try it out!

Easy to apply!



08752 ***Snow Paste***
250 g





Winter Set

The NOCH Winter Set contains everything necessary for building a wintery landscape. The shimmering silky Snow Paste can easily be applied with a spatula or paintbrush onto the landscape, roofs of houses, trees and vehicles. It even lends itself to modelling by hand; for example, for creating a snowman or heaps of snow.
Ice sheets on lakes or on roads can be portrayed with NOCH Ice Crystals. This can be applied with a spatula or bristle brush and moulded to the desired thickness.
To make the winter landscape perfect right down to the details, roof overhangs can be decorated with NOCH Icicles. These can be attached to the model directly from the tube: simply hold it underneath and squeeze out the milky substance while simultaneously pulling the tube away. In this way, you can control the length and thickness of the icicles.
The icicles dry crystal clear and hard (see page 225).



08758 ***Winter Set***
120 g Snow Paste, 10 ml Ice Crystals
10 ml Icicles, 1 spatula

Craft Tip:
Create wintery landscapes with the NOCH Winter Set



The Snow Paste is applied with a spatula or paintbrush onto the landscape.



The Ice Crystals provide frozen waters for wintery effects.



Icicles can be applied to roofs straight from the tube.

Play with Jack Frost!

Ice Crystals

Freezing at room temperature? Not a problem with NOCH Ice Crystals! It can be applied to a frozen lake or pond, roads or windows, straight from the tube and then worked on with a paintbrush.
The Ice Crystals harden after about 2 to 3 hours. The result is a beautiful, crystal-clear, glittering icy surface.



The Ice Crystals are squeezed out of the practical tube and spread around with a fine paintbrush.



08754 ***Ice Crystals***
30 ml



G 1 0 HO TT N Z



Icicles

You can design stylish and unique icicles (e.g. on roofs, projections or bridges) at the drop of a hat with NOCH Icicles.
The Icicles mixture is applied onto the surface to be decorated straight from the tube and hardens crystal-clear after 2 to 3 hours.
Modelling is very simple: hold the tube underneath a gutter, for example; then gently squeeze while simultaneously pulling the tube downwards. This allows you to customise your icicles to the thickness and length of your liking. Particularly impressive shapes arise when the tube is also rotated in a spiral during this process.



08756 ***Icicles***
30 ml



The Icicles tube is placed directly on the roof overhang ...



and gently squeeze out the contents of the tube while pulling it down.



The resulting icicles dry out crystal-clear after a couple of hours.



Powdery Snow

You can create a fascinating winter landscape on your model railway layout with NOCH Powdery Snow. How it completely changes the atmosphere of your model landscape will be sure to inspire you!
An advantage of the Powdery Snow is that you can design an excellent temporary winter atmosphere. The special white, glittering powder is water-repellent and can be removed from your layout with a hoover, leaving no residue.
If you'd like your model landscape to be permanently snowy, use NOCH Spray & Fix Adhesive (ref. 61152).



08750 ***Powdery Snow***
glittering, white powder for reproducing winter landscapes, for sprinkling
200 g package



Winter Trees

Illuminated Christmas Trees

The Christmas Tree is the star of any Christmas celebration. Whether it's a small tree in the living room or a large tree in the middle of the market square at a Christmas market, the Christmas spirit is awakened as soon as the lights come on. The NOCH Christmas Trees are equipped with white LEDs, which radiate pleasantly warm light, similar to a string of fairy lights with lightbulbs.

By the way: the gauges that we give to the trees are only recommendations. You can also use the small tree for 0 gauge or set up the large one on a city square in N gauge. Let your imagination run wild!
The connection is made to the light output of a standard 16 V model railway transformer. Suitable for AC or DC power supply.



HO TT N Z

22110 ***Iluminated Christmas Tree***
snowy, with 10 LEDs, 5 cm high

0 HO TT N

22120 ***Iluminated Christmas Tree***
snowy, with 20 LEDs, 8 cm high

0 HO TT

22130 ***Iluminated Christmas Tree***
snowy, with 30 LEDs, 12 cm high



HO TT N Z

22111 ***Illuminated Christmas Tree***
green, with 10 LEDs, 5 cm high

0 HO TT N

22121 ***Illuminated Christmas Tree***
green, with 20 LEDs, 8 cm high

0 HO TT

22131 ***Illuminated Christmas Tree***
green, with 30 LEDs, 12 cm high

G 1 0 HO TT N Z



Snowy Fir Trees				
Ref.	**Description**	**Height in cm**	**Qty.**	**Gauge**
26828	Snowy Fir Trees	5 – 14	25	H0, TT
26928	Snowy Fir Trees	5 – 14	10	H0, TT
32828	Snowy Fir Trees	3.5 – 9	25	N, Z

Snowy Fir Trees

Pack and Economy Pack with 10 or 25 beautifully snowy trees of different heights.
- *In different sizes and shapes*
- *With realistic, irregularly cut branch tips*
- *Coloured wintery white*
- *With realistic roots*



Classic Winter Trees

With the Classic Winter Trees, you can design enchanting winter wonderlands and snowy forests on amazing dioramas.





HO TT N Z **25075** ***Winter Trees***
7 pieces, approx. 8 cm - 10 cm high



HO TT N Z **25087** ***Snowy Fir Trees***
7 pieces, approx. 8 cm - 12 cm high

PROFI Tree Structures

Many passionate modellers have expressed a desire for the NOCH range to include large trees without leaf foliage.
The possible uses of these Tree Structures are very diverse. On the one hand, you can make your own beautiful model trees out of the 'naked' trees. On the other hand, they are also the ideal template for splendid winter trees (see craft tip on page 194).





HO TT N
22010 ***Tree Structure 'Beech Tree'***
13 cm high





0 HO TT N
22020 ***Tree Structure 'Lime Tree'***
18.5 cm high

Winter Figures

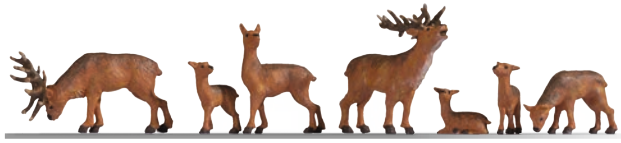


HO **15523** *People in the Rain*



HO **15616** *Chopping Wood*

N **36616** *Chopping Wood*



HO **15732** *Deer*

TT **45732** *Deer*

N **36732** *Deer*



HO **15819** *Children in Snow*

TT **45819** *Children in Snow*

N **36819** *Children in Snow*



HO **15823** *Ski Tourers*



HO **15821** *Chrildren in the Snow*

TT **45821** *Chrildren in the Snow*

N **36821** *Chrildren in the Snow*



HO **15824** *Ice Skaters*

N **36824** *Ice Skaters*



HO **15826** *Snowboarders*



HO **15827** *Skiers*



HO **15828** *Skiers*

N **36828** *Skiers*



HO **15829** *Skiers*



HO **15920** *Santa Claus and Angels*



H0 **15923** ***St Nicholas' Evening***



H0 **15924** ***Santa Claus with Sleigh***



H0 **15926** ***Christmas Market***

N **36926** ***Christmas Market***



H0 **15927** ***Selling Christmas Trees***

N **36927** ***Selling Christmas Trees***



H0 **15928** ***Winter Work***



H0 **15929** ***Santa Claus & Knecht Ruprecht***



H0 **15930** ***Family Meier in Wintertime***

H0 **14836** ***Winter Accessories***

Contents: 2 bobsleighs, 2 wooden sledges, 2 snowmen, 1 snow blower, 1 snow shovel, small, 1 snow shovel, large, 1 snow pusher, 1 snowboard, 1 ski stand with skis



H0 **16220** ***Themed Figures Set 'Winter's Day'***

Contents: 6 Figures, 2 Bobsleighs 2 Wooden Sledges, 2 Snowmen, 1 Snow Blower, 1 Snow Shovel (Small), 1 Snow Shovel (Large), 1 Sleigh Shovel, 1 Snowboard, 1 Ski Stand with Skis



H0 **16291** ***Themed Figures Set 'Christmas'***

Contents: 2 men with gifts, 1 Father Christmas, 1 woman in an armchair, 1 child on a wooden horse, 1 dog with elk antlers, 1 pile of gifts, 1 sleigh with gifts



Laser-Cut Kit 'Christmas Market Stalls'

The Small Buildings Set 'Christmas Market Stalls' is perfectly suited to giving NOCH Figures a contemplative pre-Christmas season. Here, mulled wine can be drunk, biscuits eaten and Christmas tree decorations bought. The kit comprises three typical laser-cut stalls, which bring atmosphere to any winter scene. Includes instructions and special adhesive.



HO **66412** ***Christmas Market Stalls***
3 Laser-Cut Buildings Kits
3.8 cm x 2.7 cm, 3.4 cm high

Combined Set 'At the Christmas Market'

The Combined Set 'At the Christmas Market', consisting of a Christmas Market Stall and a Fairy Light Chain of 10 cm in length and with 10 light diodes, perfectly sets the stage for your Christmas market and ensures the eyes of big and small children glow. The laser-cut kit is designed in the usual high-quality. The fairy lights are equipped with LEDs and integrated resistors and can be connected directly to a model railway transformer (16 V AC or DC).



HO **65610** ***Combined Set 'At the Christmas Market'***
1 Laser-Cut Building Kit 'Christmas Market Stall'
3.8 cm x 2.7 cm, 3.4 cm high
1 Fairy Light Chain, 10 cm long

Scenery Set 'Christmas Manger'

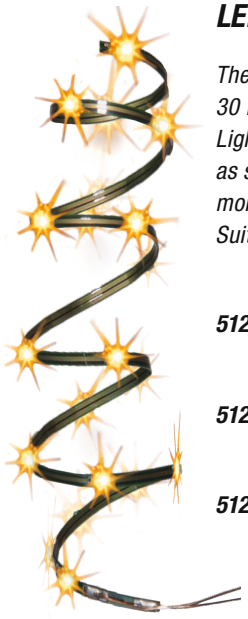




11 cm x 6 cm, 5 cm high

The depiction of Holy Night with baby Jesus, Mary, Joseph and accompanying animals is probably one of the oldest ever modelling subjects. The Scenery Set is not just suitable for railway modellers, however. With the enclosed accessories, the Manger is also ideal for hobbyists and diorama builders.

HO **65620** ***Scenery Set 'Christmas Manger'***
Laser-Cut Kit 'Christmas Manger', 11 cm x 6 cm, 5 cm high
'Manger Figures' (ref. 15922, 11 figures)
Scatter Material brown, 42 g (ref. 08440)
20 Grass Tufts, green
Mini Grass Mats, green, 28 cm x 22 cm



LED Fairy Lights

The LED Fairy Lights are available with 10, 20 and 30 LEDs. One LED is placed per centimetre. The Fairy Lights are suitable as lantern garlands for festivities, as stall lighting at a Christmas market, and much more! Connect to a 16 V model railway transformer. Suitable for AC and DC.

51240 ***Fairy Lights with 10 LEDs***
Contents: string of lights with 10 LEDs, length 10 cm, length of connecting cable 15 cm

51244 ***Fairy Lights with 20 LEDs***
Contents: string of lights with 20 LEDs, length 20 cm, length of connecting cable 15 cm

51248 ***Fairy Lights with 30 LEDs***
Contents: string of lights with 30 LEDs, length 30 cm, length of connecting cable 15 cm

Illuminated Pumpkins

To set the right mood, not just for Halloween! Those who like to carve pumpkins, watch horror films, play 'trick or treat' and invite zombies and vampires to their costume party will get their money's worth with the five Illuminated Pumpkins. Connect to a 16 V model railway transformer. Suitable for AC and DC.



HO **51210** ***Pumpkins, illuminated***
Contents: 5 pieces, handpainted each with 1 LED

On the Christmas Market

All items shown on this page are Laser-Cut Kits

LASER CUT® minis



Real wood!



H0 **14391** ***Christmas Market Entry Arch***
7.6 cm x 1 cm, ca. 7.9 cm high
The richly decorated entry arch made of real wood comes with labels in German, English, French, Spanish and Dutch.

N **14681** ***Christmas Market Entry Arch***
4.3 cm x 0.6 cm, 4.5 cm high
The richly decorated entry arch made of real wood comes with labels in German, English, French, Spanish and Dutch.



H0 **14394** ***Christmas Market Manger with Figures in Wood Look***
7.5 cm x 3.5 cm, 3.5 cm high, incl. 8 figures



H0 **14392** ***Christmas Market Stall***
8 cm x 5 cm, 3.5 cm high

N **14682** ***Christmas Market Stall***
4.5 cm x 3 cm, 2 cm high





H0 **14393** ***Mulled Wine Stall***
5 cm x 5 cm, 4 cm high

N **14683** ***Mulled Wine Stall***
3 cm x 3 cm, 2.5 cm high







H0 **14395** ***Christmas Market Pyramid***
4.5 cm x 4.5 cm, 9 cm high



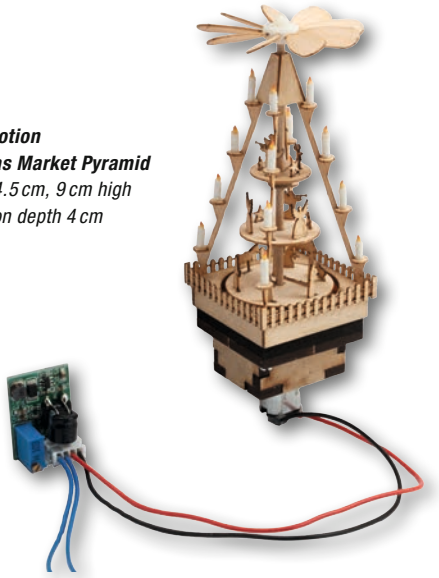
On the next page, you will find the pyramid as a micro-motion model with moving parts

There's Some Extra Movement in Your Christmas Festivities!



Christmas market pyramids are becoming increasingly popular. With the NOCH Laser-Cut Wooden Kit, you can add another highlight to your model railway Christmas market. The pyramid rotates at a realistic speed. Both the impeller as well as the figures and decorations arranged in three storeys rotate. The candles are produced as 3D-printed parts.

The included electronics are connected to a 16 V model railway transformer and are suitable for AC and DC power connection. Suitable adhesive and detailed assembly instructions are included.



H0 **66413** ***micro-motion Christmas Market Pyramid***
4.5 cm x 4.5 cm, 9 cm high
installation depth 4 cm

'Every Year Again'

Figures Advent Calendars for H0, TT, N and Z Gauges

Our Figures Advent Calendars have a long tradition. For many years, railway modellers and diorama builders have been looking forward to a small model figure every day in the time of Advent. The figures in the calendars for H0, TT and N gauges are hand-painted. The figures in the Z gauge calendar are 3D Master Figures, meaning they are 3D colour-printed.
A Figures Advent Calendar is the ideal gift for any model railway enthusiast.
You can find the latest Advent Calendar at your specialist retailer and online at www.noch.com.

Note: *To ensure that you can use the figures on your model railway layout, the Figures Advent Calendars do not contain any Winter or Christmas figures.*

The new Figures Advent Calendars will be released in September 2026



H0 ***Figures Advent Calendar***
Contents: 24 hand-painted figures

TT ***Figures Advent Calendar***
Contents: 24 hand-painted figures

N ***Figures Advent Calendar***
Contents: 24 hand-painted figures

Z ***Figures Advent Calendar***
Contents: 24 3D Master Figures + Accessories

G 1 0 H0 TT N Z

Briefcase Layouts and Christmas Layout

You will find some very special winter models in the large NOCH range. Thanks to the model railways in the briefcase, you can take your layout safely packed and fully functional with you when travelling.

Decorate your living room festively with the fascinating Z gauge Christmas Layout.
Detailed information on these items can be found from page 418 onwards in this catalogue.



Briefcase Layout 'St Anton' Z Gauge

- *57.5 cm x 43 cm, 16 cm high*
- *with illuminated buildings and illuminated Christmas tree*
- *ready-to-use, pre-mounted with Märklin® mini-club tracks*
- *supplied without locomotives and carriages*
- *see page 425*

Z **88318** ***Briefcase Layout 'St. Anton'***
with Märklin® mini-club tracks



Briefcase Layout 'Wolkenstein' Z Gauge

- *80 cm x 55 cm, 18.5 cm high*
- *with illuminated buildings and illuminated Christmas tree*
- *ready-to-use, pre-mounted with Märklin® mini-club tracks*
- *supplied without locomotives and carriages*
- *see page 423*

Z **88325** ***Briefcase Layout 'Wolkenstein'***
with Märklin® mini-club tracks



Briefcase Layout 'Oberstdorf' N Gauge

- *79.5 cm x 54.5 cm, 16 cm high*
- *with illuminated buildings and illuminated Christmas tree*
- *ready-to-use, pre-mounted with Minitrix® tracks*
- *supplied without locomotives and carriages*
- *see page 421*

N **88415** ***Briefcase Layout 'Oberstdorf'***
with Minitrix® tracks



'Winter Magic' Christmas Layout Z Gauge

- *35 cm x 35 cm, 15 cm high*
- *with illuminated buildings and illuminated Christmas tree*
- *ready-to-use, pre-mounted with Märklin® mini-club tracks*
- *supplied without locomotives and carriages*
- *see page 427*

Z **88063** ***'Winter Magic' Christmas Layout***
with Märklin® mini-club tracks



Laser-Cut – the Future of Model Buildings!

Laser-cut production technology enables us to create highly realistic models. Many laser-cut kits are also supplemented with matching 3D-printed objects, as can be clearly seen in the picture above.

The advantages of NOCH Laser-Cut Buildings:

- *Made from high-grade NOCH Laser-Cut cardboard*
- *Laser-engraved and partially painted and weathered by hand – a new quality standard*
- *Appropriate adhesive included in every kit (except Laser-Cut minis)*
- *Environmentally-friendly production: the laser cardboard used by NOCH is manufactured from renewable raw materials, while lasers employ the required energy with utmost efficiency and precision*

G 1 0 HO TT N Z



Buildings

Railway, Industry, Trade – from page 236
• *Entire theme worlds can be realised with station buildings and special commercial buildings.*

Platforms – from page 239
• *For designing realistic platforms.*

City, Countryside, Village – from page 246
• *Small villages and rural themes can be integrated perfectly into your model landscape.*

Palace – from page 268
• *Model highlight 'Palace Linderhof'*

Lighting and interior design – from page 272
• *The icing on the cake for even more realistic model scenes*

Small Buildings, Laser-Cut minis – from page 278
• *There's always room for Laser-Cut minis in every model landscape.*

Z Gauge Buildings – from page 290
A lovely selection for the smallest gauge

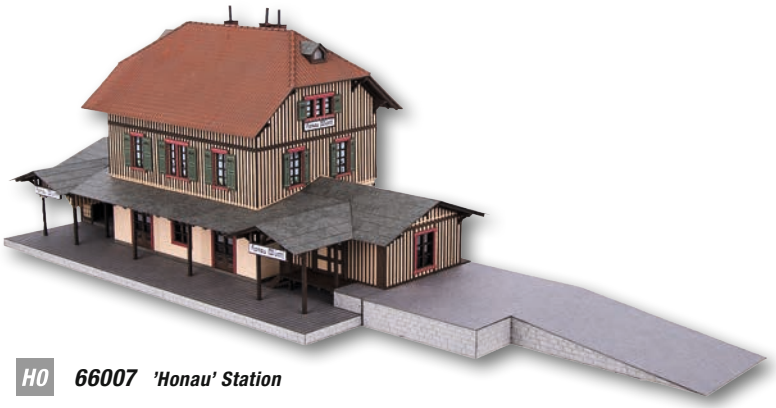
Structured Hard Foam Castles, Castle Ruins and Buildings – from page 292
• *Romantic castles and fascinating ruins.*
• *Cursed buildings and abandoned places.*



’On the Swabian Railway!’

Laser-Cut Kit ’Honau’ Station

The ’Echazbahn’ leads from Reutlingen to Münsingen in Swabia and was completed in 1893. It was the first normal gauge branch line to be opened in the state of Württemberg and simultaneously the last railway project to be given its own name.
’Honau’ Station stood at a central point: here, Germany’s steepest normal-gauge rack railway with an incline of 100‰ began on its way to Lichtenstein. Mainly, BR 97.5 locomotives were employed. After the Second World War, the route again played an important role in transporting goods until its closure in 1953. Since it was entirely within the French-occupied section of Württemberg, military cargo could be transported along the route to the military training area in Münsingen without having to drive through the American sector. Because of the enormous incline, goods trains, in those days pulled by BR 50, BR 52, BR 57.10 and rarely also BR 93.5 locomotives, had a BR 97.5 rack locomotive coupled to the end that helped push the train.
The ’Honau’ reception building, with its two annexes, is architecturally remarkable: the entire station was built in the Swiss chalet style and served as a prototype for the type III and later IIIa Württemberg unit railway station.
The beautiful partial hip roof construction, as well as many of the lovely details on the beams, wood panelling and ledges, were exclusively reserved for ’Honau’ station and for financial reasons were not implemented in the unit structures later.
After the route was closed in the mid-1950s, the building fell into disrepair until Honau Railway Station Supporters’ Association (Förderverein Bahnhof Honau e.V.) volunteered to take it on in 2003. Since then, a lot has happened, and the building now shines in all its ’former glory’.



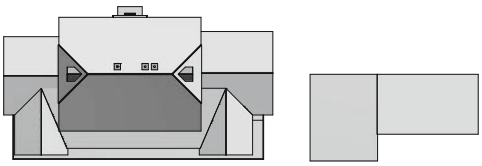
HO **66007** ***’Honau’ Station***

G 1 0 HO TT N Z





Just like the original: the Laser-Cut Kit is modelled on the real thing down to the smallest detail.



Building
28 cm x 16 cm, 15 cm high

Loading ramp
17.5 cm x 9 cm, 1.5 cm high

***Note:** the kit consists of the main building and a separate loading ramp.*

Info Tip:
Honau Railway Station Supporters' Association

The members of Honau Railway Station Supporters' Association (Förderverein Bahnhof Honau e.V.) have been working as volunteers to rebuild and maintain the original station building since the Association was founded in 2003. Over time, the 'ruin' has turned into an event location where parties, Christmas markets and many other events take place today.

We would like to express particular thanks to the Association for their help in realising this model, which is why we have donated part of the proceeds to the maintenance of the original.

Further information (in German) on the Association can be found at:
www.bahnhof-honau.de



2018: Model meets original. Handover of the donation cheque.

In cooperation with

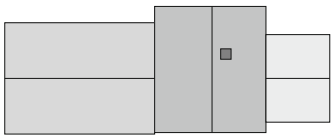
TOPP® MODELL



Laser-Cut Kit Train Stop 'Amtzell'

This wonderful little station is equipped with lots of lovely details. In addition to the main building, the model depicts a small baggage area and goods office as well as a covered waiting area.





HO Gauge: 21.9 cm x 8.6 cm, 8 cm high
N Gauge: 11.9 cm x 4.7 cm, 4.4 cm high

HO ***66001*** ***'Amtzell' Train Stop***

N ***63001*** ***'Amtzell' Train Stop***

Note: *all Laser-Cut Kits on this double page come with detailed instructions and suitable adhesive.*

Laser-Cut Kit Platform Roof

The width of the Platform Roof is perfectly matched to the NOCH Laser-Cut Universal Platforms (refs. 66008 and 66010). Detailed assembly instructions and suitable adhesive are included in the kit.







HO ***66011*** ***Platform Roof***
Suitable for 66008 and 66010

Wide: 27 cm x 8.6 cm, 5.7 cm high
Narrow: 27 cm x 4.1 cm, 5.6 cm high

G 1 0 HO TT N Z



Laser-Cut Kit Universal Platform

Until now, railway modellers were tied to the prefabricated widths and lengths of the available platforms, and altering plastic platforms required a lot of practice. This is much easier with the NOCH Universal Platform. It is made of special laser-cut cardboard, which combines two main features: firstly, it is very stable; secondly, the cardboard can simply be shaped with a craft knife or scissors.

Due to the wide base plate, platforms can also be adapted to the radius of the curve. In order to offer railway modellers with a larger track system a budget economy pack, there is also a set of 3 from NOCH. With the three enclosed Universal Platforms, longer and more varied platforms can be individually created.



H0 **66008** ***Universal Platform***
27.1 cm x 8.3 cm, 1.1 cm high



H0 **66010** ***Universal Platform, 3 pieces set***
each 27.1 cm x 8.3 cm, 1.1 cm high

N **63010** ***Universal Platform, 3 pieces set***
each 14.8 cm x 4.5 cm, 0.6 cm high



Place track on the component and transfer contour ...



assemble the individually customised components ...



then install the finished platform in the layout.

Laser-Cut Kit Station 'Bergün'

The Albula Railway, which connects Thusis with St Moritz in Switzerland, is internationally known and loved far beyond Switzerland's borders. The route, which is over 60 kilometres long, crosses 144 bridges and passes through 42 tunnels and galleries. The divine mountain panorama goes a step further to make the narrow-gauge route one of the most spectacular in the world. The route was declared a UNESCO World Heritage Site in 2008.

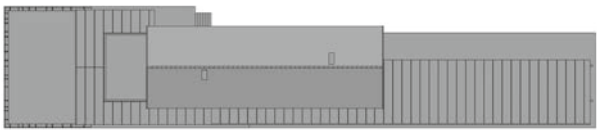
Bergün station is at the entrance to one of the most exciting parts of the route in the direction of Filisur. Today, the building houses the Albula Railway Museum.

The Laser-Cut Model Kit is lasered from high-quality cardboard and supplemented by 3D printed parts. As well as instructions for assembly, suitable adhesive is included.



The photo shows the prototype in Bergün.

Gauge H0:
62 cm x 12.6 cm, 9 cm high
Gauge N:
33.7 cm x 7 cm, 5 cm high





H0 ***66005 'Bergün' Station***

N ***63005 'Bergün' Station***

G 1 0 H0 TT N Z





The photo shows the prototype in Bergün.

Laser-Cut Kit 'Bergün' Locomotive Shed

In real life, the Bergün two-stall engine shed is located directly at the station of the same name. There is space for two locomotives in the shed. The model gates can be shown open or closed.

The Laser-Cut Model Kit is lasered from high-quality cardboard and supplemented by 3D printed parts. As well as instructions for assembly, suitable adhesive is included.



13.9 cm x 8.4 cm, 6.6 cm high





N ***63025 'Bergün' Locomotive Shed***

Laser-Cut Kit 'Nidderau' Signal Tower

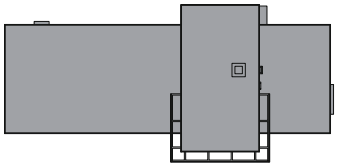
The prototype for this modern functional building is the signal tower in Nidderau, Hesse. The kit features fine engravings and a realistic appearance. 3D-printed air conditioning units are included to round off the contemporary look of the model. Ideal for modern layouts or as a striking eye-catcher along the track. Detailed assembly instructions and suitable adhesive are included in the kit.





Gauge H0:
22.1 cm x 10.5 cm, 12.5 cm high

Gauge N:
12.2 cm x 5.9 cm, 6.8 cm high



H0 ***66109*** ***Signal Tower 'Nidderau'***

N ***63029*** ***Signal Tower 'Nidderau'***

Laser-Cut Kit Tool Shed

No railway depot is complete without a tool shed, but it also looks good in any company yard or as a small repair workshop in commercial and mixed-use areas. The Laser-Cut Kit comes with assembly instructions and suitable adhesive.



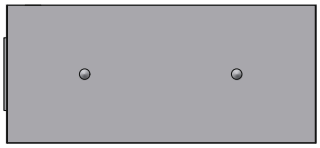




10.5 cm x 5.7 cm, 4.9 cm high

H0 ***66111*** ***Tool Shed***





Gauge HO:
23.6 cm x 10.4 cm, 8.8 cm high

Gauge N:
12.7 cm x 5.7 cm, 5 cm high

Laser-Cut Kit Engine Shed 'Herdorf'

LASER CUT

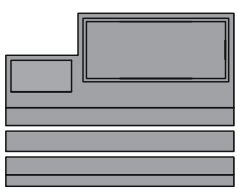
This Engine Shed has enough space for a larger locomotive, e.g. a diesel locomotive such as the V200. The highlight is the large industrial windows, through which you can see your favourite locomotive in the shed. If you want more, you can create a small scene inside with figures and interior furnishings or use NOCH micro-rooms LEDs (e.g. ref. 51270) to illuminate the interior. Detailed assembly instructions and suitable adhesive are included in the kit.



H0 **66203** **Engine Shed 'Herdorf'**

N **63023** **Engine Shed 'Herdorf'**



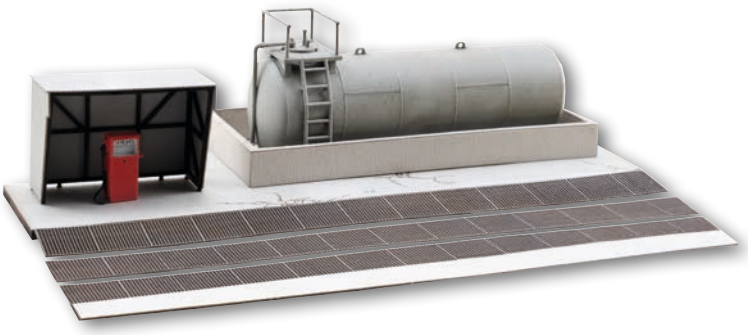


16.6 cm x 12 cm, 3.3 cm high

Laser-Cut Kit Diesel Filling Station

3D

The model consists of a realistically painted and aged tank with a fuel pump. The small hut with matching roof, the base plate with drip tray and the three delicate step grids for the track are designed as laser-cut kits. This allows you to create a detailed scene that will enrich any layout with a real eye-catcher. Detailed assembly instructions and matching adhesive are included in the kit.



H0 **66259** **Diesel Filling Station**

Accessories for the Design of Railway Stations and Signal Towers

Laser-Cut minis

Delicate, versatile and incredibly realistic – NOCH Laser-Cut minis add a special touch to any model railway. Whether platform edges, track scales or garden sheds on the railway embankment – these highlights create lifelike scenes in miniature format … just like the real thing!



HO **14294** ***Platform Edges***
8.5 cm x 0.2 cm
1.1 cm high



HO **14295** ***Railway Weighbridge***
8.8 cm x 7.7 cm
3.3 cm high



HO **14296** ***Railway Loading Gauge***
7.2 cm x 1 cm
6.6 cm high



HO **14297** ***Step Grid, yellow***
28.5 cm x 1.4 cm

N **14697** ***Step Grid, yellow***
15.5 cm x 0.8 cm



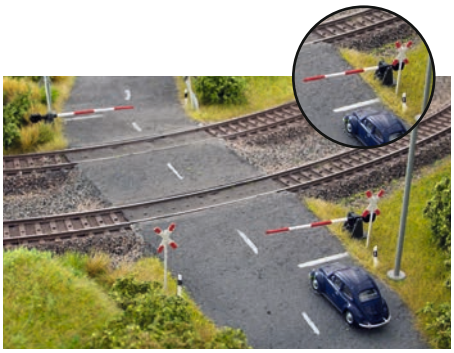
HO **14298** ***Step Grid, grey***
28.5 cm x 1.4 cm

N **14698** ***Step Grid, grey***
15.5 cm x 0.8 cm



HO **14299** ***Railway Sleepers***
3 cm x 0.3 cm
0.2 cm high

N **14699** ***Railway Sleepers***
1.5 cm x 0.2 cm
0.1 cm high



HO **14307** ***Railway Gates with St Andrew's Crosses***
2 Gates, each 6 cm long
4 St Andrew's crosses



HO **14312** ***Underpass***
4.6 cm x 2.8 cm, 3 cm high
2.7 cm mounting depth

N **14612** ***Underpass***
2.5 cm x 1.5 cm, 1.4 cm high
1.6 cm mounting depth





HO **14314** ***Transformer Stations***
2 pieces
2.6 cm x 2.6 cm, 2.8 cm high
3.8 cm x 2.8 cm, 3 cm high

Note: *You can find more Laser-Cut minis on the theme of railway stations and signal towers from page 278 onwards in this catalogue.*

Precision from the 3D Printer

3D minis

The delicate NOCH 3D minis impress with their precise details and realistic shapes. Whether boundary markers, turnout drives or train preheating systems – state-of-the-art 3D printing and hand painting create faithful-to-the-original highlights on your model railway layout.



HO **13607** **Boundary Mark**
10 pieces



HO **13608** **Track Switching Device**
12 pieces in total
4 per design



HO **13609** **Electric Turnout Drive**
5 pieces

N **13909** **Electric Turnout Drive**
5 pieces



HO **13610** **Control Lever with signal lantern, Lever left**
5 pieces

N **13910** **Control Lever with signal lantern, Lever left**
5 pieces



HO **13611** **Control Lever with signal lantern, Lever right**
5 pieces

N **13911** **Control Lever with signal lantern, Lever right**
5 pieces



HO **13612** **Train Preheating System**
Control column, predetermined breaking points, blind socket stand

N **13912** **Train Preheating System**
Control column, predetermined breaking points, blind socket stand



HO **13619** **Air Conditioning Systems**
6 pieces in total,
2 per design



HO **13602** **Buffer Stop**
2 pieces
2.9 cm x 2.8 cm, 2.1 cm high

N **13902** **Buffer Stop**
2 pieces
1.6 cm x 1.3 cm, 1.2 cm high



HO **13603** **Indusi Track Magnet**
10 pieces
1.0 cm x 0.4 cm, 0.4 cm high



HO **13604** **Wheel Stop**
10 pieces
0.7 cm x 0.3 cm, 0.5 cm high

N **13904** **Wheel Stop**
10 pieces
0.4 cm x 0.2 cm, 0.3 cm high



HO **13605** **Intercom Set**
5 pieces – wall mounting
0.2 cm x 0.2 cm, 1.0 cm high
5 pieces – with stand
0.2 cm x 0.2 cm, 1.9 cm high

N **13905** **Intercom Set**
5 pieces – wall mounting
0.1 cm x 0.1 cm, 0.5 cm high
5 pieces – with stand
0.1 cm x 0.1 cm, 1.1 cm high



HO **13606** **Wheel Blocks Set**
2 pieces wheel block stands with wheel blocks
8 single wheel blocks
1.4 cm x 0.4 cm, 1.5 cm high



Over 100 Years of 'Contemporary Building and Living'

Made in Germany

Laser-Cut Kit Bauhaus Show Home 'Haus am Horn'

LASER CUT

The 'Haus am Horn' was planned in 1923 on the occasion of the first Bauhaus Exhibition in Weimar and was built in just a few months. The design by Bauhaus master Georg Muche was revolutionary. The latest building materials and findings from research and teaching at the Weimar school were consistently used in construction. It is the first and only piece of architecture that the Bauhaus school realised in Weimar.

With the 'Haus am Horn', various Bauhaus workshops illustrated how they imagined contemporary living. All rooms are positioned around the inner central living space, which is provided with daylight via a skylight. One special feature of the floor plan is the clear allocation of the rooms according to their actual functions. Instead of a large kitchen-cum-living-room, for example, the kitchen was only intended to be used for preparing food whereas the dining room was only for eating. The house had several smaller but clearly structured rooms that were complemented by the latest technology, such as central heating in the basement and gas-powered water heaters in the bathroom and kitchen. Modern household appliances such as a gas cooker, vacuum cleaner and coffee machine aimed to lighten a housewife's workload to give her more time for intellectual activities. The lack of additional rooms for domestic staff is therefore also consistent: a family of three or four had to look after itself.

The 'Haus am Horn' show home thus reflects the concept of a changed social reality. It is therefore unsurprising that the building caused controversy amongst the press and critics when the exhibition opened. The architectural office of Walter Gropius, founder and first director of Bauhaus, took over the work to be performed. Marcel Breuer, a student of Bauhaus in Weimar who was then largely unknown, designed his first pieces of furniture for the interior spaces, including a dressing table for the lady of the house – his journeyman's piece.

Beyond the turmoil of the 1930s and 1940s, the 'Haus am Horn' continues to polarise people to this day. For proponents of Bauhaus and its design principles, its simplicity and functionality make it an elegant and timeless building that foresaw social developments and pointed out architectural solutions over 100 years ago: a true icon of architecture that was declared a UNESCO World Heritage Site in 1996.

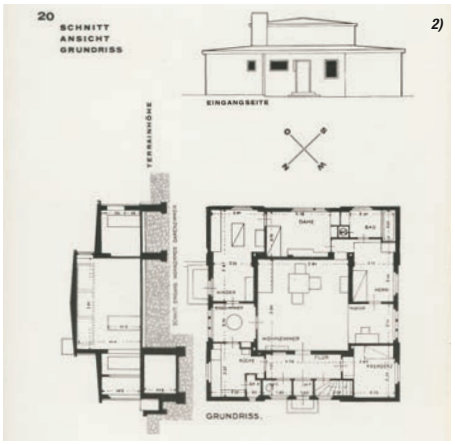
The NOCH Laser-Cut Kit has been realised in the exact architectural scale of 1:100 and is therefore ideal for use in H0 gauge. The kit is precisely laser-cut from card. No unnecessary plastic is used in the packaging. Instructions and the appropriate adhesive are included.





NOCH … Just like the original! The prototype for the laser-cut kit is located in Weimar.



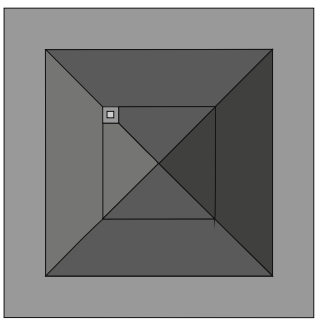






The central roof can be removed, affording a view of the interior layout, which is also faithfully reproduced.

H0 ***66680 Bauhaus Show Home 'Haus am Horn'***



17.7 cm x 17.7 cm, 6.8 cm high

bauhaus-archiv gmbh

The model was developed together with the Bauhaus Archive in Berlin and shows the status of the building during the Bauhaus Exhibition of 1923. The Bauhaus emblem guarantees that it's an official Bauhaus model.

Info Tip:
If you would like to find out more about the 'Haus am Horn' and its history or even visit the original building, we recommend the websites of the Klassik Stiftung Weimar www.klassik-stiftung.de/haus-am-horn and Bauhaus Archive / Museum for Design www.bauhaus.de (in German only)

1) Photo: Bauhaus Archive Berlin, © for Muche: Bauhaus Archive Berlin; Berlin State Image Office: Brandenburg State Office for Monument Preservation; Breuer: unknown. 2) Photo: Bauhaus Archive Berlin, © Bauhaus Archive Berlin
3) Photo: Klassik Stiftung Weimar, © Thomas Müller



Laser-Cut Kit

Mountain Restaurant 'Grosser Mythen'

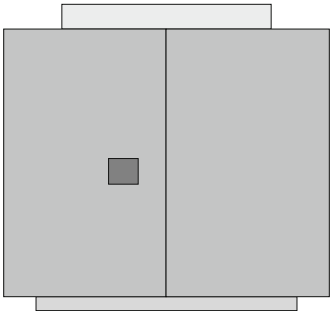
LASER CUT

The 'Grosser Mythen' is a 1,898 metre-high mountain in the foothills of the Swiss Alps. Hikers who take the trouble to climb the mountain will be rewarded with a breathtaking panorama, which they can enjoy during a short break at the Mountain Restaurant. The model of the 'Grosser Mythen' Mountain Restaurant is modelled on the original and furnished with filigree laser engraving. A sheet of stickers of various country flags is also included in the kit.



Just like the original: the Laser-Cut Kit is modelled on the real thing down to the smallest detail.







2016: Model meets original

HO **65800** ***Mountain Restaurant 'Grosser Mythen'***

N **63800** ***Mountain Restaurant 'Grosser Mythen'***

H0 gauge:
11.5 cm x 10.8 cm
7.8 cm high

N gauge:
6.3 cm x 5.9 cm
4.3 cm high

Note: *all Laser-Cut Kits on this double page come with detailed instructions and suitable adhesive.*



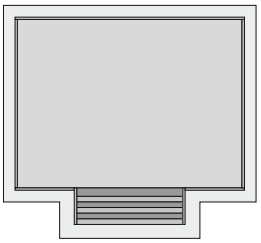
Laser-Cut Kit Event Stage with micro-sound Brass Band

LASER CUT

It's all dancing, singing and celebrating here: the small wooden stage is the focus of every village or city festival! The Band plays an excerpt of approx. 20 seconds from Strauss 'Radetzky March', which is reproduced via a small loudspeaker built into the model. The piece of music is stored on the electronic chip. The complete electronics, including loudspeaker, are ready to be connected. The connection is made via a standard 16 V model railway transformer. Suitable for AC and DC power connection. Includes 'Music Band' Figures Set (ref. 15580).







9 cm x 8.3 cm, 2.6 cm high



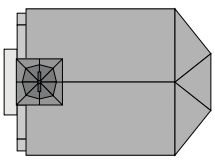
H0 **66826** ***Event Stage with micro-sound Brass Band***



Laser-Cut Kit Chapel 'St John of Nepomuk'

LASER CUT

The small yet stylishly detailed 'St John of Nepomuk' Chapel still finds a place for itself anywhere: whether in a small village or on the edge of a hiking trail in the mountains.
This beautiful little church always cuts a fine figure!



H0 gauge: 6.4 cm x 4.5 cm
9.6 cm high (without cross)

N gauge: 3.5 cm x 2.5 cm
5.3 cm high (without cross)



H0 ***66903 Chapel 'St John of Nepomuk'***

N ***63903 Chapel 'St John of Nepomuk'***

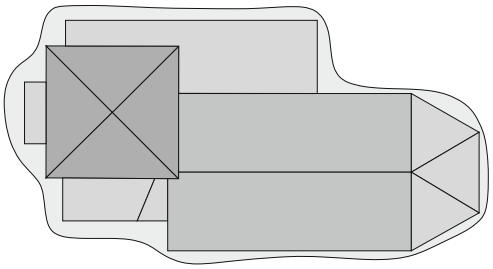
G 1 0 H0 TT N Z





Laser-Cut Kit Church 'St George' with micro-sound Bell Ringing

The beautiful 'St George' Church is characterised by its playful architecture, beautiful timber frame, and lovingly-made details. The model is purposely designed to be small in size as a village church or an isolated building in a rural setting. The bell ringing is stored on the electronic chip (running time approx. 20 seconds). The whole sound electronic device, including a loudspeaker, is ready to be connected. Connection is made via a standard 16 V model railway transformer.
Suitable for AC and DC power connection.



H0 gauge:
16.4 cm x 8.8 cm
25.2 cm high
(without cross)

N gauge:
9 cm x 4.8 cm
13.7 cm high
(without cross)

H0 ***66906*** ***Church 'St George'***
with micro-sound Bell Ringing

N ***63906*** ***Church 'St George'***
with micro-sound Bell Ringing



City Fountain (Finished Model)

Fountains can be found in virtually every village and market square and create a unique atmosphere. Whether it's a village fête, a market or gastronomy, village life mostly revolves around the central fountain.
The City Fountain for H0 gauge is a particularly attractive object. The fountain has a footprint of 10 cm x 10 cm and is 7.5 cm high including the statue.
The statue on the fountain represents a Valkyrie and is 3.5 cm high. Valkyries originate from Norse mythology and can often be found as statues or fountain figures.
The fountain itself is made of the well-known NOCH Structured Hard Foam. The statue is created using a 3D printing process. Both the fountain and the Valkyrie are elaborately handcoloured.



H0 **66455** ***City Fountain***
10 cm wide, 10 cm deep, overall 7.5 cm high (height of Valkyrie 3.5 cm)

Craft Tip:
How water gets into the fountain

If you want to make your model even more realistic, you can bring the fountain to life with 'water' by using NOCH 2K Water Gel (ref. 60870) and NOCH Aqua Effects (ref. 60872).

Ideal 'carriers' for splashing water can be cut out of a transparent sheet (e.g. plastic packing material).



Glue the thin strips in the water outlets.



Then pour NOCH 2K Water Gel into the basin of the fountain.



Once hardened, NOCH Aqua Effects is dabbed onto the surface and the strips.



The final details are added with NOCH Foam & Spume (ref. 60862).



Milchpilz (Finished Model)

The Milchpilz (lit. milk mushroom, a kiosk selling milk in the shape of a fly agaric mushroom) was conceived in the 1950s as an original kiosk by Wangen businessman Anton Waldner and built by his company, Waldner. Around 50 of these white spotted mascots were sold all over the world, with some of them still in use today; for instance, in Wangen, Lindau and Regensburg in Germany and Bregenz in Austria.

The Milk Mushroom was making a great comeback at the State Garden Show 2024 in Wangen im Allgäu: the architectural icon can be admired in several places within the garden show grounds.

The little 'Milk Mushroom' is a true-to-scale finished model for H0 gauge that was produced using injection moulding techniques. In the large NOCH range, you'll find lots of matching figures and accessories for designing a beautiful model scene.



© Photo Waldner Unternehmensgruppe





H0 **66460** ***Milchpilz***
Base Area: 4 cm x 4 cm
Roof Diameter: 6 cm x 6 cm
Height: 5 cm

WALDNER
Waldner Unternehmensgruppe
Manufacturer of the original 'Milk Mushroom'



'In vino veritas' – In Wine there is Truth

Laser-Cut Kit Winery 'Hauser-Bühler'

LASER CUT

The 'ideal world' in a model: what is more suiting than a winery? The grapes ripen in a prime location on the vines; the winegrower carefully controls them and knows each variety. This produces high-quality wine. Completely natural and 'organic' – without any additives. The end of the workday can be spent in the wine bar. Here, all is well in the world. The Vineyard consists of a main building and a servants' house. 24 Vines as well as the Figures Set 'Winegrowers' (ref. 15614, only in the H0 model ref. 66712) are included in the kit for decorating the vineyard. It also contains a detailed instruction and suitable adhesive.

Internationally awarded:
The Laser-Cut Model Winery 'Hauser-Bühler' convinced the readers of the VGB magazines MIBA, Eisenbahn Journal, Modelleisenbahner and Züge, who awarded it the 'Golden Track' in 2015.
The readers of the French magazine Le Train also awarded the 'Rail d'Or' to the H0 model in 2015 and the N model in 2016.



HO **66712** ***Winery 'Hauser-Bühler'***
Main Building with Servants' House

N **63712** ***Winery 'Hauser-Bühler'***
Main Building with Servants' House



The original is located at the Kaiserstuhl



24 Vines are included



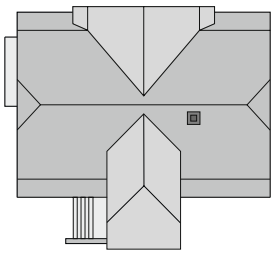
Figures Set 'Winegrowers' included (only with ref. 66712).

Info Tip:
Designing a vineyard

With NOCH vines, it's easy to create a beautiful vineyard (see page 204). Olive trees are ideal for creating a Mediterranean-style vineyard (see page 197).







H0 gauge: *14.8 cm x 13.7 cm*
13 cm high
N gauge: *8.1 cm x 7.5 cm*
7.1 cm high

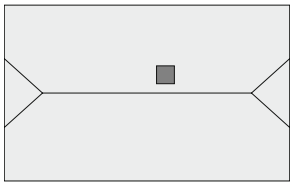
Laser-Cut Kit Main Building

The model is a reproduction of the Winery 'Hauser-Bühler' located in Bickensohl in the Kaiserstuhl region (wine-producing state of Baden-Württemberg). The main building houses processing and storerooms for the wine, as well as residential rooms and a small wine bar. The inn offers not only homemade wines but also dishes to complement them. The beautiful timber-framed building fits perfectly within rural surroundings.



Laser-Cut Kit Servants' House

Servants' houses are often found on large farms. In the old days, maids and servants would sleep in the buildings.



H0 gauge: *11.5 cm x 6.9 cm*
7.2 cm high
N gauge: *6.3 cm x 3.8 cm*
3.9 cm high



Laser-Cut Kit Tavern with Beer Garden

After a day trip with the family or a short walk along the waterfront, the inn invites the whole family to stop in. The adjoining beer garden of the half-timbered house is well filled with thirsty guests, especially on warm summer days. The model was inspired by the Wirtshaus am See in Bregenz on Lake Constance (Austria). In addition to the beautiful architecture, it is above all the romantic half-timbering that determines the appearance and makes the construction an absolute eye-catcher. The laser-cut kit comes with detailed building instructions and suitable adhesive.





We are delighted to have been awarded the ‚Golden Track' by the renowned French magazine ‚Le Train'.

HO ***66401*** ***Tavern with Beer Garden***

N ***63401*** ***Tavern with Beer Garden***

G 1 0 HO TT N Z





Suitable figures for designing the scene:



HO **16246** ***Themed Figures Set 'Restaurant'***
Contents: 5 sitting patrons and 1 dog, 1 waiter, 1 large 'chef' advertising mascot, 4 tables, 6 chairs, 1 serving trolley, 1 menu stand with menu



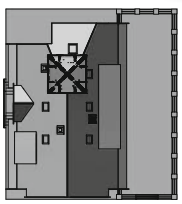
HO **14822** ***Restaurant***
Contents: 8 chairs, 5 tables and 1 A-board



HO **15838** ***Restaurant***

Note: *you'll find matching Laser-Cut minis to design your model scene on page 278.*





HO Gauge:
18.9 cm x 17.2 cm, 18.5 cm high
N Gauge:
10.3 cm x 9.4 cm, 10.1 cm high



... Just like the original! The model was inspired by the real Tavern in Bregenz at Lake Constance.

Info tip:
Incidentally, NOCH Laser-Cut Kits are particularly sustainable because they're made from renewable raw materials and the energy for lasering is used highly efficiently.



There's a Lot Happening on This Farm!

Laser-Cut Kit Farm

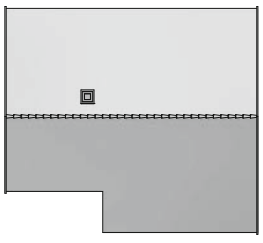
LASER CUT

Who doesn't look back fondly on the good old days as a child when every farm seemed like a huge adventure playground? The many animals, the work in the fields, big tractors and machines: all of that is as fascinating today as it was then.
Gates in an open or closed position can be represented on the farm model. The access ramp can also be left out, which reduces the footprint of the model and also allows it to be placed in smaller dioramas.
The kit is made of multicoloured laser cardboard sheets. Small accessories such as bird boxes or a crucifix complement the kit.
Wonderful details can be depicted in this way.
The Laser-Cut Kit comes with detailed instructions and suitable adhesive.





HO **66714** ***Farm***
26.6 cm x 15.6 cm
8.2 cm high



Farm
HO scale: 17.3 cm x 15.6 cm, 8.2 cm high

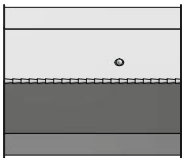


Access Ramp
HO scale: 10.6 cm x 4.2 cm, 4.2 cm high



Laser-Cut Kit Agricultural Outbuilding

As well as a large main building, farms used to have smaller outbuildings. Is this where farmhands and maids slept in former times, where animals were kept or hay was brought in? We don't know, write your own story and recreate your own good old days!
The Laser-Cut Kit comes with detailed instructions and suitable adhesive.



10.1 cm x 8.7 cm
6.5 cm high

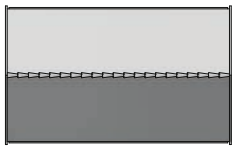


HO **66715** **Agricultural Outbuilding**



Laser-Cut Kit Shed

Sheds are found on many larger farms. Usually, they were erected close to the property boundary and used to store carriages, trailers, tractors and agricultural equipment.
The model boasts a large, double-leaf gate at the rear. Work equipment can be driven through it straight onto an adjacent field.
The Laser-Cut Kit comes with detailed instructions and suitable adhesive.



10.9 cm x 6.7 cm, 6.4 cm high



HO **66716** **Shed**



Happiness on Earth Is on the Back of a Horse!

Laser-Cut Kit micro-motion Riding Arena with Horseboxes

We bring movement to your model landscape with this pretty lunge pen.
In the riding arena, the horse is lunged in a circle by the riding instructor while the rider can concentrate fully on her interaction with the animal.
The horse is moved technically by an underfloor drive with a magnet. The speed can be adjusted using the enclosed power supply with controller. The enclosed sound module with loudspeaker provides the absolute star attraction: while the horse is being lunged, the sound of horse neighing and a hoofbeat can be heard.

A wonderful theme that brings life to rural model landscapes and not only fits perfectly with our farm ensemble!
The Laser-Cut Kit comes with detailed instructions and suitable adhesive.

On the previous two pages, you'll find other suitable buildings if you'd like to construct a whole farm ensemble.

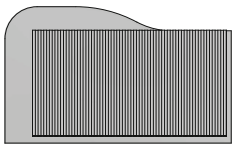




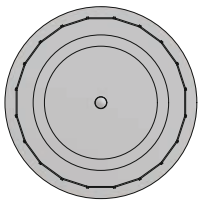
HO **66717** ***micro-motion Riding Arena with Horseboxes***

Contents:

- *micro-motion Riding Arena with 1 Horse and Rider*
- *1 Riding Instructor*
- *Sound module including connected loudspeaker with horse neighing and hoofbeat*
- *Power supply with speed control*
- *Laser-Cut Kit Horseboxes*
- *Adhesive*
- *Detailed instructions*



Horseboxes
14.1 cm x 8.5 cm, 3.8 cm high



Riding Arena
17 cm x 17 cm, 2.3 cm high

Matching Accessories (available separately):



HO **15632** ***Horse Care***



HO **13040** ***Field Fence***
13 pieces, 1.3 cm high
in total approx. 100 cm long



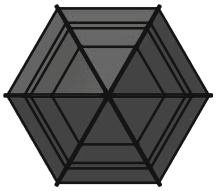
HO **15761** ***Horses***

Laser-Cut Kit Lighthouse with Light Signal

The clinker-brick lighthouse not only goes well with the sea but is also a welcome sight to skippers in every port and estuary on stormy nights. As a highlight, the NOCH Laser-Cut Kit comes with a realistic motorised light signal. As a result, the so-called beacon rotates realistically in a circle.
The electronics are ready for installation. Connect to a standard 16 V model railway transformer. Suitable for AC and DC. Instruction and suitable adhesive are included.







HO **66831** ***Lighthouse with Light Signal***

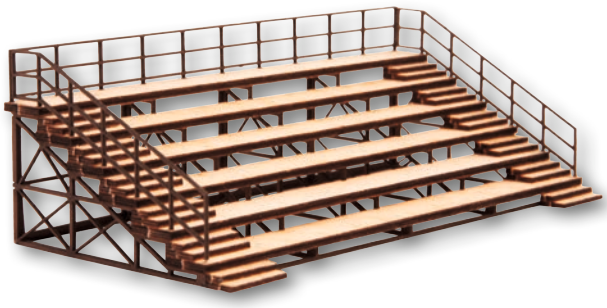
6.9 cm x 8 cm, 18.4 cm high

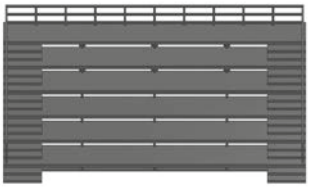
There's Plenty to See Here!

Laser-Cut Kit Stand

This small stand is the ideal addition to many model scenes. A football match in the village, a cycle race in the town or other sporting events can be attractively decorated with this grandstand. The kit comes with the suitable glue.









HO **66829** ***Stand***

13.4 cm x 6.9 cm, 4.4 cm high

Finally: The Right Tool for Every Application!

NOCH Special Tool Set, 36 pieces

With the NOCH Special Tool Set, you always have everything you need to hand for your favourite hobby with your favourite brand.
The contents of the set have been compiled by the professional modellers at NOCH and are therefore ideal for processing the various NOCH handicraft articles. The set includes cutting tools such as sharp scalpels, the matching NOCH cutting mat, a metal ruler and a fine saw. A fine side cutter for plastic, various files and abrasives, a hand drill, tweezers, small bottles for colours, brushes, a NOCH pencil and lots of accessories round off the set.
The tools are quickly stowed away in the matching tool bag and are therefore always ready to hand for the next job!



60050 ***NOCH Special Tool Set, 36 pieces***

Contents:

- *1 cutting mat 220 mm x 150 mm, 2 mm thick*
- *1 metal ruler, 150 mm*
- *1 side cutter for plastic parts*
- *3 files*
- *1 double-sided modelling tool*
- *1 fine scalpel*
- *6 blades for scalpel*
- *3 flexi sanding pads 90 mm x 19 mm, 6 mm thick*
- *1 tool handle*
- *1 scalpel blade for tool handle*
- *1 fine saw blade for tool handle*
- *1 hand drill*
- *5 drill bits (1.0, 1.2, 1.4, 1.5 and 1.8 mm)*
- *1 pair of straight tweezers*
- *1 pair of curved tweezers*
- *3 resealable vials, 10 ml*
- *3 flat brushes, 6 mm*
- *1 pencil*
- *1 tool bag with zip fastener*

Contents:



Laser-Cut Kit micro-motion Skatepark

Anyone who's anyone in the skateboarding community meets in the skatepark! The six characters included in the kit are competing in a skate battle, outdoing each other with tricks and cool jumps! Thanks to the micro-motion drive, the best female skater rides and jumps over the halfpipe model and lands safely again.
The "Skatepark" is designed as a laser-cut kit. The electronics that move the skater are ready to connect to a standard 16 V model railway transformer and are suitable for AC and DC. Six highly detailed, colour-printed figures are included in the set for decoration.
The model is limited to 1000 copies. A numbered certificate, detailed instructions and suitable adhesive are included.





HO **66834** ***micro-motion Skatepark***

Contents:
- *Laser-Cut Kit 'Skatepark'*
- *6 exclusive, colour-printed figures, one of them for use in the halfpipe*
- *micro-motion drive*
- *Numbered certificate*
- *Detailed instructions*
- *Adhesive*



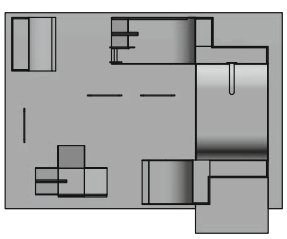
G 1 0 HO TT N Z

Video clip





Six highly detailed, coloured printed figures are included in the kit.



29.7 cm x 23.6 cm
7.3 cm high





A Shining Moment in Model Making

micro-motion Observatory

We venture a glance at the stars and present an extraordinary highlight in the form of the limited edition micro-motion Observatory. The detailed model is based on the original in Tübingen and combines technical sophistication with charming features.

At the touch of a button, the small planet projector displays the moon in all its glory on the ceiling of your model-making room. What a sight! Shortly afterwards, the striking dome is set in motion by a motor. The space telescope raises and lowers – a fascinating spectacle that brings your miniature world to life.

Another highlight are the exclusive 3D figures of great personalities from astronomy and physics: Isaac Newton, Galileo Galilei, Albert Einstein, Erwin Schrödinger, Stephen Hawking and Vera Rubin – accompanied by a lively and a dead cat, as a tongue-in-cheek homage to Schrödinger's famous thought experiment.
The kit consists of precisely laser-cut cardboard parts and 3D-printed parts. The projector and micro-motion drive are ready to connect and can be connected to a standard 16 V model railway transformer. Suitable for direct and alternating current. The model is limited to 1,000 pieces. A numbered certificate, detailed assembly and connection instructions and the suitable adhesive are included with the kit.

Highlights:

- *Planet Projector for very special effects*
- *micro-motion drive: rotating dome with movable telescope*
- *Large roof terrace as an attractive destination for excursions*
- *Exclusive 3D figures set of famous scientists*
- *Includes 'lively' and 'dead' cats as a humorous detail*
- *High-quality Laser-Cut and 3D-printed parts*
- *Limited to 1,000 pieces*
- *Numbered certificate included*

Video clip





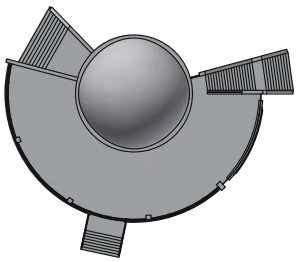


Manufactured with great attention to detail, the micro-motion Observatory is not only a technical gem, but also a small monument to the great thinkers.



From left to right: Galileo Galilei, Isaac Newton, Albert Einstein, Erwin Schrödinger, Stephen Hawking and Vera Rubin





26 cm x 20.8 cm
20.7 cm high

HO **66837** ***mirco-motion Observatory***

Contents:

- *Laser-Cut Kit Observatory*
- *Planet Projector*
- *micro-motion drive for dome and telescope*
- *6 exclusive, colour-printed figures with 2 cats*
- *Numbered certificate*
- *Detailed instructions*
- *Adhesive*

Let Yourself Be Whisked Away to the World of the ‚Fairytale King' Ludwig II of Bavaria!

Laser-Cut Kit Palace Linderhof

The Palace Linderhof, the smallest of Ludwig II of Bavaria's three castles, was built between 1869/1870 and 1886 in the municipality of Ettal in the Ammergau Alps. It is considered the favourite castle of the 'Fairytale King' and was the only one to be completed during his lifetime.

Immerse yourself in this fairytale world of kings and empresses. Create your own perfect world and escape from the dreary reality by exploring the model, just like King Ludwig II himself once did.





© Sebastian Topp, with the kind permission of the Bavarian Palace Administration.

The History of Palace Linderhof

Linderhof Castle was built on the site of a simple hunting lodge belonging to Ludwig II's father, Maximilian II. In its construction and furnishings, Linderhof reflects Ludwig II's admiration for French absolutism and Louis XIV in particular. The buildings and interiors are designed in the neo-Rococo style and depict scenes from life at the court of Versailles. The surrounding palace park, a mixture of formal baroque garden and English landscape garden, was laid out between 1874 and 1880.

From the mid-1870s, Ludwig II spent the winter months at Linderhof. It was from here that he undertook his famous night-time sleigh rides. He also returned to Linderhof in the summer to undertake mountain excursions from here. Ludwig II was able to carry out his governmental responsibilities dutifully at this time, but created a retreat for himself, particularly at Linderhof Palace, where he could feel like an absolutist king. This counter-world became a refuge from the parliamentarism and industrialization of the ‚founding era'. In Ludwig II's later years, Linderhof also reflected his alienation from reality.

After Ludwig II's death in 1886, the palace was opened to the public and attracts hundreds of thousands of visitors every year. It stands as a testament to Ludwig II's eccentric personality and his romanticised ideas of royalty and power.





Over 100 highly detailed 3D printed parts adorn the building. The statues, ornaments and decorations were all affectionately modelled in 3D on the PC. In the enlarged view you can recognise, for example, the signs of the zodiac on the globe of the atlas.

Exterior Architecture and Statues

Palace Linderhof combines elements of 18th century French pleasure palaces with Bavarian rococo motifs. The French Marly Palace and elements of Nymphenburg Palace, especially the Amalienburg, are considered to be sources of inspiration. Despite or perhaps because of these influences, it is a unique building in its overall structure. Remarkably, the palace was built mainly of wood and clad in plaster, using local resources and labour.

The façades are richly decorated with limestone and cast zinc statues. The main gable shows the emblem of the Kingdom of Bavaria, flanked by two Fama figures with a trombone and personifications of agriculture, trade, science and industry. An Atlas statue with a globe, decorated with the twelve signs of the zodiac, crowns the pediment. Overall, the programme of figures glorifies Bavaria's glory, estates, virtues and achievements in science, business and art.

In order to experience this special feature in the model, all the statues were modelled individually in three dimensions. The components are 3D-printed and primed to match the colour of the façade. None of the statues are the same; even the four atlases above the main entrance, which appear identical at first glance, differ on closer inspection, for example in the way they hold their arms and tilt their heads.



Palace Linderhof – a UNESCO World Heritage Site!

As early as 2015, the royal castles of Neuschwanstein, Linderhof, Schachen and Herrenchiemsee were included on the German tentative list for designation as UNESCO World Heritage Sites. In July 2025, Linderhof Palace was officially inscribed on the UNESCO World Heritage List.

The Figures Set

The kit comes with an exclusive figures set consisting of King Ludwig II of Bavaria, Empress Elisabeth 'Sisi', two horses, a boy, Richard Wagner and two swan statues.

It is said that King Ludwig II and 'Sisi' had a close friendship. Sisi was Ludwig II's aunt, eight years his senior, but Ludwig II called her 'cousin'. Both shared similar traits and interests. They both enjoyed horseback riding, probably together on several occasions. They were also united by their enthusiasm for art. In particular, both revered Richard Wagner.

In 1864, Ludwig II brought the heavily indebted Richard Wagner to his court. He took over his debts and supported Wagner financially. Wagner's operas 'Tannhäuser', 'Lohengrin', 'Tristan und Isolde' and 'Rheingold' were centred around mythical legends such as the medieval legend of the Grail and the Ring of the Nibelungs. Ludwig II lost himself in these mythical worlds and sought to escape from reality.

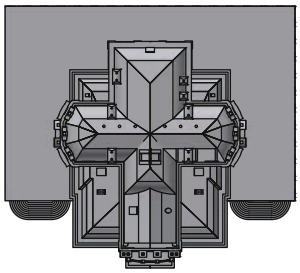
Ludwig II himself liked to identify himself with the swan knight from Lohengrin. As the swan was the heraldic animal of his ancestors, the Counts of Schwangau, and thus also gave his Neuschwanstein Castle its name, the swan became Ludwig II's trademark. Ludwig II had a Venus grotto built in Linderhof, where he also had swans herded to feed them. Statues and figures of swans adorned Ludwig II's palaces. The two miniature swan statues can be placed in front of the entrance to Linderhof Palace.

All figures in the set are 3D colour-printed and highly detailed.

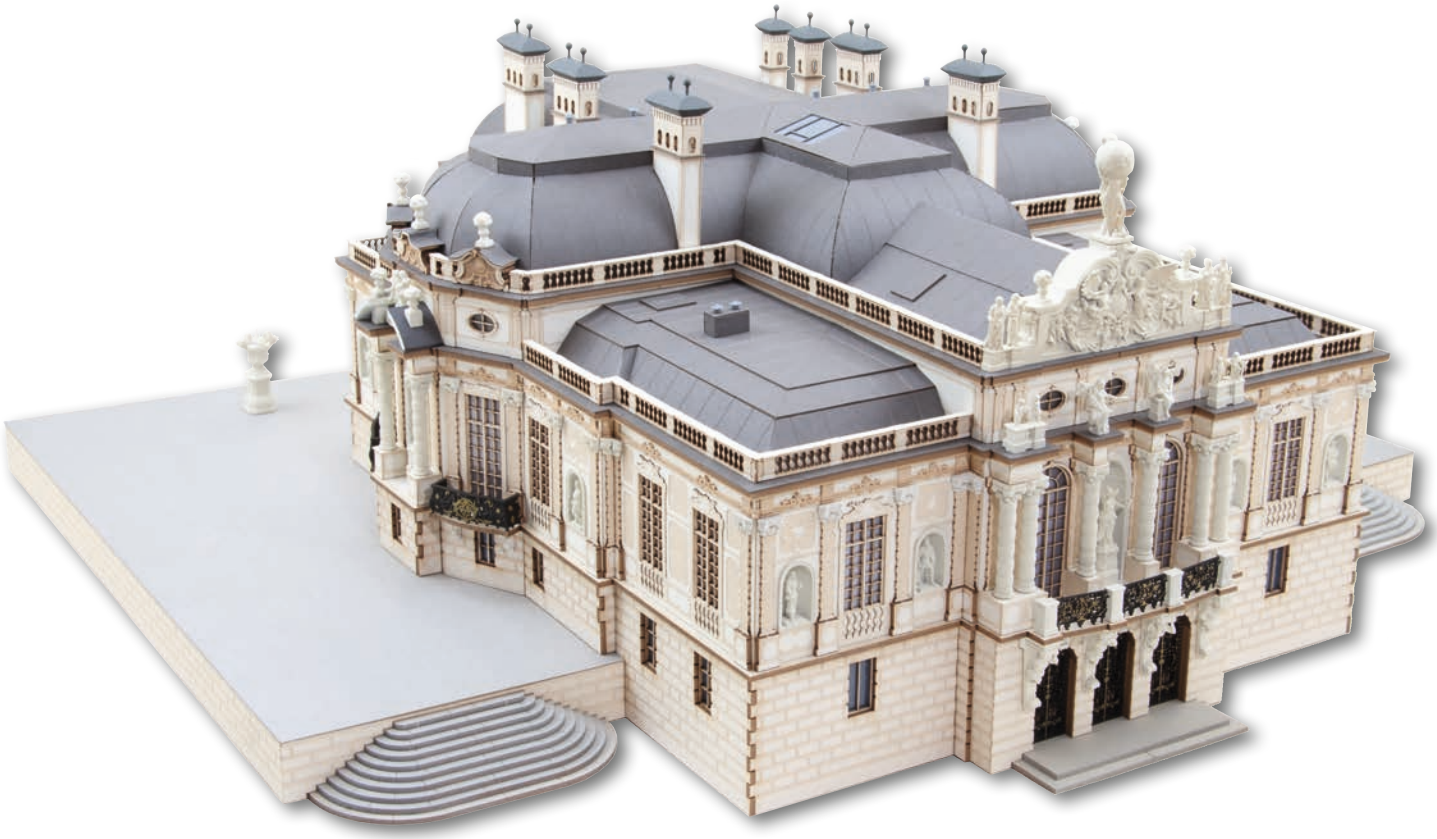
The Laser-Cut Kit Palace Linderhof on a scale of 1:87, H0

The NOCH development team spent over a year realising the Laser-Cut Kit Palace Linderhof. It consists of 1,007 laser-cut parts. These parts are cut from special laser-cut cardboard and some are engraved. The kit is supplemented by 113 individually modelled 3D printed parts of statues, ornaments and decorations. The model therefore corresponds perfectly to the original.

The scope of delivery includes the exclusive, eight-part Figures Set, consisting of the figures of King Ludwig II of Bavaria, Empress Elisabeth 'Sisi', Richard Wagner, two horses, a boy and two swan statues. The suitable adhesive and detailed building instructions are included with the model kit.



46.3 x 41.8 cm
18.3 cm high





H0 **66991** ***Palace Linderhof***

Contents:
- *Laser-Cut Kit with 3D printed parts*
- *Figures Set 'King Ludwig II of Bavaria': 8-pieces, 3D colour printed*
- *Detailed instructions*
- *Adhesive*



Illuminate your model buildings from the inside!

micro-rooms

Interior lighting for buildings has been around for a long time and is certainly nothing special. But the new NOCH micro-rooms are! In a development process that lasted almost a year, we combined our modellers' best ideas to give you great new options for designing the lighting in your model buildings.
Until now, individual light bases or neutral light boxes for individual windows were common. The NOCH micro-room System, on the other hand, is based on cardboard light rooms of different sizes, which can be decorated with the enclosed decorative sheets. Equipped with a floor, wallpaper, etc., they're ideal for decorating with NOCH furniture and figures. The LEDs are affixed at the top of the light room. Assisted by the enclosed diffuser film, light from the LED is realistically distributed throughout the room. If you want, hang up a pair of curtains and you'll have another highlight in your model world! Design lovely details with NOCH products, from everyday scenes at the kitchen table to a passionate night of lovemaking in the bedroom!
The LEDs are available in cool or warm white and in single or double versions. They can be connected to a 16 V model railway transformer and are suitable for AC and DC.
The LED circuit boards measure 0.7 cm x 1.8 cm and are thus suitable for home lighting systems and light boxes by other manufacturers such as Viessmann®.

Product Highlights:

- *single and double LEDs*
- *cool white and warm white LEDs*
- *particularly good value*
- *flicker-free & long-lasting*
- *suitable for AC and DC*
- *fit other manufacturers' lighting systems, e.g. Viessmann®*

Video-Clip



G 1 0 HO TT N Z





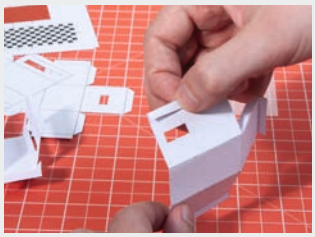
H0 **51250** ***micro-rooms LED Building Lighting Kit***
Starter Set with 4 LEDs + 8 Interiors

Contents: 4 LED lights for building interior:*
- *1 single LED, cool white; 1 x single LED, warm white*
- *1 double LED, cool white; 1 x double LED, warm white*
- *1 diffuser film, 5 cm x 5 cm sheet*
- *7 decorative sheets with doors, wallpaper, curtains and lots of decorative elements*

8 micro-rooms building interiors:*
- *2 type A: 3.5 cm x 1.5 cm, 2.8 cm deep*
- *2 type B: 3.5 cm x 3.0 cm, 2.8 cm deep*
- *2 type C: 4.6 – 8.7 cm x 1.5 cm, 2.8 cm deep*
- *2 type D: 4.6 – 8.7 cm x 3.0 cm, 2.8 cm deep*
- *1 set of detailed instructions*

**One of each LED type is included in the set to try out. Up to 4 light rooms can be equipped with these. You can also obtain other LEDs sorted by type for your individual needs from NOCH.*

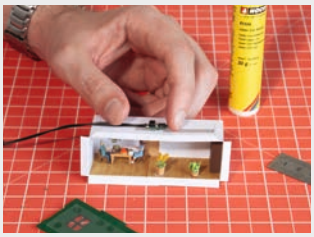
Craft Tip:
micro-rooms



The cardboard micro-rooms are folded and glued together to form a light box. NOCH Laser-Cut Adhesive (ref. 61104) is ideal for this.



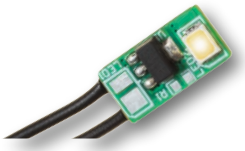
Floors, wallpaper and decorations are cut out and glued into the room. Then place NOCH figures and furniture in the lighted room.



The desired LED is affixed. Depending on your needs, cool or warm white and single or double versions are available.



The finished micro-room is glued behind the window in the wall of the building.



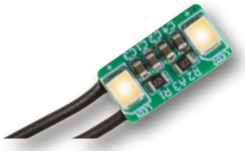
51270 ***micro-rooms Single LED cool white***
Lighting for Building Interior
4 pieces

51271 ***micro-rooms Single LED cool white***
Lighting for Building Interior
8 pieces



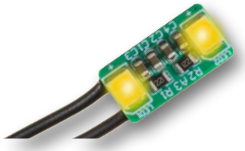
51275 ***micro-rooms Single LED warm white***
Lighting for Building Interior
4 pieces

51276 ***micro-rooms Single LED warm white***
Lighting for Building Interior
8 pieces



51280 ***micro-rooms Double LED cool white***
Lighting for Building Interior
4 pieces

51281 ***micro-rooms Double LED cool white***
Lighting for Building Interior
8 pieces



51285 ***micro-rooms Double LED warm white***
Lighting for Building Interior
4 pieces

51286 ***micro-rooms Double LED warm white***
Lighting for Building Interior
8 pieces

Now things are really coming to life!

Themed Figures Sets

Thanks to the six sets, you can design rooms in buildings to perfection and decorate them in a lively way. Use the micro-rooms lightings shown earlier to ensure the rooms are perfectly lit.

Themed Figures Set 'Dining Room'

The dining room is more than just a room for eating; it is the heartbeat of the family. Here, one gathers to exchange stories and to eat and drink together. The dining room is where people cook, play, discuss, make music and learn. The dining room is an important place for meeting and socialising.



HO **16284** ***Themed Figures Set 'Dining Room'***
Contents: 1 father, 1 mother, 2 children, 1 set table with 4 chairs, 1 shelf, 1 wall shelf, 1 chest of drawers, 1 door



Themed Figures Set 'Kitchen'

The kitchen is the beating heart of a home. It is a place of community where family members and friends come together to cook, laugh and swap stories. This is where delicious dishes are created, traditions are passed on and recipes are handed down from generation to generation.



HO **16285** ***Themed Figures Set 'Kitchen'***
Contents: 1 man, 1 woman, 1 kitchen unit with sink, cooker and cupboards, 1 fridge, 1 extractor fan, 1 rubbish bin, 1 door



Themed Figures Set 'Living Room'

The living room is the place of rest in every home. People get together to chat, watch films together or simply relax. Birthdays and other family celebrations are held in the living room, and at Christmas time the living room becomes the central place where the whole family comes together and cultivates traditions.



HO **16286** ***Themed Figures Set 'Living Room'***
Contents: 1 man in armchair, 1 couple on the sofa, 1 wall unit, 1 living room table, 1 door





Themed Figures Set 'Bedroom'

The bedroom is a personal retreat for rest and relaxation. A comfortable bed takes centre stage, complemented by wardrobes and bedside tables to keep things tidy. The individual design reflects your personal style, making the bedroom the ideal place to relax.

HO **16287** ***Themed Figures Set 'Bedroom'***
Contents: 1 man, 1 woman, 1 bed with bedside tables, 1 wardrobe, 1 dressing table with stool, 1 door





Themed Figures Set 'Children's Room'

The children's room is a place full of life and adventure. Children should be able to develop their creativity, whether playing, crafting, listening to music or reading. The design is colourful and inviting to stimulate the imagination. A cosy bed and plenty of storage space for toys are key elements.

HO **16288** ***Themed Figures Set 'Children's Room'***
Contents: 1 mother, 2 children, 1 bunk bed, 1 chest of drawers, 1 door, further accessories





Themed Figures Set 'Bathroom'

The bathroom is much more than just a functional room. The bathroom is where the day begins and ends with personal hygiene and brushing teeth. The shower and bathtub are also used for relaxation. Make-up is checked in front of the mirror and beards are trimmed. At the same time, the bathroom is also a private retreat, as it is often the only lockable room in the house

HO **16289** ***Themed Figures Set 'Bathroom'***
Contents: 1 man, 1 woman in bathtub, 1 shower, 1 toilet, 1 bidet, 1 washbasin, 1 bathroom cabinet, 1 door

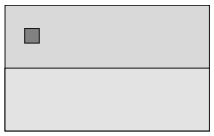


Get Started with these Essentials!

Laser-Cut Scenery Sets

Everything you need to get started right away is included in these themed sets. Starting with the Laser-Cut Kit, through to the suitable figures and finishing with decorating materials, everything you need to create a nice little scene is here. Even the right glue is included in the set. The crafting fun can start immediately.





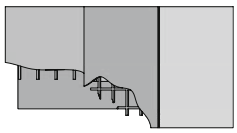
8.9 cm x 4.5 cm
4.3 cm high





H0 65606 *Scenery Set 'Forest Lodge'*

Contents:
- *Laser-Cut Kit 'Forest Lodge'*
- *Figures Set 'Hunters and Lumberjacks' (ref. 15060, 6 figures)*
- *Scatter Grass 'Forest Floor' (ref. 08350)*
- *2 x Woodpiles, Laser-Cut minis 'Stinging Nettles'*



11 cm x 6 cm
5 cm high





H0 65620 *Scenery Set 'Christmas Manger'*

Contents:
- *Laser-Cut Kit 'Christmas Manger', 11 cm x 6 cm, 5 cm high*
- *Figures Set 'Manger Figures' (ref. 15922, 11 figures)*
- *Scatter Material brown, 42 g (ref. 08440)*
- *Gravel Mat, beige (ref. 00090)*
- *20 Grass Tufts, green*
- *Mini Grass Mats, green, 28 cm x 22 cm*
- *Adhesive*





…Just like the original: the real thing is in Überlingen on Lake Constance.

What Could Be Nicer Than a Hiking Trip?

Laser-Cut Scenery Set 'Hiking Trip to the Witch's House'

LASER CUT

It's the weekend, so you're finally free, and even the weather is playing along! Clearly, the whole family is drawn to going on a hiking trip in the fresh air.

A special destination for the excursion is the 'Witch's House'. This little forest hut is located in a beautiful local recreation area which invites you to rest and recharge your batteries in the forest. By the way, the model for the little hut is in Überlingen on Lake Constance.



H0 **65617** ***Scenery Set 'Hiking Trip to the Witch's House'***

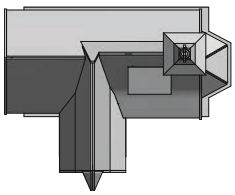
Contents:

- *1 Laser-Cut Kit 'Witch's House'*
- *1 Bench, 1 Wayside Shrine*
- *1 Signpost, 1 Hiking Map*
- *1 Figures Set 'Wanderers' (ref. 15870)*
- *42 g Scatter Material, brown (ref. 08440)*
- *20 Grass Tufts*
- *Adhesive*









H0 gauge:
5.9 cm x 4.8 cm, 8.3 cm high



LASER CUT® minis



Made in Germany



Laser-Cut minis Kits

By now, the Laser-Cut minis from NOCH have become a 'little institution'. The Kits have been very varied in recent years and many new ideas from our enthusiastic customers have reached us. We are therefore constantly expanding our range with new Laser-Cut minis for H0, TT and N gauges. The kits are available for a low price, and they will surely find a place on every model railway layout.
Just let yourself be inspired by our wide range of subjects!

Railway, Industry, Trade



H0 **13751** ***Power & Distribution Boxes***
6 pieces
2 x 1.2 cm x 1.2 cm, 1.8 cm high
2 x 0.4 cm x 2.3 cm, 1.8 cm high
2 x 0.3 cm x 0.7 cm, 1.5 cm high





H0 **14214** ***Piles of Planks***
8 Piles with Wooden Planks
each 2 Piles of 2.5 cm x 0.8 cm
2.5 cm x 1.3 cm, 4 cm x 0.8 cm
4 cm x 1.3 cm



N **14628** ***Piles of Planks***
8 Piles with Wooden Planks
each 2 Piles of 1.4 cm x 0.8 cm
1.4 cm x 1.3 cm, 2.2 cm x 0.8 cm
2.2 cm x 1.3 cm

G 1 0 H0 TT N Z

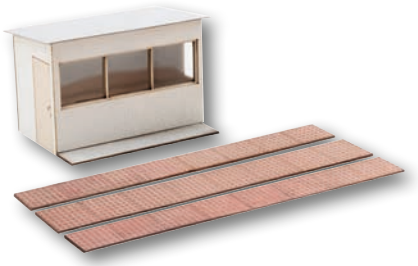


HO **14294** ***Platform Edges***
8.5 cm x 0.2 cm
1.1 cm high





HO **14295** ***Railway Weighbridge***
8.8 cm x 7.7 cm
3.3 cm high





HO **14296** ***Railway Loading Gauge***
7.2 cm x 1 cm
6.6 cm high





HO **14297** ***Step Grid, yellow***
28.5 cm x 1.4 cm

N **14697** ***Step Grid, yellow***
15.5 cm x 0.8 cm





HO **14298** ***Step Grid, grey***
28.5 cm x 1.4 cm

N **14698** ***Step Grid, grey***
15.5 cm x 0.8 cm





HO **14299** ***Railway Sleepers***
3 cm x 0.3 cm
0.2 cm high

N **14699** ***Railway Sleepers***
1.5 cm x 0.2 cm
0.1 cm high





HO **14303** ***St Andrew's Crosses***
8 pieces





HO **14304** ***Level Crossing***
11.8 cm x 4 cm

TT **14422** ***Level Crossing***
8.6 cm x 2.9 cm

N **14622** ***Level Crossing***
6.5 cm x 2.2 cm





HO **14305** ***Wooden Plank Crossing***
5.6 cm x 8 cm

N **14624** ***Wooden Plank Crossing***
3 cm x 4.4 cm

Note: *each supplied without St Andrew's cross and crossing barrier.*





HO **14306** ***Signal Box***
1.7 cm x 1.7 cm, 2.9 cm high





HO **14308** ***Small Track House***
6.1 cm x 4.5 cm, 5.7 cm high

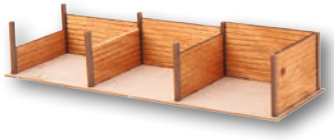
N **14640** ***Small Track House***
3.3 cm x 2.4 cm, 2.5 cm high





HO **14315** ***Coal Bunker***
13.8 cm x 4.6 cm, 2.6 cm high

N **14615** ***Coal Bunker***
7.5 cm x 2.5 cm, 1.4 cm high



Roads and Paths







HO **14237** ***Large Concrete Slabs***
40 pieces, 2.3 cm x 2.3 cm

N **14629** ***Large Concrete Slabs***
54 pieces, 1.3 cm x 1.3 cm

Tip: *The N concrete slabs can each also be used as 'small' plates for the larger gauges.*



HO **14208** ***Simple Railings***
8 railings each in green, grey, brown; total length per colour: 64 cm



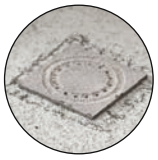


HO **14209** ***Wrought Iron Railings***
12 pieces, total length 111.6 cm





HO **14218** ***Drain Covers and Gully***
25 pieces





HO **14219** ***Kerbs***
16 pieces, total length 200 cm



Village and City



HO **14013** ***Ornamental Trees in Tubs***
2 pieces



HO **14213** ***Wooden Wall***
37.2 cm long, 2.4 cm high



HO **14215** ***Balustrade***
22.5 cm long, 1.4 cm high



HO **14236** ***Coping Stones***
5 pieces made of structured hard foam
9.8 cm x 1 cm, 0.4 cm high





HO **14320** ***Kiosk***
5.4 cm x 5.4 cm, 4.2 cm high





HO **14336** ***Village Chapel***
4.2 cm x 3.6 cm, 8.1 cm high

N **14687** ***Village Chapel***
2.3 cm x 2 cm, 4.5 cm high





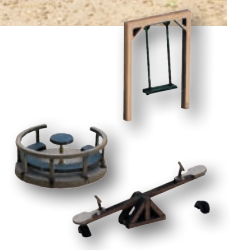
HO **14367** ***Adventure Playground***
11 cm x 3.7 cm
4.5 cm high



Note: *the Adventure Playground is a very delicate modelling kit for advanced hobbyists.*



HO **14368** ***Play Equipment***
3 pieces
Roundabout: 2.2 cm x 2.2 cm, 1.1 cm high
Seesaw: 4.2 cm x 6 cm, 1.5 cm high
Swing: 2.1 cm x 0.2 cm, 2.3 cm high





HO **14383** ***Souvenir Stall***
2.7 cm x 2.7 cm, 5.8 cm high





HO **14384** ***Mediaeval Stall***
6.5 cm x 3.2 cm, 3.2 cm high





HO **14390** ***Bus Stop***
6.8 cm x 2.8 cm, 3.3 cm high





HO **14396** ***Mobile Food Stalls***
2 pieces
7.2 cm x 4.1 cm, 3.2 cm high
5.6 cm x 3.7 cm, 3.5 cm high



Forest, Meadow and Mountains



HO **14338** ***Refuge 'Babenstuber Hut'***
4.6 cm x 3.7 cm
3.2 cm high





... Just like the original: the 'Babenstuber Hut' acts as emergency shelter for mountaineers below the summit of the Ellmauer Halt in the Wilder Kaiser mountains. The model can, however, also be used as a refuge or barbecue hut. Incidentally, we have spared no effort and surveyed the original on site at 2,300 metres altitude.



HO **14339** ***Mountain Shelter***
6.5 cm x 6 cm
4.2 cm high





HO **14341** ***Raised Hide***
3 cm x 3 cm, 5.4 cm high

TT **14433** ***Raised Hide***
2.1 cm x 2.3 cm, 4 cm high

N **14633** ***Raised Hide***
1.6 cm x 2.1 cm, 3 cm high



HO **14342** ***Forest Lodge***
6.5 cm x 5.1 cm, 4 cm high

TT **14434** ***Forest Lodge***
4.7 cm x 3.7 cm, 2.8 cm high

N **14634** ***Forest Lodge***
3.5 cm x 2.8 cm, 2.2 cm high





HO **14343** ***Cratch***
2 pieces
2.8 cm x 1.4 cm, 2.4 cm high





HO **14379** ***Cattle Shelter***
6.2 cm x 4.2 cm, 3.0 cm high



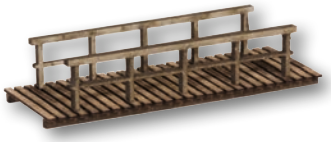
G 1 0 HO TT N Z

Water



H0 **14222** ***Small Footbridge***
6 cm x 2.2 cm
1.3 cm high

N **14620** ***Small Footbridge***
3.3 cm x 1.2 cm
0.8 cm high





H0 **14223** ***Footbridge***
9.5 cm x 1.8 cm
max. 3 cm high





H0 **14224** ***House Boat***
8 cm x 3.4 cm
3 cm high





H0 **14259** ***Boat Hire***
9.2 cm x 7.3 cm,
5.3 cm high





H0 **14262** ***Fisherman's Hut***
8.0 cm x 3.7 cm,
5.4 cm high

N **14691** ***Fisherman's Hut***
4.4 cm x 2.0 cm, 3.0 cm high



Garden

HO **14105** ***Flower Island***
2 pieces (without plants)
each 4.5 cm x 3 cm, 0.6 cm high

N **14609** ***Flower Island***
2 pieces (without plants)
each 2.4 cm x 1.8 cm, 0.4 cm high





HO **14230** ***Timber Fence***
42 cm
1.5 cm high





HO **14293** ***Garden Shed***
'Railway Carriage'
9.7 cm x 3.7 cm
3.5 cm high



HO **14357** ***Green House***
4.2 cm x 2.4 cm, 2.6 cm high







HO **14359** ***Outhouse***
2 pieces,
1.4 cm x 1.5 cm,
2.7 cm high



HO **14361** ***Garden Plot Shed***
5.4 cm x 5.2 cm
3.3 cm high

N **14635** ***Garden Plot Shed***
2.9 cm x 2.8 cm
1.8 cm high





HO **14377** ***Henmobile***
6.0 cm x 4.3 cm, 2.9 cm high





HO **14397** ***Sauna with View***
(without figures)
8.9 cm x 4.3 cm, 3.5 cm high



Christmas Laser-Cut minis Kits

Real wood!



HO **14391** ***Christmas Market Entry Arch***
7.6 cm x 1 cm, approx. 7.9 cm high

N **14681** ***Christmas Market Entry Arch***
4.3 cm x 0.6 cm, 4.5 high





HO **14392** ***Christmas Market Stall***
8 cm x 5 cm, 3.5 cm high

N **14682** ***Christmas Market Stall***
4.5 cm x 3 cm, 2 cm high





HO **14393** ***Mulled Wine Stall***
5 cm x 5 cm, 4 cm high

N **14683** ***Mulled Wine Stall***
3 cm x 3 cm, 2.5 cm high





HO **14394** ***Christmas Market Manger with Figures in Wood Look***
7.5 cm x 3.5 cm, 3.5 cm high
incl. 8 Figures



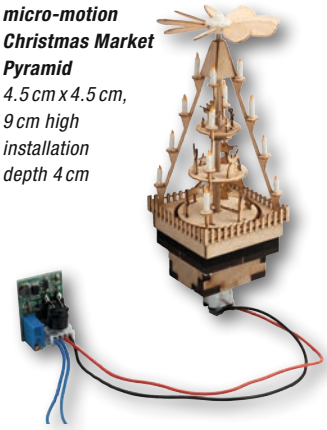


HO **14395** ***Christmas Market Pyramid***
4.5 cm x 4.5 cm, 9 cm high





HO **66413** ***micro-motion Christmas Market Pyramid***
4.5 cm x 4.5 cm,
9 cm high
installation depth 4 cm



Info Tip:
Laser-Cut Adhesive – easy to apply in exact doses

NOCH Laser-Cut Adhesive is perfect for building high-grade model Laser-Cut Kits. The adhesive is very easy to apply in exact doses thanks to its tip. Even the smallest parts can therefore be stuck together cleanly. When glueing larger surfaces together, it is. It is recommended that the adhesive is spread with a paintbrush. Its special formula ensures a strong, long-lasting bond.





61104 ***Laser-Cut Adhesive***
30 g

G 1 0 HO TT N Z



Let Your Creativity Shine with LED Fairy Lights!

The LED Fairy Lights are available with 10, 20 and 30 LEDs. One LED is placed per centimetre. The Fairy Lights are suitable as lantern garlands for festivities, as stall lighting at a Christmas market, and much more! Connect to a 16 V model railway transformer. Suitable for AC and DC.



51240 ***Fairy Lights with 10 LEDs***
Contents: string of lights with 10 LEDs, length 10 cm, length of connecting cable 15 cm

51244 ***Fairy Lights with 20 LEDs***
Contents: string of lights with 20 LEDs, length 20 cm, length of connecting cable 15 cm

51248 ***Fairy Lights with 30 LEDs***
Contents: string of lights with 30 LEDs, length 30 cm, length of connecting cable 15 cm

Nice and Spooky – Spookily Nice!

To set the right mood, not just for Halloween! Those who like to carve pumpkins, watch horror films, play 'trick or treat' and invite zombies and vampires to their costume party will get their money's worth with the five Illuminated Pumpkins. Connect to a 16 V model railway transformer. Suitable for AC and DC.





HO **51210** ***Pumpkins, illuminated***
Contents: 5 pieces, handpainted each with 1 LED

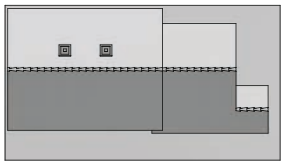
A Lovely Selection for the Smallest Gauge

Laser-Cut Buildings for Z Gauge

With a scale of 1:220, Z gauge is the smallest model railway produced in series. On this double-page spread, you'll find some lovely laser-cut kits for this fascinating gauge.



Z **44305** ***Station 'Zeil'***



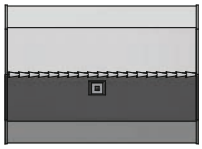
10.3 cm x 5.8 cm
4.5 cm high





Z **44310** ***Village Set, 3 pieces***
Contents: 2 Residential Buildings, 1 Great Farm

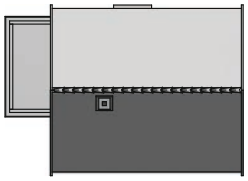




Half-Timbered House
5.1 cm x 3.7 cm, 5 cm high



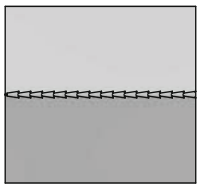
Country House
5.1 cm x 3.7 cm, 5 cm high



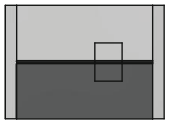
Great Farm
6.3 cm x 4.5 cm, 5.7 cm high

Note: *All Laser-Cut kits illustrated on this double page include a detailed construction manual and a suitable adhesive.*

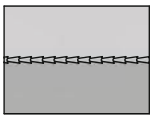




Field Barn
4.2 cm x 3.9 cm, 1.7 cm high



Chapel
3.5 cm x 2.5 cm, 3.8 cm high



Timber Barn
3.2 cm x 2.4 cm, 1.3 cm high



Z **44315** ***Small Buildings Set, 3 pieces***
Contents: 2 Barns, 1 Chapel



Z **88313** ***Briefcase Layout 'Serfaus'***
with Märklin® mini-club Track

The small, beautiful Z gauge summer layout impresses with its varied route over a bridge and through a tunnel. The four buildings on the layout are illuminated.
The layout is operated with the enclosed power supply.



Z **88318** ***Briefcase Layout 'St Anton'***
with Märklin® mini-club Track

The small Z gauge winter layout impresses with its thrilling route over a bridge and through a tunnel. The four houses and the Christmas tree are illuminated on the romantic, snowy layout.
The layout is operated with the enclosed power supply.

You will find model figures and vehicles for Z gauge in the 'Figures' chapter from page 370 onwards.
Complete Z gauge briefcase layouts can be found from page 418 onwards in this catalogue.



G 1 0 HO TT N Z

Fascinatingly Realistic!

Structured Hard Foam Castle Ruins

Made in Germany

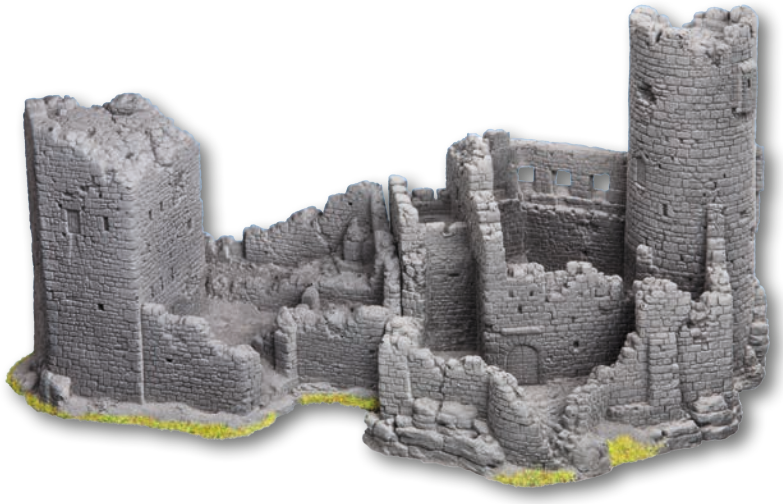
NOCH Castle Ruins are true eye-catchers in every model landscape! Castle towers, derelict fortifications, castle courtyards: all mediaeval walls in the NOCH range are absolutely realistic.



H0 **TT** ***58600*** ***Castle Ruin***
18 cm x 14 cm, 12 cm high



H0 ***58605*** ***Castle Ruin***
20 cm x 16.3 cm, 16.5 cm high



Combination option: ref. 58600 and 58605 Castle Ruins can be made into a large castle.





HO **58611** ***Chapel Ruin***
10.5 cm x 6.7 cm, 6.7 cm high





HO TT N **58609** ***Castle Ruin***
15.5 cm x 10 cm, 12 cm high

HO TT N **58602** ***Castle Ruin***
16 cm x 13 cm, 10 cm high





HO TT N **58614** ***T-Rex Excavation***
13.5 cm x 6.8 cm, 1.6 cm high

G 1 0 HO TT N Z



Abandoned Place 'Locomotive' made of Structured Hard Foam

A decayed locomotive is every railway fan's nightmare. Or maybe not? Who knows. With the help of a few friends and some hard work, you could set up an association and get the locomotive back on the rails. A little bit of repairing, welding, sanding and hammering will be required. But the old iron horse will soon look like new again.

H0 **60763** ***Abandoned Place 'Locomotive'***
24 cm x 10.1 cm, 5.2 cm high





UFO Crash made of Structured Hard Foam

This UFO model stands out thanks to its intricate hand-painting. The 3D-printed alien figure 'Fred', included in the set, is 1.7 cm tall and adds the finishing touch to the model!

* ***Note:*** *Following thorough research, we now believe that Fred has the astonishing ability to change his size at will. Consequently, the model is suitable for H0, TT and N gauge. Depending on Fred's mood.*







H0 TT N **60765** ***UFO Crash***
Contents: 1 base plate with crashed UFO made of NOCH Hard Foam, handpainted
22.5 cm x 15 cm, 6.5 cm high
1 3D printed alien figure, 1.7 cm tall

Our Aliens are a little gag for your model landscape. They go perfectly with the UFO Crash (ref. 60765) but can also be combined with other NOCH Figures Sets.



H0 **15812** ***Aliens***



Populate Your Entire Little World!

Nothing animates a model scene as much as model figures. You'll find a huge selection of different figures in the NOCH range. To give you a quick introduction to the large assortment of NOCH Figures, you'll find a small overview on the page to the right.

1 G 0 HO TT N Z



Figures and Decorations

Figures Sets – from page 298
Funny-Scenes – from page 236
Tiny-Scenes – from page 328
Themed Figures Sets – from page 330
Accesory Sets – from page 333
Advent Calendars – from page 350
NOCH Gift Box – from page 352
Hobby Figures – from page 3586
3D Master Figures H0 – from page 358
NOCHme – Individual 3D Master Figures – from page 362
3D Master Figures, Themed Figures Sets and Vehicles N – from page 364
3D Master Figures and Vehicles Z – from page 370
Figures XL Sets – from page 374
Mega Economy Figures Sets – from page 376
Sound Scenes – from page 380
Ornamental Plants – from page 382
Deco Minis – from page 383
Fences – from page 384

Working Life

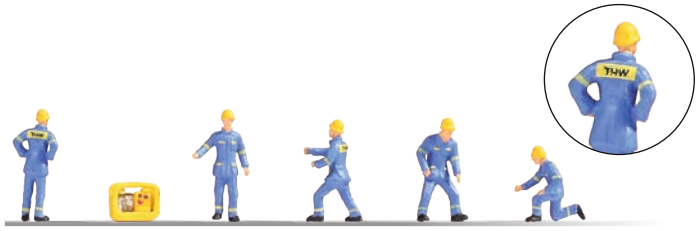


HO **15021** *Fire Brigade*
(black protective clothes)

N **36021** *Fire Brigade*
(black protective clothes)



HO **15022** *Fire Brigade*
(orange protective clothes)



HO **15025** *THW Technical Aid Agency*



HO **15027** *Refuse Collection*

TT **45027** *Refuse Collection*

N **36027** *Refuse Collection*



HO **15029** *City Cleaning*

TT **45029** *City Cleaning*



HO **16770** *Fork-lift Truck*



HO **15038** *Warehousemen*

TT **45038** *Warehousemen*

N **36038** *Warehousemen*



HO **15042** *Miners*



HO **15043** *Archaeologists*



HO **15046** *Sailors*

TT **45046** *Sailors*

N **36046** *Sailors*



HO **15047** Maritime Search and Rescue



HO **15049** Roofers



HO **15051** Carpenters



HO **15052** Chimney Sweepers



HO **15053** Bakers



HO **15054** Bricklayers



HO **15055** Bricklayers

TT **45055** Bricklayers



HO **15056** Painters



HO **15057** Construction Workers



HO **15059** Hunters and Foresters

TT **45059** Hunters and Foresters

N **36059** Hunters and Foresters



HO **15060** *Hunters and Lumberjacks*



HO **15061** *Forest Workers*

TT **45061** *Forest Workers*

N **36061** *Forest Workers*



HO **15064** *Mowing*

TT **45064** *Mowing*

N **36064** *Mowing*



HO **15069** *Parcel Carriers*



HO **15070** *Service Staff*



HO **15071** *Criminal Police with Corpse*



HO **15080** *Traffic Accident*

TT **45080** *Traffic Accident*

N **36080** *Traffic Accident*



HO **15094** *Paramedics*

N **36094** *Paramedics*



HO **15107** *Racing Drivers and Mechanics*



HO **15108** *Auto Mechanics*



HO **15110** *Construction Workers*



HO **15111** *Workers & Tools*





HO **15112** *Road Workers*

TT **45112** *Road Workers*

N **36112** *Road Workers*

Postmen and Police Officers



HO **15078** *Mounted Police*

TT **45078** *Mounted Police*

N **36078** *Mounted Police*



HO **15079** *Special Task Force*

TT **45079** *Special Task Force*

N **36079** *Special Task Force*



HO **15088** *German Postmen*



HO **15090** *German Police Officers*



HO **15091** **Police Officers** *(blue uniform)*



At the Railway Station



HO 15213 Seated Travellers

TT 45213 Seated Travellers

N 36213 Seated Travellers



HO 15216 Farewell



HO 15217 Passengers

TT 45217 Passengers

N 36217 Passengers



HO 15218 Passengers

N 36218 Passengers



HO 15219 Passengers



HO 15223 Passengers

TT 45223 Passengers

N 36223 Passengers

1 G 0 HO TT N Z



HO **15224** ***Passengers***



HO **15226** ***Business Travellers***





HO **15238** ***People on Benches***



HO **15239** ***In the Dining Car***

TT **45239** ***In the Dining Car***

N **36239** ***In the Dining Car***

The space available in model dining cars is limited. To ensure that the figures fit into the dining cars, the models have been scaled down.



HO **15240** ***Passengers****, without benches*

N **36240** ***Passengers****, without benches*



HO **15242** ***Passengers****, without benches*

TT **45242** ***Passengers****, without benches*

N **36242** ***Passengers****, without benches*



HO **15244** ***Lorry Drivers and Co-Drivers****, without legs*

Perfect Sales Support for our Dealers





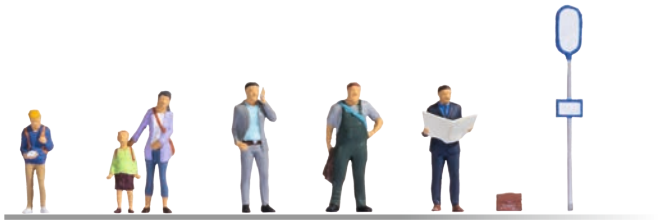
71194 ***Figures Counter Display***
112 hooks for maximum 560 Figures Sets; diameter approx. 45 cm, height approx. 110 cm

71195 ***Figures Floor Display***
152 hooks for maximum 760 Figures Sets; diameter approx. 45 cm, height approx. 187 cm



HO **15245** *Farewell*

N **36245** *Farewell*



HO **15246** *At the Bus Stop*

TT **45246** *At the Bus Stop*

N **36246** *At the Bus Stop*



HO **15247** *Backpackers and Hitchhikers*

TT **45247** *Backpackers and Hitchhikers*

N **36247** *Backpackers and Hitchhikers*



HO **15250** *Sitting Passengers*
(without legs, without benches)



HO **15259** *German Railway Officials*



HO **15260** *Swiss Railway Officials*



HO **15261** *Austrian Railway Officials*



HO **15262** *French Railway Officials*



HO **15263** *Czech Railway Officials*



HO **15264** *Dutch Railway Officials*



HO **15275** ***Shunters***

TT **45275** ***Shunters***

N **36275** ***Shunters***



HO **15276** ***Railway Construction Group***

TT **45276** ***Railway Construction Group***

N **36276** ***Railway Construction Group***



HO **15277** ***Track Workers***

N **36277** ***Track Workers***



HO **15284** ***Shunters***

TT **45284** ***Shunters***

N **36284** ***Shunters***



HO **15278** ***Sitting Workers,*** *without benches*



HO **15279** ***Shunters Epoch III & IV***

TT **45279** ***Shunters Epoch III & IV***

N **36279** ***Shunters Epoch III & IV***



HO **15281** ***Engine Drivers Steam Loco***

N **36281** ***Engine Drivers Steam Loco***





HO **15282** ***Engine Driver & Shunters, Epoch III***

TT **45282** ***Engine Driver & Shunters, Epoch III***

N **36282** ***Engine Driver & Shunters, Epoch III***



HO **15283** ***Engine Drivers Electric Loco*** *(without legs, without benches)*



People in all Situations



HO **15400** ***Nuns,*** *without bench*



HO **15401** ***Monks,*** *without bench*



HO **15410** ***Priest and Altar Servers***



HO **15415** ***First Day at School***



HO **15471** ***People with Dogs***

TT **45471** ***People with Dogs***

N **36471** ***People with Dogs***



HO **15472** ***Travel Group***



HO **15473** ***Tourists***

TT **45473** ***Tourists***

N **36473** ***Tourists***



HO **15478** ***Pedestrians***



HO **15479** ***Pedestrians***



HO **15481** ***Pedestrians***



HO **15510** ***Lovers***

N **36510** ***Lovers***



HO **15511** ***Same-Sex Couples***



HO **15512** ***Young Couples***

TT **45512** ***Young Couples***

N **36512** ***Young Couples***



HO **15517** ***Female Teenagers***

TT **45517** ***Female Teenagers***

N **36517** ***Female Teenagers***



HO **15518** ***Shopping***



HO **15519** ***People Panic Buying***



HO **15523** ***People in the Rain***



HO **15530** ***Sitting People,*** *with one bench*

TT **45530** ***Sitting People,*** *with one bench*

N **36530** ***Sitting People,*** *with one bench*



HO **15532** ***Sitting People,*** *without benches*

N **36532** ***Sitting People,*** *without benches*



HO **15533** ***Sitting People,*** *without benches*



HO **15536** ***Sitting People,*** *without benches*



HO **15540** ***Sitting People,*** *without benches*

N **36540** ***Sitting People,*** *without benches*



HO **15549** *Senior Citizens with Walking Frame*



HO **15551** *Senior Citizens*



HO **15552** *Wheelchair Drivers*

TT **45552** *Wheelchair Drivers*

N **36552** *Wheelchair Drivers*



HO **15558** *Group of Regulars*



HO **15559** *Drunk People*

TT **45559** *Drunk People*

N **36559** *Drunk People*



HO **15560** *Toilet Stories*

TT **45560** *Toilet Stories*

N **36560** *Toilet Stories*



HO **15563** *Street Musicians,* without bench



HO **15565** *City Scenes*



HO **15566** *Graffiti Sprayers*

TT **45566** *Graffiti Sprayers*

N **36566** *Graffiti Sprayers*



HO **15571** *Photographers*

N **36571** *Photographers*



HO **15573** *Camera Crew*



HO **15574** *People with Cell Phones,* without bench

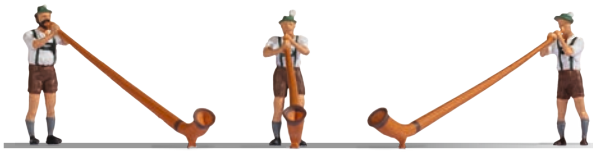


HO **15575** *People Reading*



HO **15580** *Music Band*

N **36580** *Music Band*



HO **15579** *Alphorn Players*



HO **15584** *Mothers with Children*



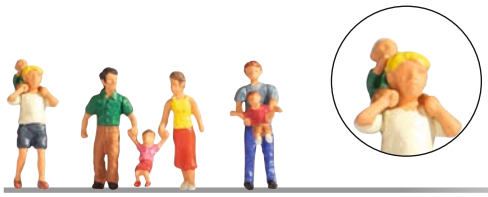
HO **15589** *Grandparents & Grandchildren*



HO **15590** *Parents & Children*

TT **45590** *Parents & Children*

N **36590** *Parents & Children*



HO **15592** *Parents & Children*



HO **15595** *Washday*



HO **15597** *Street Performers*



HO **15598** *Gardening*



HO **15599** *Family Having a Picnic*



Country Life



HO **15609** *Farming Family*



HO **15613** *Harvesters*



HO **15614** *Wine Growers*

N **36614** *Wine Growers*



HO **15615** *Beekeepers with Beehives*



HO **15617** *Farmers*



HO **15618** *Mountain Farmers*



HO **15628** *Tractor Drivers* (without benches)

Example of use





HO **15629** *Farmers*

TT **45629** *Farmers*

N **36629** *Farmers*

1 G 0 HO TT N Z



HO **16750** Two Wheel Tractor

TT **46750** Two Wheel Tractor

N **37750** Two Wheel Tractor



HO **16756** Tractor 'Fahr'



HO **15630** Riders

N **36630** Riders



HO **15632** Horse Care



HO **15634** Stable Work



HO **15616** Chopping Wood

N **36616** Chopping Wood

Enjoying a Ride

Carriages and Coaches

A few decades ago, carriages and horse-drawn coaches were the only or most common means of transport.

That is why scenes like these feature in many model landscapes. Add some truly impressive models to your authentic fleet.



HO **16706** Wedding Carriage



HO **16714** Hearse Coach



Animals



HO **15711** **Farm Animals** *(12 Figures)*

TT **45711** **Farm Animals** *(10 Figures)*

N **36711** **Farm Animals** *(10 Figures)*



HO **15712** **Pigs**

N **36712** **Pigs**



HO **15713** **Farm Animals**

N **36713** **Farm Animals**



TT **45715** **Dogs & Cats**





HO **15717** **Dogs**

N **36717** **Dogs**



HO **15719** **Dogs**

1 G 0 HO TT N Z



HO **15720** Alpine Cattle Drive





HO **15724** Drover and Cows



HO **15725** Cows, black-white



HO **16658** Cows at Water Trough



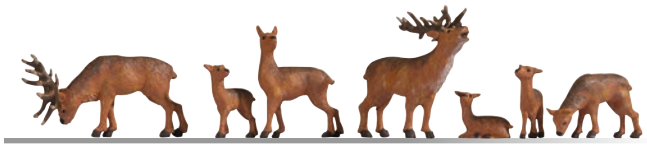
HO **15726** Cows, brown-white



HO **15727** Cows, brown



HO **15728** Highland Cattle



HO **15732** Deer

TT **45732** Deer

N **36732** Deer



HO **15746** Bears and Wolves

TT **45746** Bears and Wolves

N **36746** Bears and Wolves





HO **15742** Alpine Animals



HO **15745** ***Forest Animals*** *(12 Figures)*

TT **45745** ***Forest Animals*** *(9 Figures)*

N **36745** ***Forest Animals*** *(9 Figures)*



HO **15748** ***Sheep and Shepherd***

TT **45748** ***Sheep and Shepherd***

N **36748** ***Sheep and Shepherd***

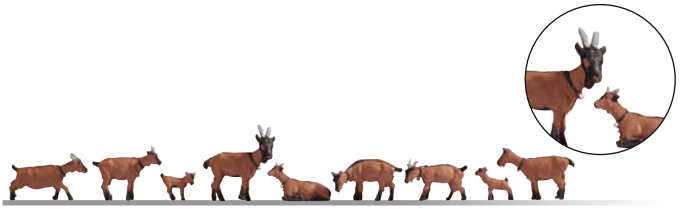


HO **15749** ***Sheep***



TT **45750** ***Sheep and Shepherd***

N **36750** ***Sheep and Shepherd***



HO **15752** ***Goats***



HO **15761** ***Horses***

TT **45761** ***Horses***

N **36761** ***Horses***



HO **15762** ***Draught Horses***



HO **15772** ***Chicken and Geese***



HO **15774** ***Swans and Ducks***



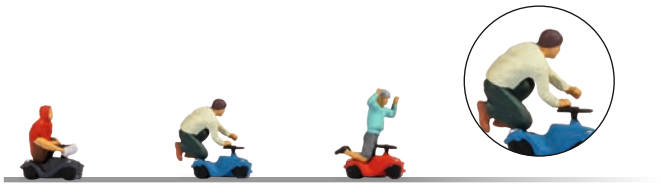
HO **15775** ***Birds***



HO **15776** ***Storks***



Games, Hobbies and Leisure Time



HO **15808** Bobby Car Race



HO **15809** Children

N **36809** Children



HO **15815** Children

N **36815** Children



HO **15817** Children on the Football Ground

TT **45817** Children on the Football Ground

N **36817** Children on the Football Ground



HO **15832** Beer Garden



HO **15833** At the Coffee Shop



HO **15838** Restaurant



HO **15839** Music Band

N **36839** Music Band



HO **15842** Bathers



HO **15841** Bathers

TT **45841** Bathers

N **36841** Bathers



HO **15843** *Nudists*

N **36843** *Nudists*



HO **15844** *Nudists*



HO **15847** *Voyeurs*



HO **15848** *Divers*



HO **15849** *Bathers*

TT **45849** *Bathers*

N **36849** *Bathers*



HO **15851** *Sunbathers*

TT **45851** *Sunbathers*

N **36851** *Sunbathers*



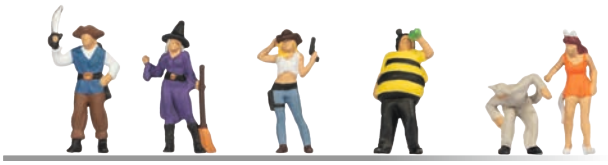
HO **15852** *In a Hooded Beach Chair*



HO **15853** *Surfers*



HO **15854** *Water Sports*



HO **15859** *Carnival*



HO **15861** *Love Story*



HO **15862** *Bride and Groom*

TT **45862** *Bride and Groom*

N **36862** *Bride and Groom*



HO **15864** Wedding Guests

TT **45864** Wedding Guests

N **36864** Wedding Guests



HO **15868** Pilgrims



N **36870** Wanderers



HO **15871** Mountaineers

TT **36871** Mountaineers

N **45871** Mountaineers



HO **15872** Wanderers



HO **15873** Wanderers



HO **15874** Mountain Hikers with Cross

TT **45874** Mountain Hikers with Cross

N **36874** Mountain Hikers with Cross



HO **15876** Camping

TT **45876** Camping

N **36876** Camping



HO **15879** Scouts



HO **15881** People Camping



HO **15883** In the Forest

TT **45883** In the Forest

N **36883** In the Forest



HO **15877** Camping Trip



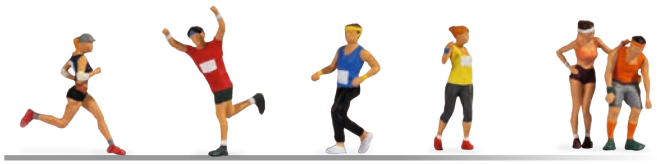
HO **15886** Paragliders



HO **15888** Practising Yoga



HO **15889** Skateboarders



HO **15890** Marathon Runners



HO **15891** Fishermen



HO **15892** Fishing



HO **15593** Barbecue Party

N **36593** Barbecue Party



HO **15895** Bicycles

TT **45895** Bicycles

N **36895** Bicycles



HO **15896** Cyclists

TT **45896** Cyclists

N **36896** Cyclists



HO **15897** Bicycle Racers

TT **45897** Bicycle Racers

N **36897** Bicycle Racers

1 G 0 HO TT N Z



HO **15898** Cyclists

TT **45898** Cyclists

N **36898** Cyclists



HO **15899** Mountainbikers



HO **15902** Cyclists



HO **15909** Family on a Bike Ride



HO **15905** Motorcyclists

TT **45905** Motorcyclists

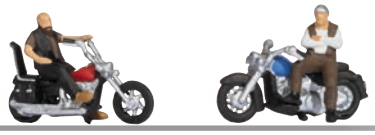
N **36905** Motorcyclists



HO **15904** Motorcyclists

TT **45904** Motorcyclists

N **36904** Motorcyclists



HO **15906** Rockers on Motorbikes

TT **45906** Rockers on Motorbikes

N **36906** Rockers on Motorbikes



HO **15907** Moped Riders



HO **15908** Children on Bicycles



HO **15910** Scooter Drivers

N **36910** Scooter Drivers



Fairytale Figures



HO **15803** *Snow White and the Seven Dwarfs*



HO **15806** *The Bremen Town Musicians*



HO **15804** *Hansel and Gretel with Witch*



HO **15805** *Little Red Riding Hood and the Big Bad Wolf*



HO **15807** *Cinderella*

Aliens



HO **15812** *Aliens*

Zombies & Vampires



HO **15800** *Zombies*



HO **15801** *Vampires*

1 G 0 HO TT N Z

Bring Colour into Play!

Unpainted Figures

Easily paint your figures yourself. We offer selected, unpainted NOCH Figures in favourable economy packs. The figures can simply be painted with commercial synthetic paints directly on the sprue.

Highlights:
- Budget bulk packs
- Easy to paint on the sprue
- Figures in one piece – no assembly required



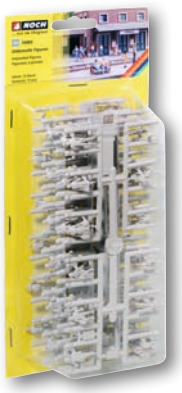
'Passengers' Sprue



'Pedestrians' Sprue



'Sitting People' Sprue *(without benches)*



HO **14985** ***Unpainted Figures***
72 pieces

TT **44985** ***Unpainted Figures***
72 pieces

N **35985** ***Unpainted Figures***
72 pieces

Contents:
- *2 sprues, each with 12 'Passengers' figures*
- *2 Sprues, each with 12 'Pedestrians' figures*
- *2 Sprues, each with 12 'Sitting People' figures*

NOCH Architecture Line



We have developed a small range of white figures in 1:100 scale specially for architecture modellers. These are ideal for designing unostentatious architectural models.



16000 ***Sitting People, white, Architecture Line 1:100*** *(without benches)*



16001 ***Pedestrians, white, Architecture Line 1:100***



16002 ***Standing People, white, Architecture Line 1:100***

Boats

The small, beautiful H0 and N crewed boats are a highlight of the NOCH range. Liven up your model waters with these lovely, realistic models. Come aboard!

Note: *the boats do not float.*





H0 **16824** Sailing Boat



H0 **16800** Rowing Boat



H0 **16805** Canoe

N **37805** Canoe



H0 **16809** Kayaks

N **37809** Kayaks



H0 **16810** Pedal Boat



H0 **16815** Dinghy

N **37815** Dinghy



H0 **16818** White Water Rafting



H0 **16820** Motorboat



H0 **16822** Fishing Boat

N **37822** Fishing Boat



‘Sexy Scenes’

The ‘Sexy Scenes’ are definitely the most exciting figures in our assortment. Each ‘Sexy Scenes’ pack consists of a pair of model lovers and matching accessories, such as a bed, desk, etc.

Since these products are quite ‘exceptional’, we've decided not to show them here. Instead, you can see an illustration. The rest we leave to your imagination...



HO **15951** ***Lovers in Action*** *(bed)*

N **36951** ***Lovers in Action*** *(bed)*



HO **15952** ***Lovers in Action*** *(armchair)*



HO **15953** ***Lovers in Action*** *(desk)*



HO **15956** ***Lovers in Action*** *(chair)*



HO **15960** ***Lovers in Action*** *(bed)*



HO **15961** ***Lovers in Action*** *(bench)*



HO **15962** ***Lovers in Action*** *(love seat)*





HO **15947** ***Sexy Carwash***



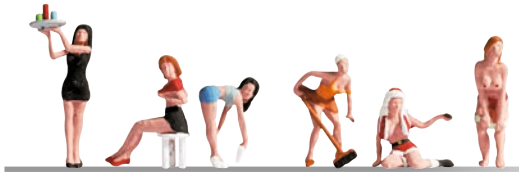
HO **15948** ***Artists and Nude Models***



HO **15949** ***Nude models***

TT **45949** ***Nude models***

N **36949** ***Nude models***



HO **15957** ***Sexy Ladies***



HO **15958** ***Nude Models***



HO **15959** ***Ladies of the Night***

N **36959** ***Ladies of the Night***



In the Winter



HO **15819** Children in the Snow

TT **45819** Children in the Snow

N **36819** Children in the Snow



HO **15821** Children in the Snow

TT **45821** Children in the Snow

N **36821** Children in the Snow



HO **15823** Ski Tourers



HO **15824** Ice Skaters

N **36824** Ice Skaters



HO **15826** Snowboarders



HO **15827** Skiers



HO **15828** Skiers

N **36828** Skiers



HO **15829** Skiers



HO **15920** Santa Claus and Angels



HO **15923** St Nicholas' Evening



HO **15924** *Santa Claus with Sleigh*



HO **15926** *Christmas Market*

N **36926** *Christmas Market*



HO **15927** *Selling Christmas Trees*

N **36927** *Selling Christmas Trees*



HO **15928** *Winter Work*



HO **15929** *Santa Claus & Knecht Ruprecht*



HO **15930** *Family Meier in Wintertime*



HO **15922** *Manger Figures*





Paste the Temporary Glue on the figure and briefly allow to dry.



When the glue is transparent, stick the figure onto the desired spot.

Temporary Glue

NOCH Temporary Glue allows you to optimally fix small parts onto your landscape – and take them off again!
NOCH Temporary Glue is water-soluble, dries out transparent and leaves no residue on the surface. That's why it is ideal for affixing figures, cars, houses and many more.



For a 'change of scene', simply take the figure off...



...and place it on another spot again.



61121 ***Temporary Glue***
30 g

Have Some Fun! Funny-Scenes

The Funny-Scenes are amusing little vignettes that bring any model to life and make viewers smile. The Figures Sets are elaborately hand-painted yet offered at an attractive price.





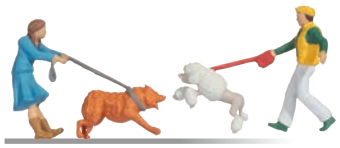
HO **16600** *Funny-Scenes 'Parking Offender'*





HO **16601** *Funny-Scenes 'In Flagranti'*





HO **16602** *Funny-Scenes 'Dog Encounter'*





HO **16603** *Funny-Scenes 'Couple'*





HO **16604** *Funny-Scenes 'Smoke Break'*





HO **16605** *Funny-Scenes 'Reporter Team'*





H0 **16606** ***Funny-Scenes 'Boozers'***





H0 **16607** ***Funny-Scenes 'Peeping Tom'***





H0 **16608** ***Funny-Scenes 'Kerb Crawling Area'***





H0 **16609** ***Funny-Scenes 'Smombies'***





H0 **16610** ***Funny-Scenes 'Caution Dog'***





H0 **16611** ***Funny-Scenes 'Too Fast'***



Charming Little Scenes

Tiny-Scenes

The Tiny-Scenes are charming little scenes that will fill any model landscape with life. Despite being elaborately handpainted, the 32 Tiny-Scenes are very attractively priced. You are sure to find lots of places in your model landscape that you can liven up with the Tiny-Scenes.





HO **16500** *Tiny-Scenes 'Vegetable Stall'*



HO **16501** *Tiny-Scenes 'Fruit Stall'*



HO **16502** *Tiny-Scenes 'Flower Stall'*



HO **16503** *Tiny-Scenes 'Fish Stall'*



HO **16504** *Tiny-Scenes 'Ice Cream Van'*



HO **16505** *Tiny-Scenes 'Hotdog Van'*



HO **16506** *Tiny-Scenes 'Coffee Stall'*



HO **16507** *Tiny-Scenes 'Coffee Break'*



HO **16508** *Tiny-Scenes 'Clothes Shopping'*



HO **16509** *Tiny-Scenes*
'Clothes Shopping'



HO **16510** *Tiny-Scenes*
'Cake Display'



HO **16511** *Tiny-Scenes*
'Ice Cream Parlour'



HO **16512** *Tiny-Scenes*
'Restaurant'



HO **16513** *Tiny-Scenes*
'Lunch'



HO **16514** *Tiny-Scenes*
'Lunch'



HO **16515** *Tiny-Scenes*
'At Work'



HO **16516** *Tiny-Scenes*
'At Work'



HO **16517** *Tiny-Scenes*
'In the Office'



HO **16518** *Tiny-Scenes*
'In the Office'



HO **16519** *Tiny-Scenes*
'Police Operation'



HO **16520** *Tiny-Scenes*
'Construction Work'



HO **16521** *Tiny-Scenes*
'Roadworks'



HO **16522** *Tiny-Scenes*
'Post'



HO **16523** *Tiny-Scenes*
'Post'



HO **16524** *Tiny-Scenes*
'Post'



HO **16525** *Tiny-Scenes*
'Warehousing'



HO **16526** *Tiny-Scenes*
'Warehousing'



HO **16527** *Tiny-Scenes*
'Warehousing'



HO **16528** *Tiny-Scenes*
'On the Platform'



HO **16529** *Tiny-Scenes*
'On the Platform'



HO **16530** *Tiny-Scenes*
'Coffee Break'



HO **16531** *Tiny-Scenes*
'Track Work'

Themed Figures Sets

A model landscape is and remains a small, intact world that we can create as we like. Completing our wide figures range, we have developed the product line NOCH Themed Figures Sets.

Each set contains figures and extensive, finely detailed accessories that allow you to design your favourite scenes in your model world to your heart's content. All parts are intricately painted by hand and enhance every model landscape.





H0 **16200** ***Themed Figures Set 'Barbecue Party'***

Contents:

5 Figures, 1 Dog, 2 Kettle Barbecues,
1 Gas Barbecue, 1 Barbecue Smoker,
1 Beer Barrel, 1 Beer Table, 2 Beer Benches,
2 Camping Chairs, 1 Camping Table,
1 Beer Crate (Empty)







H0 **16201** ***Themed Figures Set 'Camping'***

Contents:

4 Figures, 1 Campfire, 2 Rucksacks,
1 Ridge Tent, 1 Igloo Tent, 1 Camping Table,
2 Camping Chairs (Unfolded),
1 Camping Chair (Folded), 2 Signposts,
1 Beer Crate, 1 Stone Well, 1 Wooden Well







H0 **16205** ***Themed Figures Set 'Bathing'***

Contents:

6 Figures
1 Wicker Beach Chair
2 Deckchairs
2 Sunloungers
2 Parasols (Unfolded)
1 Parasol (Folded)







HO **16210** ***Themed Figures Set 'In the Mountains'***

Contents:

6 Figures, 1 Summit Cross, 1 Well
2 Wayside Crosses, 2 Hiking Signposts
1 Wooden Bench with Backrest
1 Table, 2 Benches
1 Hiking Information Board with Map







HO **16220** ***Themed Figures Set 'Winter's Day'***

Contents:

6 Figures, 2 Bobsleighs
2 Wooden Sledges, 2 Snowmen
1 Snow Blower
1 Snow Shovel (Small)
1 Snow Shovel (Large)
1 Sleigh Shovel
1 Snowboard
1 Ski Stand with Skis







HO **16226** ***Themed Figures Set 'Fruit Stall'***

Contents:

1 Figure 'Fruit Seller Froni'
4 Figures
1 Fruit Barrow with Roof and Wheels
1 Market Table with Fruit
4 Baskets of Fruit







HO **16228** ***Themed Figures Set 'Fish Stall'***

Contents:
1 Figure 'Fishmonger Akindo'
4 Figures
1 Canopied Fish Stall with Scales
1 Market Table with Display
1 Snack Table
1 Advertising Sign







HO **16229** ***Themed Figures Set 'Ice Cream and Hotdog Van'***

Contents:
1 Figure 'Sausage Seller Hannes'
1 Figure 'Ice Cream Seller Luigi'
2 Adults
2 Children
1 Hotdog Van
1 Ice Cream Van
2 Advertising Signs







HO **16230** ***Themed Figures Set 'Coffee Stall'***

Contents:
1 Figure 'Barista Federico'
1 Coffee Bike
3 Coffee-Drinking Figures
1 Dog
1 Dustbin
2 Bar Tables
2 Advertising Signs







H0 **16240** ***Themed Figures Set 'Toy Shop'***

Contents:

2 Mothers
1 Mother with a child and buggy
3 playing children
1 Large 'Superman' decorative figure
2 Scooter and pedal car toy vehicles
3 product presentations of balls
and toys as well as clothing







H0 **16241** ***Themed Figures Set 'Fashion Shop'***

Contents:

4 customers
1 saleswoman
1 sales counter with till
3 display stands with clothes
1 rack on castors with hanging clothes
1 rack with clothes in compartments
1 revolving stand with hanging clothes







H0 **16246** ***Themed Figures Set 'Restaurant'***

Contents:

5 sitting patrons and 1 dog
1 waiter
1 large 'chef' advertising mascot
4 tables
6 chairs
1 serving trolley
1 menu stand with menu







HO **16250** ***Themed Figures Set 'Workshop'***

Contents:

6 working model figures
2 workbenches
1 metal cabinet
1 filing cabinet
1 metal shelf
1 set of welding equipment
1 drum



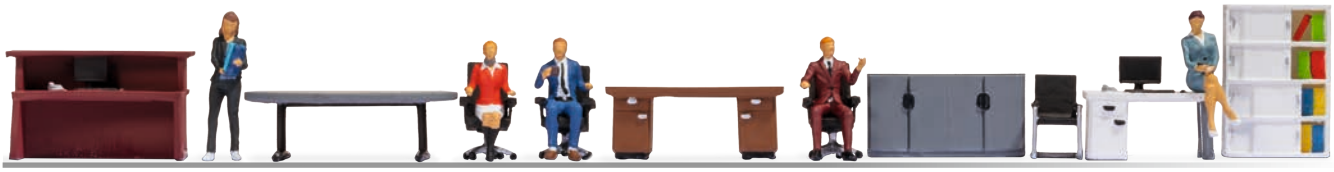




HO **16251** ***Themed Figures Set 'Office'***

Contents:

4 sitting model figures
1 standing model figure
1 large desk
1 small desk
1 reception desk
1 sideboard
1 wall shelf
1 conference table
4 chairs





HO **16258** ***Themed Figures Set 'THW Flood Relief Operation'***

Contents:

5 THW figures
1 emergency power generator
1 mobile pump
1 submersible pump
1 hose
6 sandbags







HO **16259** ***Themed Figures Set 'Fire Brigade Operation'***

Contents:

5 firefighter figures
1 floodlight
1 hydraulic unit
2 ladders
2 hoses
1 pair of cutters
1 spreader
1 extinguisher
2 hydrants
1 jet pipe
1 pipe





HO **16260** ***Themed Figures Set 'Police Operation'***

Contents:

6 police officers
1 police dog
4 police barriers
4 lightweight crowd control barriers
1 floodlight
1 power unit
2 speed cameras
1 traffic sign





HO **16262** ***Themed Figures Set 'Roadworks'***

Contents:

6 construction workers
4 large construction site barriers
4 small construction site barriers
5 beacon stands
2 beacons on stands
4 traffic cones ('witches' hats')
1 wheelbarrow
1 shovel
1 broom



HO **16264** ***Themed Figures Set 'Post Netherlands'***

Contents:

1 postman
3 parcel couriers
1 postman on a bicycle
1 postal trolley
2 postman trolleys
1 bicycle
1 cargo bike
1 platform trolley
2 different postboxes





HO **16265** ***Themed Figures Set 'Post'***

Contents:

1 postman
3 parcel couriers
1 postman on a bicycle
1 postal trolley
2 postman trolleys
1 bicycle
1 cargo bike
platform trolley
2 different postboxes

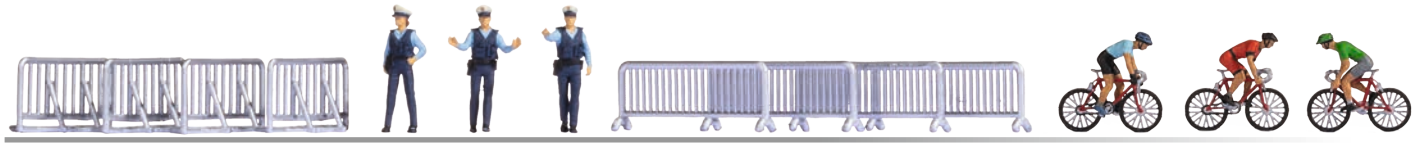




HO **16290** ***Themed Figures Set 'Cycling Race'***

Contents:

3 racing cyclists
3 police men
8 barriers





H0 **16291** ***Themed Figures Set 'Christmas'***

Contents:

2 men with gifts
1 Father Christmas
1 woman in an armchair
1 child on a wooden horse
1 dog with elk antlers
1 pile of gifts
1 sleigh with gifats





H0 **16292** ***Themed Figures Set 'Gym'***

Contents:

1 man bench pressing
1 man with dumbbells
1 man on exercise bike
1 woman on cross trainer
1 woman at squat rack
1 cross trainer
1 exercise bike
1 dumbbell rack





H0 **16293** ***Themed Figures Set 'Film Set'***

Contents:

1 woman with clapperboard
1 director
1 cameraman
1 man with megaphone
1 sound assistant
1 lighting technician
2 cameras
2 spotlights
1 wind machine





H0 **16266** ***Themed Figures Set 'Loading Goods'***

Contents:

1 warehousewoman with sack truck
1 warehouseman with crate
1 warehouseman with hand pallet truck
2 warehousemen and 1 haulier
1 hand pallet truck, 1 sack truck
1 pallet (empty), 2 pallets with load
1 pallet cage on pallet, 1 small crate
4 different barrels
4 different gas bottles





H0 **16268** ***Themed Figures Set 'Platform'***

Contents:

5 passengers
2 suitcases
1 ticket machine
1 ticket validator
1 train status/timetable display board
1 grid trolley
3 luggage trolleys
1 sign
2 three-seater benches



H0 **16270** ***Themed Figures Set 'Rail Depot'***

Contents:

1 worker sitting on a cable drum
1 crane operator
1 worker with brake shoe
1 worker with shovel, 1 foreman
1 hand crane, 2 cable drums
4 barrels, 1 brake shoe stand
1 welding carriage







Themed Figures Sets 'Buffet'

Mmm, that smells good! Who doesn't love beautifully presented, tasty buffets? A buffet is always an unmistakeable sign that something special is going on. And there are lots of occasions for opulent buffets: whether it's a holiday, anniversary celebration, work do, milestone birthday or ceremonial reopening, a buffet is part of it!

Our three lovingly designed scenes cover the entire spectrum of delicacies on a buffet, from starters to main courses and desserts. Naturally, the appropriate figures are included, from chefs to waiters and feasting patrons. Tuck in!



H0 **16275** ***Themed Figures Set 'Buffet'***
Contents: 4 patrons, 2 waiters, 2 buffet tables, 1 buffet counter



H0 **16276** ***Themed Figures Set 'Buffet'***
Contents: 3 patrons, 2 chefs, 2 buffet tables, 1 buffet trolley, 2 bar tables



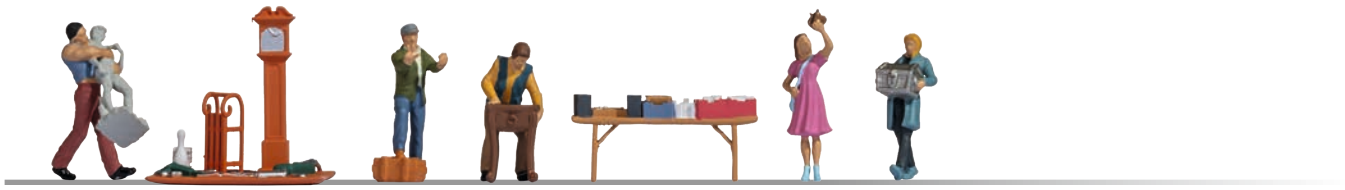
H0 **16277** ***Themed Figures Set 'Buffet'***
Contents: 4 patrons, 2 waiters, 2 buffet tables, 1 buffet trolley, 2 bar tables



Themed Figures Sets 'Flea Market'

There's something here to suit every taste, from antique furniture to vintage clothes and used toys. The variety of products on offer makes flea markets a paradise for bargain hunters and collectors. The people who visit flea markets are as diverse as the products. Young people seeking unique fashion statements, older people looking for memorabilia from bygone days, or families wanting to complete their household – everyone is full of enthusiasm for it.

Our three lovingly handpainted scenes depict this hustle and bustle in a model. Sellers offer for sale antiques, second-hand textiles and used toys, while customers and passersby look on excitedly.



HO **16280** ***Themed Figures Set 'Flea Market'***

Contents: 4 customers, 1 seller, 1 table with antiques, 1 blanket with antiques



HO **16281** ***Themed Figures Set 'Flea Market'***

Contents: 4 customers, 1 sitting seller, 1 large table with textiles and shoes, 3 small tables with textiles and shoes



HO **16282** ***Themed Figures Set 'Flea Market'***

Contents: 1 mother with buggy and giant teddy bear, 1 customer, 2 children, 1 seller, 2 large blankets with toys





HO **16284** ***Themed Figures Set 'Dining Room'***

Contents:

1 father
1 mother
2 children
1 set table with 4 chairs
1 shelf
1 wall shelf
1 chest of drawers
1 door





HO **16285** ***Themed Figures Set 'Kitchen'***

Contents:

1 man
1 woman
1 kitchen unit with sink, cooker and cupboards
1 fridge
1 extractor fan
1 rubbish bin
1 door





HO **16286** ***Themed Figures Set 'Living Room'***

Contents:

1 man in armchair
1 couple on the sofa
1 wall unit
1 living room table
1 door





HO **16287** ***Themed Figures Set 'Bedroom'***

Contents:

1 man
1 woman
1 bed with bedside tables
1 wardrobe
1 dressing table with stool
1 door





HO **16288** ***Themed Figures Set 'Children's Room'***

Contents:

1 mother
2 children
1 bunk bed
1 chest of drawers
1 door
further accessories





HO **16289** ***Themed Figures Set 'Bathroom'***

Contents:

1 man
1 woman in bathtub
1 shower
1 toilet
1 bidet
1 washbasin
1 bathroom cabinet
1 door



Accessory Sets

If you value designing realistic theme-based scenes, you'll find a ton of ideas in the NOCH range: from children's playgrounds to furniture to different flowerpots. Each set contains a variety of hand-painted accessories on every theme.
Liven up your model landscape with the accessory sets from NOCH – because it's often the little things that can have the biggest effect!







H0 **14800** ***Garden Tools***
Contents: Clothes Line, Carpet-Beating Stand, various Plant Tubs and Watering Cans Hedge Clippers, Hand Saw, Wheelbarrow, Shovel, Lawnmower, Garden Hose, Rake Spade, Hoe, Scythe and Broom





H0 **14805** ***Road Building Tools***
Contents: Mound of Sand, Jackhammer, Warning Signs, Cones, Lane Closure Signals Tamper, Pickaxe, Wheelbarrow, various Brooms and Shovels, Bucket





HO **14810** ***Train Station***

Contents: Noticeboard, Bench, various Suitcases, Backpacks, Bags, Luggage Trolley Baskets, Hand Luggage





HO **14814** ***Playground Accessories***

Contents: Table Tennis Table, Climbing Mushroom, Slide, Tent, Pram, Children's Tractor, Push Scooter and Bicycle





HO **14815** ***Auto Workshop***

Contents: Gas Bottles, Cart for Gas Bottles, Drum Pump, Hand Carts, Car Jack Bucket, Fire Extinguisher, Watering Can, Tool Kit, Toolboxes, Oil Drums Oxygen Cylinders, Wheel, Tyres, Sack Barrow, Roll Plate and Car Battery





HO **14817** ***Beer Garden Accessories***

Contents: 12 Beer Benches, 6 Beer Tables and 3 Parasols





HO **14819** ***Workshop Accessories***

Contents: 2 work benches, 1 metal cupboard, 1 filing cabinet, 1 metal shelf, 1 welding equipment, 1 barrel





H0 **14821** ***Police Accessories***

Contents: 4 lightweight barrier grilles, 4 Hamburg barriers, 1 floodlight, 1 power unit, 2 speed cameras, 1 traffic sign





H0 **14822** ***Restaurant***

Contents: 8 Chairs, 5 Tables and 1 A-Board





H0 **14823** ***Freight Station Accessories***

Contents: 1 hand pallet truck, 1 sack truck, 1 pallet, empty, 2 pallets with load, 1 pallet cage on pallet, 1 small crate, 4 different barrels, 4 different gas cylinders





H0 **14824** ***Coffee Shop***

Contents: 8 Chairs, 4 Tables and 1 Ice Cream Counter





H0 **14825** ***Waste Containers & Ashcans***

Contents: 2 Dustbins, various Rubbish Bins, Bottle Bank, Metal Recycling Bin and Skip





HO **14826** ***Rail Depot Accessories***

Contents: 1 hand crane, 2 cable drums, 4 barrels, 1 wheel block stand, 1 welding trolley





HO **14827** ***Platform Accessories***

Contents: 2 suitcases, 1 ticket machine, 1 ticket validator, 1 train status/schedule display board, 1 mesh trolley, 3 luggage trolleys, 1 sign, 2 three-seater benches





HO **14828** ***Post Accessories***

Contents: 1 Post box trolley, 2 delivery trolleys, 1 bicycle, 1 cargo bike, 1 transport trolley, 2 different letterboxes





HO **14829** ***Mountain Accessories***

Contents: 1 summit cross, 1 fountain, 2 wayside crosses, 2 hiking signposts, 1 wooden bench with backrest, 1 table, 2 benches, 1 hiking board with map





HO **14832** ***Furnitures***

Contents: Living Room Cabinet, Sofa, Television, Kidney-Shaped Table, 2 Armchairs Painting, Wardrobe, Bed, Dressing Table and Bedside Table





HO **14833** ***Furnitures***

Contents: Refrigerator, Kitchen Sideboard, Gas Stove, Electric Stove, Oven Washing Machine, Kitchen Cupboard, Dining Table and 3 Chairs





HO **14836** ***Winter Accessories***

Contents: 2 bobsleighs, 2 wooden sledges, 2 snowmen, 1 snow blower, 1 snow shovel, small, 1 snow shovel, large, 1 snow pusher, 1 snowboard, 1 ski stand with skis

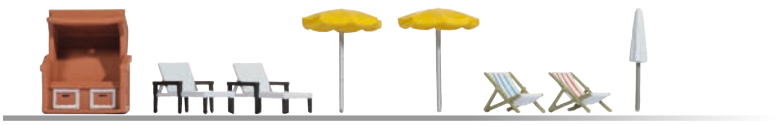




HO **14837** ***Weekly Market Accessories***

Contents: 1 covered market stall with vegetables and scales, 1 market table with vegetables, 4 baskets with vegetables





HO **14844** ***Beach Accessories***

Contents: 1 beach chair, 2 deckchairs, 2 sun loungers, 2 parasols (folded up), 1 parasol (unfolded)





HO **14848** ***Benches***

Contents: 4 Green Benches, 2 Red Benches and 3 Wasterpaper Baskets

TT **46848** ***Benches***

Contents: 4 Green Benches, 2 Red Benches and 3 Wasterpaper Baskets

N **35848** ***Benches***

Contents: 4 Green Benches, 2 Red Benches and 3 Wasterpaper Baskets





HO **14849** ***Benches***
Contents: 6 benches

TT **46849** ***Benches***
Contents: 6 benches

N **35849** ***Benches***
Contents: 6 benches





HO **14851** ***Benches***
Contents: 4 Benches, 1 Circular Bench





HO **14870** ***Christian Symbols***
Contents: 2 Roadside Shrines, 3 Crosses, 1 Statue





HO **14871** ***Gravestones***
Contents: 6 Gravestones





HO **14885** ***Flowerpots***
Contents: 27 Flowerpots and Troughs

Monuments and Busts

Accessory Sets

In many places, monuments and busts characterise the cityscape, at the same time comprising distinctive waypoints. NOCH Accessory Sets can be used in a variety of ways in your model landscape, making for an attractive eyecatcher. Busts and monuments represent famous historical figures and scenes.





HO **14835** ***Monuments***
Contents: 4 Monuments (Johannes Gutenberg, Pietà, Frederick the Great, Georg Friedrich Händel)





HO **14838** ***Busts***
Contents: 4 Busts (Johann Christoph Friedrich von Schiller, Johann Wolfgang von Goethe, Ludwig van Beethoven, Annette von Droste-Hülshoff)

Get Connected!

Telegraph Poles

To this day, telegraph (or telephone) poles characterise railway embankments and lines. They can still be found alongside the tracks and enable reliable communication over distances. The poles are hand-painted and their level of detailing is captivating. Enclosed with the product is a special 2 m long, flexible cable.





HO **13160** ***Telegraph Poles***
4 pieces incl. 2 m cable

Nice and Spooky – Spookily Nice!

To set the right mood, not just for Halloween! Those who like to carve pumpkins, watch horror films, play 'trick or treat' and invite zombies and vampires to their costume party will get their money's worth with the five Illuminated Pumpkins. Connect to a 16 V model railway transformer. Suitable for AC and DC.





HO **51210** ***Pumpkins, illuminated***
Contents: 5 pieces, handpainted each with 1 LED



‘Every Year Again’

Figures Advent Calendar for H0, TT, N and Z Gauges

Our Figures Advent Calendars have a long tradition. For many years, railway modellers and diorama builders have been looking forward to a small model figure every day in the time of Advent. The figures in the calendars for H0, TT and N gauges are hand-painted. The figures in the Z gauge calendar are 3D Master Figures, meaning they are 3D colour-printed.
A Figures Advent Calendar is the ideal gift for any model railway enthusiast.
You can find the latest Advent Calendar at your specialist retailer and online at www.noch.com.

Note: *To ensure that you can use the figures on your model railway layout, the Figures Advent Calendars do not contain any Winter or Christmas figures.*



H0 ***Figures Advent Calendar***
Contents: 24 hand-painted figures

TT ***Figures Advent Calendar***
Contents: 24 hand-painted figures

N ***Figures Advent Calendar***
Contents: 24 hand-painted figures

Z ***Figures Advent Calendar***
Contents: 24 3D Master Figures

1 G 0 H0 TT N Z



For More Enjoyment of Your Hobby

Decorative Advent Calendar 'On the Platform'

Who isn't familiar with the stress in the weeks leading up to Christmas? Buying presents for your loved ones, filling the fridge for the festivities, finishing everything at work, and so on and so forth... Once again, your hobby gets neglected. This makes us look forward even more to the quiet days after Christmas, when we have time for our families and our hobbies.

With the Decorative Advent Calendar from NOCH, this anticipation begins on 1st December. Behind each door are hand-painted figures and accessories to perfectly decorate your platform. We have selected the products so that they fit any layout. This way, you can enjoy your hobby from the very first day of Advent.





HO **65593** ***Decorative Advent Calendar 'On the Platform'***
Contents: 24 hand-painted figures and accessories



G 1 0 HO TT N Z

This is How Gifting Works Today: Personal, Loving, Surprising. The NOCH Gift Box

Our new gift boxes are small eye-catchers with a big impact – perfect for anyone who wants to give a personal gift without being cheesy. Each box has a modern design, high-quality finish and feels special to the touch.

The absolute wow factor: inside the lid – visible through a transparent film – is an approx. 2.5 cm tall, hand-painted miniature figure. Each figure is truly unique and depicts the respective occasion in a super cute, creative way: birthdays, weddings, congratulations, get well wishes and much more. Not a mass-produced product, but a mini work of art that immediately wins hearts.

The box itself opens like a small book – smoothly thanks to a magnetic closure that makes a quiet, elegant 'click' when closed. Inside the box is a finely crafted recess for your extra gift: a banknote, voucher, piece of jewellery or other small surprise.

And because personal words make all the difference, there is a mini greeting card on the inside of the lid for your message – short, sweet and meaningful.

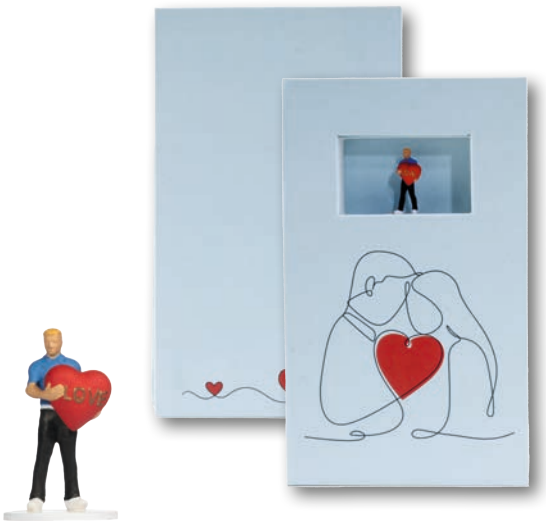
10 occasions. 10 designs. 1,000 ways to make someone really happy.

Giving a personal gift has never been so easy – and so special. Perfect for anyone who wants to give not just a gift, but a memory.





99500 ***Gift Box 'Wedding'***
9 cm x 15 cm, 2.5 cm high



99501 ***Gift Box 'With Love'***
Man, 9 cm x 15 cm, 2.5 cm high



99502 ***Gift Box 'With Love'***
Woman, 9 cm x 15 cm, 2.5 cm high



99503 ***Gift Box 'Christmas'***
9 cm x 15 cm, 2.5 cm high



99504 ***Gift Box 'Vacation'***
9 cm x 15 cm, 2.5 cm high



99505 ***Gift Box 'Get Well Soon'***
Man, 9 cm x 15 cm, 2.5 cm high



99506 ***Gift Box 'Get Well Soon'***
Woman, 9 cm x 15 cm, 2.5 cm high



99507 ***Gift Box 'Happy Birthday'***
9 cm x 15 cm, 2.5 cm high



99508 ***Gift Box 'Cheers!'***
9 cm x 15 cm, 2.5 cm high



99509 ***Gift Box 'Congratulations on Your Baby'***
9 cm x 15 cm, 2.5 cm high



Thanks to the practical counter display made of sturdy cardboard, dealers can present the NOCH Gift Boxes attractively in their shop.
The display stand is approximately 44.5 cm high, 22 cm wide and 12 cm deep (with sign above and the stand folded away), and holds a total of 16 Gift Boxes.

71187 ***Counter Display for Gift Boxes***
44.5 cm x 22 cm, 12 cm deep, delivery without contents

Simply Painted for a Budget Price!

NOCH Hobby Figures

NOCH Hobby Figures are the first choice when it comes to populating reasonably-priced squares, platforms, parks, carriages, etc. The Hobby Figures are painted in a simpler way than the 'normal' NOCH Figures which is reflected in the very favourable price. The figures are available for the common gauges of H0, TT and N.



Best value!

The particularly reasonably-priced NOCH Hobby Figures can be recognised by their red packaging.



H0 **18001** ***Fire Brigade***

N **38001** ***Fire Brigade***



H0 **18010** ***Railway Officials***



H0 **18011** ***Shunting Staff***

TT **47011** ***Shunting Staff***

N **38011** ***Shunting Staff***



H0 **18012** ***Railway Construction Crew***

TT **47012** ***Railway Construction Crew***

N **38012** ***Railway Construction Crew***



H0 **18100** ***Pedestrians***

TT **47100** ***Pedestrians***

N **38100** ***Pedestrians***



H0 **18101** ***Pedestrians***



H0 **18115** ***Passengers***

TT **47115** ***Passengers***

N **38115** ***Passengers***



H0 **18116** ***Passengers*** *(without benches)*

1 G 0 H0 TT N Z



HO **18117** ***Passengers***





HO **18130** ***Sitting People*** *(without benches)*

TT **47130** ***Sitting People*** *(without benches)*

N **38130** ***Sitting People*** *(without benches)*





HO **18131** ***Sitting People*** *(without benches)*

TT **47131** ***Sitting People*** *(without benches)*



HO **18132** ***Sitting People*** *(without benches)*



HO **18210** ***Shepherd and Sheep***



HO **18215** ***Horses***





HO **18300** ***Bathers***

TT **47300** ***Bathers***

N **38300** ***Bathers***

Individual Figures in 3D Colour Printing

3D Master Figures for H0 Gauge

Top Innovation!



It's a great innovation: these lovingly designed H0 figures are printed in full colour. Unprecedented design possibilities such as colour gradients and colour patterns (stripes, checks, etc.) arise from this fantastic new technology. Take a close look at the 3D Master Figures and discover their fascinating colourful details.



H0 10020 Sculptor



H0 10025 Lectern



H0 10220 Railway Official at his Desk



H0 10401 Bride and Groom



H0 10405 Lady in Red Dress



H0 10406 Lady in Yellow Dress



H0 10410 Cellist



H0 10411 Trumpeter



H0 10412 Saxophonist



H0 10413 Multi-Instrumentalist



H0 10414 Harlequin



H0 10415 Painter with Model and Easel



HO **10417** Clown



HO **10418** Organ Grinder



HO **10420** Bathing Woman



HO **10421** Woman bathing Child



HO **10423** Woman at the Dressing Table



HO **10425** Woman ironing



HO **10430** Woman in a Deckchair



HO **10431** Man on a Folding Chair



HO **10435** Seniors on Bench



HO **10440** Boozers



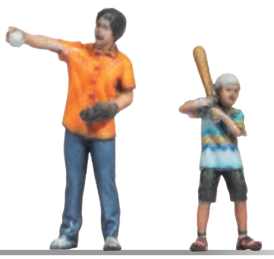
HO **10442** Homeless Person



HO **10601** Tagger



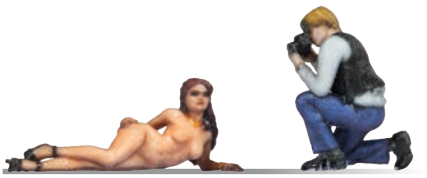
HO **10602** Teenager on Skateboard



HO **10603** Baseball



HO **10604** Soccer



HO **10605** *Nude Model and Photographer*



HO **10606** *Segway Rider*



HO **10607** *Man on E-Scooter*



HO **10610** *Bicycle Police Officer*



HO **10701** *Father Christmas*



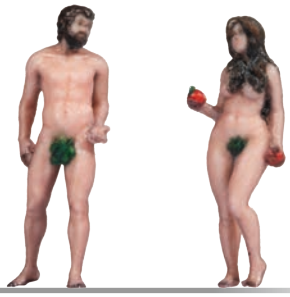
HO **10702** *Father Christmas and Boy*



HO **10703** *Santa Girl*



HO **10704** *Sexy Santa Girl*



HO **10801** *Adam and Eve*



HO **10802** *Devil*



HO **10803** *Venus*



HO **10804** *Death*



HO **10810** *Vampire Count*



HO **10820** *King Ludwig II of Bavaria*



HO **10821** *'Sisi' Elisabeth of Austria-Hungary*



HO **10900** *Touring Motorbike with Pillion, ridden*



HO **10901** *Sports Motorbike, ridden*



HO **10902** *Sports Motorbike cornering, ridden*



HO **10903** *Chopper ridden by a Biker*



HO **10904** *Chopper with Biker and Pillion, standing*



HO **10905** *Motocross Bike off-road*



HO **10906** *Motocross Motorbike Wheelie*



HO **10907** *Sports Motorbike, standing*



HO **10908** *Café Racer Motorbike, standing*



HO **10909** *Motorbike Accident*



HO **10910** *Police Motorbike Germany*



HO **10911** *Ambulance Motorbike Germany*



HO **10915** *Police Motorbike France*



HO **10916** *Police Motorbike Belgium*

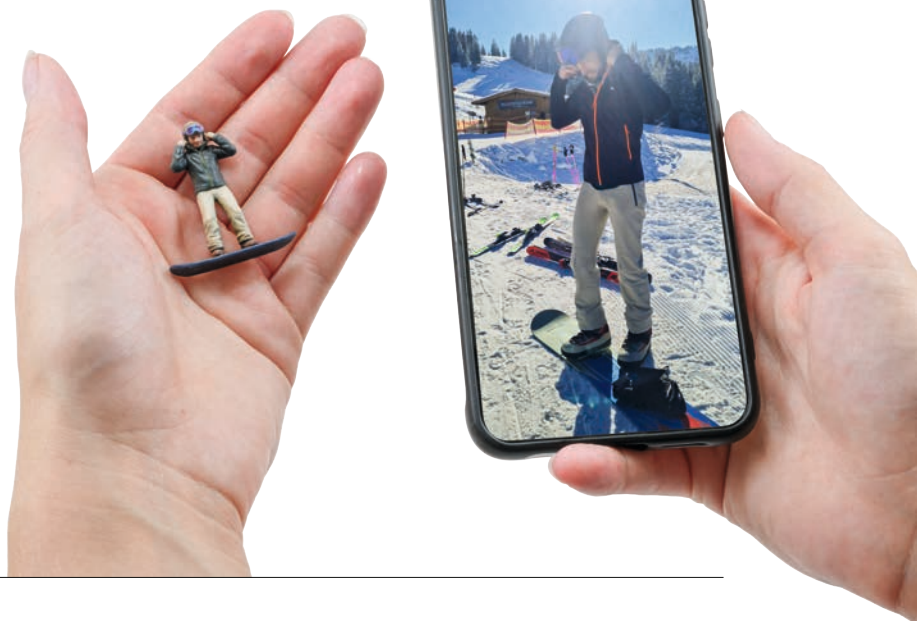


HO **10917** *Police Motorbike The Netherlands*

NOCHme – The highlight for model-making!

Customised, colour-printed model figures

NOCHme is a unique service that allows you to turn your photos into model figures. NOCHme is incredibly simple to use: you upload a photo of a person or an animal to our website and select the desired model scale and the number of figures you want. Once you've completed the checkout process, a printable three-dimensional data set is generated from your photo. This data set is then used to 3D-print your figures in colour. You'll then receive your figures by post – all within just a few days!

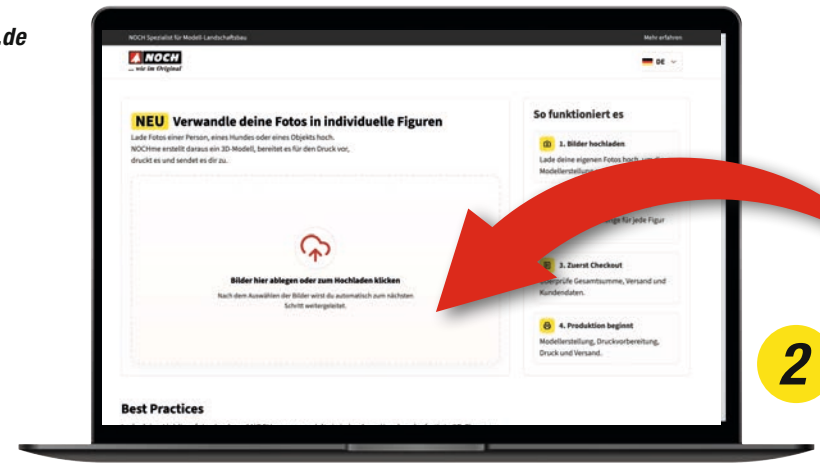


From photo to 3D model
www.nochme.de

It's that simple: four steps to a figure that's just right for you

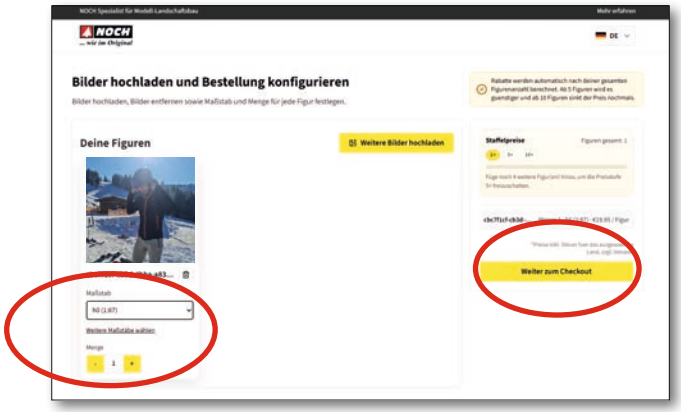
1

Visit www.nochme.de





2 ***Upload your photo***



3 ***Select the desired model scale and the desired quantity***

4 ***Complete your order and look forward to receiving it!***



You'll receive your personalised figure just a few days after placing your order!

NOCH GmbH & Co. KG acts as an intermediary. Further information can be found at www.nochme.de.

NOCHme allows you to print not only individual people but also small scenes featuring up to two people. It is also possible to create models of animals, or of people and animals together. You can also have people printed whilst sitting on a chair or an armchair. Of course, NOCHme does have its limitations, particularly when the objects become too large or too bulky. Just have a go and see what works. We'll let you know if any designs don't work.

















Dos and Don'ts
Here are a few more tips for finding your perfect model at www.nochme.de

From photo to 3D model www.nochme.de

Do's
- *Models of people*
- *Animal models (dog, cow, horse, etc.)*
- *Models of up to two people standing close together*
- *Models of humans and animals standing close together*
- *Models of people with objects (chair, sofa, bicycle, motorbike, etc.)*

Don'ts
- *No nudity (swimming trunks and bikinis are fine)*
- *No pornography*
- *No imagery that glorifies violence*
- *No Nazi symbols (swastikas, etc.)*
- *No copyright-protected models*

***Important:** Only use images that you are authorised to use! Before uploading, e., obtain the consent of the person depicted in the photo or their legal representative, and of the photographer. You will be asked to confirm this during the ordering process.*

3D Colour Printing for N Gauge

3D Master Figures, Themed Worlds and Vehicles for N Gauge

Made in Germany

3D print is evolving rapidly, and new technologies are opening up a wide range of possible uses for our lovely hobby.

The new NOCH 3D Master Figures and Vehicles are 3D printed and in colour!

Even the smallest details become visible with this fantastic technology. Whether checked shirts, striped blouses, spokes or colour grading and gradients, full-colour 3D printing makes it possible.



N **35000** ***Fire Brigade***



N **35010** ***Police Officers***, *green uniform*



N **35011** ***Police Officers***, *blue uniform*



N **35040** ***Road Workers***



N **35050** ***Construction Workers***



N **35060** ***Warehousemen***



N **35080** ***Waste Collectors***



N **35100** ***Hunters and Lumberjacks***



N **35105** ***Forest Workers***



N **35200** *Railway Officials*



N **35210** *Engine Drivers Steam Locomotive*



N **35215** *Engine Drivers Electric Locomotive*



N **35250** *Shunters*



N **35255** *Track Construction Team*



N **35300** *Passengers*



N **35310** *Passengers*



N **35315** *Business Travellers*



N **35320** *Sitting Passengers*



N **35400** *Sitting People*



N **35440** *Wedding*



N **35445** *Mothers with Children*



N **35450** *Ladies of the Night*



N **35600** *Farmers*



N **35705** *Animals on the Farm*



N **35730** *Forest Animals*



N **35740** *Sheep and Shepherd*



N **35760** *Dogs*



N **35800** *Bathers*



N **35805** *Nudists*



N **35820** Mountain Hikers with Cross



N **35822** Mountaineers



N **35825** Hikers



N **35830** Cyclists



N **35833** Bicycle Racers



N **35834** Mountainbikers



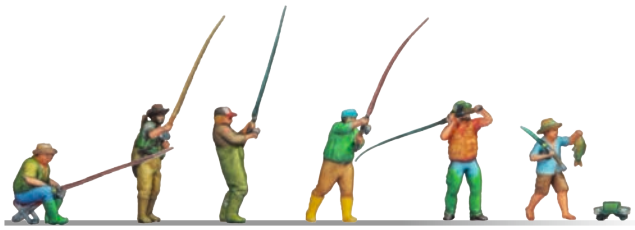
N **35835** Scooter Riders



N **35837** Motorbike Riders



N **35838** Motorbikes



N **35840** Anglers

A Highlight for N Gauge Modellers: Themed Sets in 3D Colour Printing

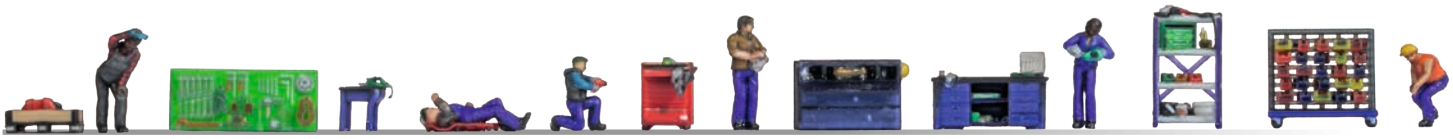
3D Master Themed Figures Sets for N Gauge



N **35900** ***Themed Figures Set 'Rail Depot'***
Contents: 6 figures, 4 mobile jacks, 1 shelf with oil drums, 1 oil drum with pump, 1 tool trolley



N **35901** ***Themed Figures Set 'Track Construction'***
Contents: 6 workers, including 1 worker with a universal electric screwdriver, 4 sleepers, 2 cable drums, 2 oil drums, 1 stepladder, 1 safety siren, 1 crucible of thermite welding



N **35902** ***Themed Figures Set 'Workshop'***
Contents: 6 figures, 1 stacking plate with tools, 1 tool wall, 1 workbench, 1 desk, 1 shelf, 1 organiser, 1 tool trolley, 1 locker



N **35903** ***Themed Figures Set 'Carpentry'***
Contents: 6 figures, 2 workbenches, 4 woodworking machines



N **35904** ***Themed Figures Set 'Metal Processing'***
Contents: 6 figures, 1 workbench, 1 screw clamp and anvil, 4 metalworking machines



N **35905** ***Themed Figures Set 'Warehouse'***
Contents: 6 figures, various goods on pallets, barrels and gas cylinders

The two 3D Master Figures Sets shown here are a perfect match for the 3D Master Themed Worlds shown above.



N **35050** ***Construction Workers***



N **35060** ***Warehousemen***

We Bring N Gauge Roads to Life!

3D Master Vehicles N Gauge



N **37602** ***Opel Corsa A***
white, 3D Master



N **37604** ***VW T2***
orange, 3D Master



N **37605** ***VW Beetle***
yellow, 3D Master



N **37606** ***Porsche 911***
orange, 3D Master



N **37607** ***Mercedes-Benz W201/190***
black, 3D Master



N **37608** ***Porsche P133***
red, 3D Master



N **37609** ***Tractor McCormick D***
green, 3D Master



N **37612** ***VW Golf 1 Cabriolet***
turquoise, 3D Master

Colour 3D Print – That's Never Happened Before!

3D Master Figures for Z Gauge

Made in Germany

3D print is evolving rapidly, and new technologies are opening up a wide range of possible uses for our lovely hobby.
The new NOCH 3D Master Figures are 3D printed and in colour! Even the smallest details become visible with this fantastic technology. Whether checked shirts, striped blouses or colour grading and gradients, full-colour 3D printing makes it possible.



Z **44010** ***Police Officers***, *green uniform*



Z **44040** ***Road Workers***



Z **44080** ***Waste Collectors***



Z **44445** ***Mothers with Children***



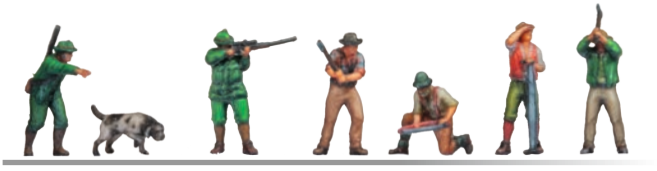
Z **44500** ***Fire Brigade***



Z **44501** ***Construction Workers***



Z **44502** ***Warehousemen***



Z **44503** ***Hunters and Lumberjacks***



Z **44504** Farmers



Z **44510** Railway Officials



Z **44511** Shunters



Z **44520** Passengers



Z **44521** Sitting People



Z **44522** Passengers



Z **44530** Bathers



Z **44531** Mountain Hikers with Cross



Z **44532** Cyclists



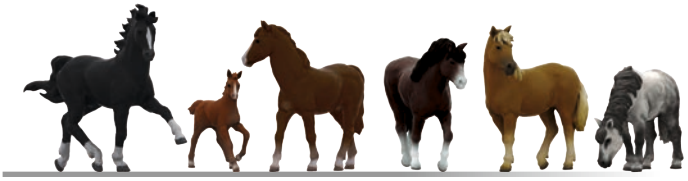
Z **44533** Anglers



Z **44540** Cows



Z **44541** Deer



Z **44542** *Horses*



Z **44543** *Forest Animals*



Z **44544** *Sheep and Shepherd*



Z **44705** *Animals on the Farm*



Z **44822** *Mountaineers*



Z **44833** *Bicycle Racers*



Z **44834** *Mountainbikers*



Z **44835** *Scooter Riders*



Z **44837** *Motorbike Riders*



Z **44838** *Motorbikes*

3D Colour Printing for Z-Gauge Roads

3D Master Vehicles for Z Gauge



Z **44601** ***Trabant 601***
2 pieces: blue and green



Z **44602** ***Opel Corsa A***
2 pieces: red and white



Z **44603** ***Citroën GSA***
2 pieces: blue and grey



Z **44604** ***Volkswagen T2***
2 pieces: green and orange



Z **44608** ***Porsche P133***
2 pieces: red and green, 3D Master



Z **44612** ***VW Golf 1 Cabriolet***
2 pieces: turquoise and blue, 3D Master



Z **44630** ***Fire Engine Mercedes-Benz Sprinter***
red, 3D Master



Z **44650** ***Mini Excavator Bobcat E10z***
2 pieces: yellow and white, 3D Master



Z **44605** ***Volkswagen Beetle***
2 pieces: blue and yellow



Z **44606** ***Porsche 911***
2 pieces: orange and white



Z **44607** ***Mercedes-Benz W201/190***, *2 pieces: beige and black*



Z **44609** ***Tractor McCormick D***, *2 pieces: red and green*

Attractive and cost-effectively!

Figures XL Sets

The extremely popular Figures XL Sets are finally available again. The practical sets each contain at least 18 elaborately handpainted individual figures, matching a theme. You can choose from eight interesting themes.





HO **16106** ***XL Set 'Passengers'****, 18 figures*



HO **16111** ***XL Set 'At Work',*** *18 figures*

1 G 0 HO TT N Z

Best Value!



HO **16122** ***XL Set 'At the Station'***, *18 figures*



HO **16125** ***XL Set 'In the City'*** *(without bench), 19 figures*



HO **16131** ***XL Set 'Sitting People'*** *(without benches), 18 figures*



HO **16140** ***XL Set 'In the Mountains'***, *18 figures*



HO **16162** ***XL Set 'Sheep and Shepherd'***, *37 figures*



HO **16164** ***XL Set 'Black & White Cows'***, *21 figures*

Join the Hustle and Bustle!

Mega Economy Figures Sets

It has never been easier nor more favourable to breathe life into your model scenes. Each set contains 60 elaborately hand-painted sitting or standing figures. The figures lend themselves perfectly to the brightening up of railway station or city scenes.

60 Figures at amazing prices!





HO **16070** ***Mega Economy Figures Set***
60 Figures, without benches

TT **46070** ***Mega Economy Figures Set***
60 Figures, without benches

N **37070** ***Mega Economy Figures Set***
60 Figures, without benches



H0 **16071** ***Mega Economy Set 'Sitting People'***
60 Figures, without benches

TT **46071** ***Mega Economy Set 'Sitting People'***
60 Figures, without benches

N **37071** ***Mega Economy Set 'Sitting People'***
60 Figures, without benches



H0 **16072** ***Mega Economy Set 'Sitting Passengers'***
60 figures, without legs, without benches)



Populate Your Model World!

Mega Economy Figures Sets

Best Value!

With the Mega Economy Figures Sets, you can bring train platforms, cities, carriages and the landscape to life for a favourable price. Create your own little world with lovingly hand-painted figures – there's no limit to your imagination.



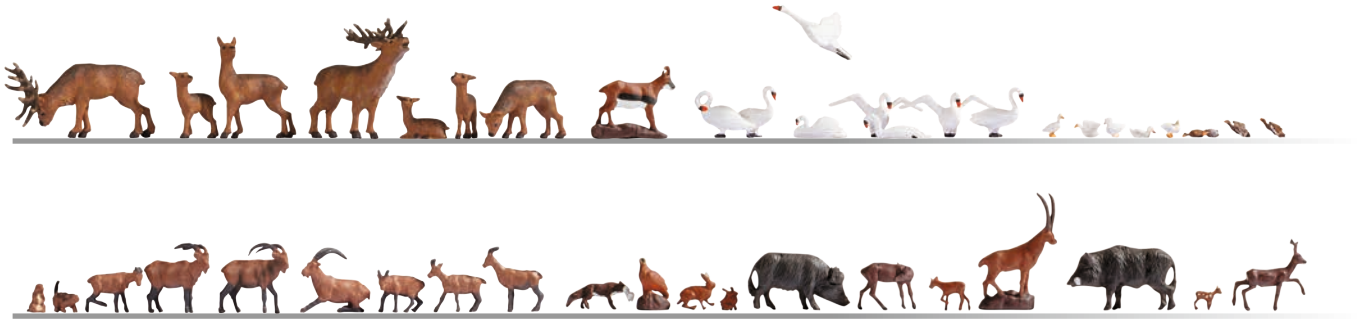
HO **16050** ***Mega Economy Set 'Passengers'***
30 Figures, without Legs, without benches



HO **16051** ***Mega Economy Set 'At the Station'***
30 Figures



HO **16052** ***Mega Economy Set 'At Work'***
29 Figures



HO **16053** ***Mega Economy Set 'Wild Animals'***
45 Figures



HO **16054** ***Mega Economy Set 'People Standing and Walking'***
30 Figures



HO **16055** ***Mega Economy Set 'In the Mountains'***
31 Figures + Accessories

1 G 0 HO TT N Z

Hobby Figures Mega Economy Sets

Particularly affordable because simpler painted

It doesn't get more economic than this! Each Hobby Figures Mega Economy Set contains 60 hand-painted figures. The painting of the Hobby Figures is less detailed compared to the normal NOCH Figures. These particularly economical figures are perfect for designing village or city squares.



H0 **18402** ***Mega Economy Set 'Sitting People'***
60 Figures, without benches

TT **47402** ***Mega Economy Set 'Sitting People'***
60 Figures, without benches

N **38402** ***Mega Economy Set 'Sitting People'***
60 Figures, without benches





H0 **18401** ***Mega Economy Figures Set***
60 Figures, without benches

TT **47401** ***Mega Economy Figures Set***
60 Figures, without benches

N **38401** ***Mega Economy Figures Set***
60 Figures, without benches

Let's Make Some Sound!

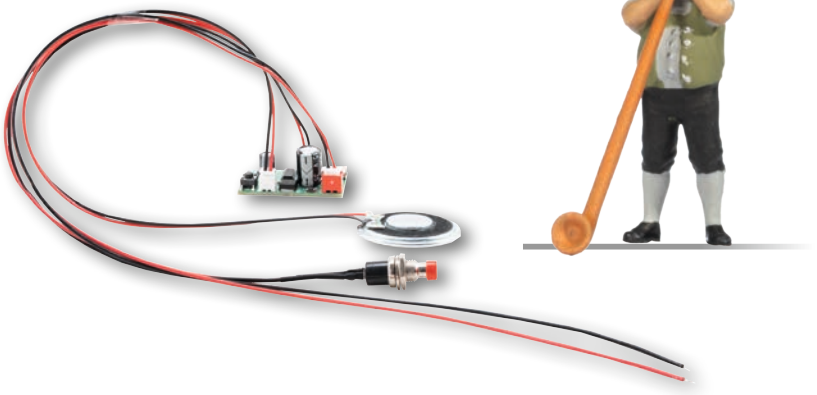
Sound Scenes 2.0

Making something good even better? That's right up our alley! The popular NOCH Sound Scenes have been extensively revised and are now available with improved sound quality and new sounds. We have also designed matching, highly detailed figures that are available exclusively in combination with Sound Scenes 2.0.

All Sound Scenes 2.0 are ready to connect. The sound is triggered by pressing the button. You can choose between simple playback or continuous loop. The volume can be adjusted using the button on the circuit board. The connection is made to a 16 V model railway transformer, direct or alternating current.

Highlights:

- *Improved speaker quality*
- *Button included*
- *2 playback modes (single play and continuous loop)*
- *Adjustable volume*
- *Exclusive figures*
- *Hand-painted and highly detailed*



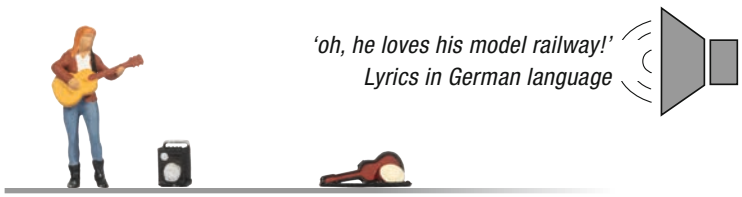


Two alphorn players meet for a duet, and we can't get enough of their impressive instruments. The beautiful music cuts a fine figure in any mountain landscape and invites you to dream …



H0 ***12822 Sound Scene 2.0 'Alphorn Players'***

N ***12922 Sound Scene 2.0 'Alphorn Players'***



Nora Weichenherz hopes that a few euros will jingle in her guitar case. To soften the hearts of passers-by, she sings about her fate. She was in love. But him? He didn't have eyes for Nora, but for his model railway... Heartbreak and smiles are guaranteed with this sound scene!



H0 ***12823 Sound Scene 2.0 'Street Music'***

N ***12923 Sound Scene 2.0 'Street Music'***





'Watch out, tree falling!' echoes through the forest. Before that, the chainsaw roars realistically several times. If you want to set up the matching tree next to the two figures, NOCH offers the micro-motion Falling Tree 'Fir Tree' (ref. 21775), which falls over at the push of a button.

H0 **12845** **Sound Scene 2.0 'Felling Trees'**

N **12945** **Sound Scene 2.0 'Felling Trees'**



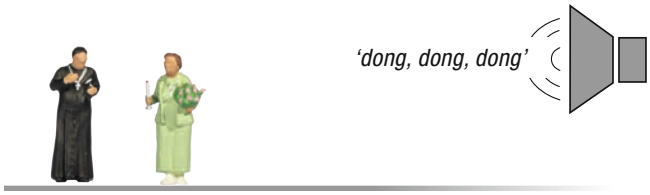


The sound of cowbells was recorded by the boss himself during a mountain hike, despite his considerable fear of cattle! But that's no use, because we don't want to deprive you of these beautiful sounds for your model landscape. Also featured: the three 'Allgäu beauties' Alma, Betty and Kati!

H0 **12858** **Sound Scene 2.0 'Cow Bells'**

N **12958** **Sound Scene 2.0 'Cow Bells'**



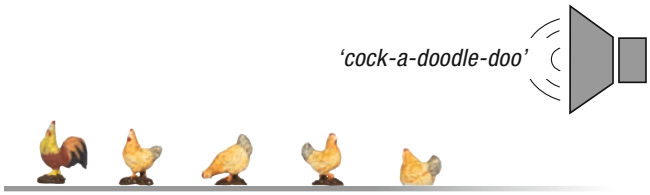


Now it's striking thirteen! This sound was recorded in front of a real church and is perfect for small chapels or village churches. It adds the finishing touch to your little idyllic world, because the bells ring (almost) like the real thing!

H0 **12862** **Sound Scene 2.0 'Church Bells'**

N **12962** **Sound Scene 2.0 'Church Bells'**





Relaxed scratching, pecking and clucking – that's how we imagine a peaceful morning in the countryside. At least until the 'animal alarm clock' rings: our rooster crows at the top of his voice! This sound scene is ideal for creating a farm in the countryside or even a small chicken farm in the middle of the urban jungle.

H0 **12865** **Sound Scene 2.0 'Chicken and Rooster'**

N **12965** **Sound Scene 2.0 'Chicken and Rooster'**



For the Perfect Decoration

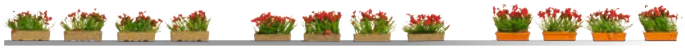
Ornamental Plants

The elaborately hand-crafted ornamental plants are lovely decorative objects for parks, buildings, pedestrian zones, gardens and much more.





H0 **14009** ***Flower Boxes, blooming, red, white and yellow***
12 Flower Boxes



H0 **14010** ***Flower Boxes, blooming, red***
12 Flower Boxes

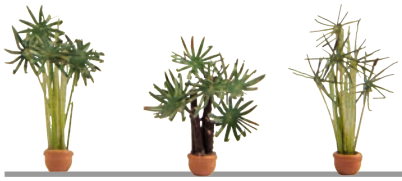


H0 **14012** ***Ornamental Plants in Pots***
9 flower Pots

N **14080** ***Ornamental Plants in Pots***
(illustration similar) 9 flower Pots



H0 **14020** ***Ornamental Plants in Tubs***
3 flower Pots



H0 **14024** ***Palms***
3 pieces



H0 **14031** ***Flowers in Pots***
9 flower Pots

N **14084** ***Flowers in Pots***
9 flower Pots



N **14082** ***Ornamental Plants in Tubs***
9 flower Tubs

1 G 0 H0 TT N Z

Gardening can be so easy!

Deco Minis

Deco Minis are prefabricated small vegetable plots at the size of 3 cm x 6 cm equipped with different plants. The Deco Minis are simply removed from their packaging and glued onto the model landscape.



H0 **13215** **Tomato Plants**
6 plants, 3 cm x 6 cm



H0 **13216** **Cauliflower**
16 plants, 3 cm x 6 cm



H0 **13219** **Pumpkin**
8 plants, 3 cm x 6 cm



H0 **13223** **Rose Bed**
12 plants, 3 cm x 6 cm

Hand-Painted Fences

Super realistic!

With seven different replicas of wooden fences, you will find a nice selection of hand-painted NOCH fences. Thanks to their elaborate painting, the models look as detailed as the originals! You can put into effect a wide variety of fence shapes with these elements, which can be combined in multiple ways.

Depending on the type of fence, you can find straight pieces, garden gates, crumbled fence parts and much more. Some of the most beautiful fence models that we have are also available for fans of TT and N gauges.





H0 **13010** ***Field Fence***
18 pieces, 1.2 cm high
in total approx. 100 cm long

N **33010** ***Field Fence***
18 pieces, 0.7 cm high
in total approx. 58 cm long





H0 **13015** ***Rail Fencing***
18 pieces, 1.4 cm high
in total approx. 97 cm long





H0 **13030** ***Field Fence***
12 pieces, 1.3 cm high
in total approx. 100 cm long

TT **43030** ***Field Fence***
12 pieces, 0.9 cm high
in total approx. 80 cm long

N **33030** ***Field Fence***
12 pieces, 0.7 cm high
in total approx. 60 cm long





H0 **13040** ***Field Fence***
13 pieces, 1.3 cm high
in total approx. 100 cm long





H0 **13060** ***Abandoned Fence***
24 pieces, 1.6 cm high
in total approx. 91 cm long





H0 **13070** ***Garden Fence***
22 pieces, 1.2 cm high
in total approx. 91 cm long

TT **43070** ***Garden Fence***
22 pieces, 0.9 cm high
in total approx. 71 cm long

N **33070** ***Garden Fence***
22 pieces, 0.7 cm high
in total approx. 55 cm long





H0 **13080** ***Garden Fence***
18 pieces, 1.3 cm high
in total approx. 97 cm long

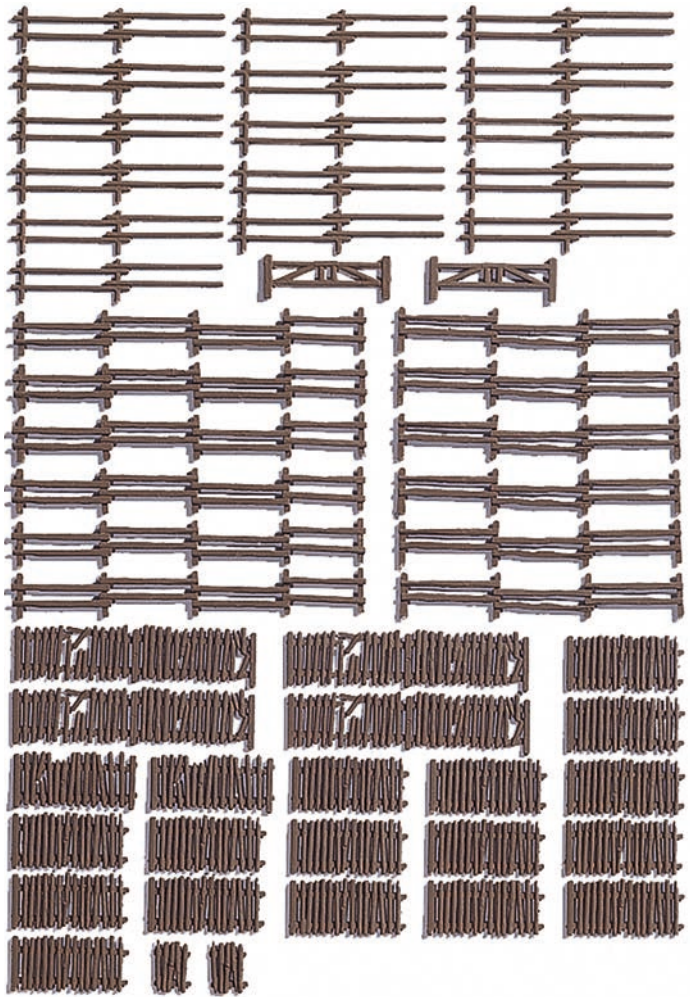


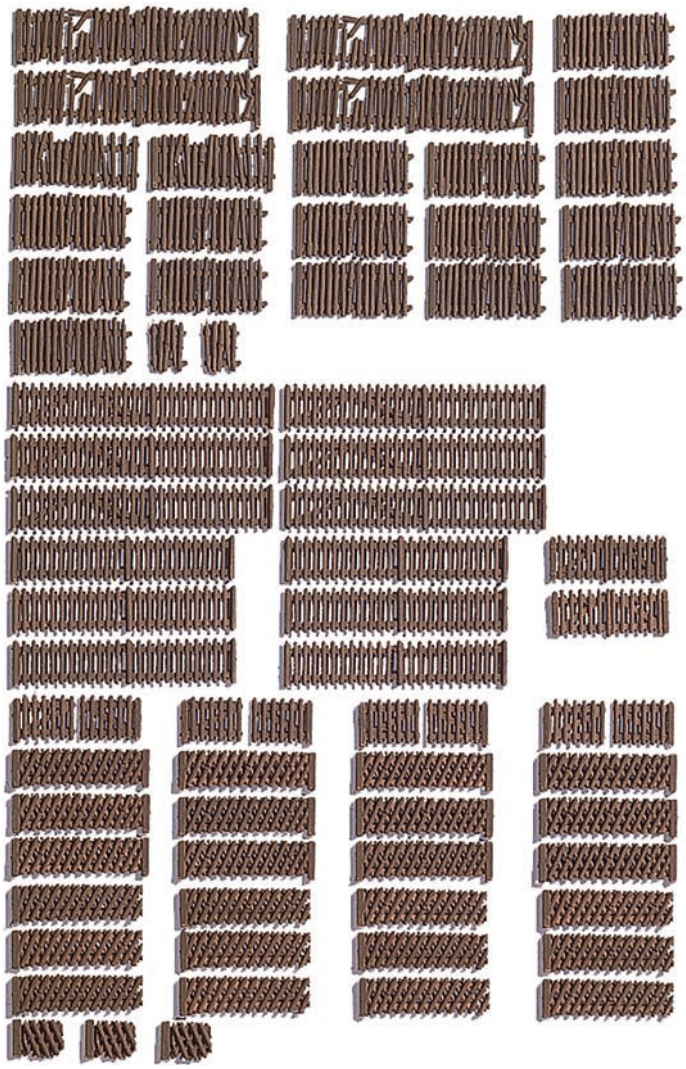
Fences Economy Packs

Best value!

The popular, high-quality NOCH Fences are also available unpainted in the cost-effective economy packs. Each H0 set contains fences with a total length of over 250 cm (TT set over 200 cm; N set over 150 cm). Equipping your model railway with realistic-looking model fences has never been so economic!







H0 **13095** **Country Fences**

TT **43095** **Country Fences**

N **33095** **Country Fences**

H0 **13096** **Garden Fences**

TT **43096** **Garden Fences**

N **33096** **Garden Fences**

Fences Economy Packs			
Ref.	**Description**	**Contents**	**Gauge**
13095	Country Fences	53 sections; total length approx. 290 cm	H0
43095	Country Fences	53 sections; total length approx. 220 cm	TT
33095	Country Fences	53 sections; total length approx. 170 cm	N

Fences Economy Packs			
Ref.	**Description**	**Contents**	**Gauge**
13096	Garden Fences	72 sections; total length approx. 270 cm	H0
43096	Garden Fences	72 sections; total length approx. 200 cm	TT
33096	Garden Fences	72 sections; total length approx. 150 cm	N



It's All about Choosing the Right Colour – Here's How to Create a Realistic Piece of Nature

Paints, Glues and Tools play an important role in modelling in general, and landscaping in particular. You can realistically age models and colour landscapes with paints of the NOCH range.

You will surely find the right product for every application in our large selection of glues.

G 1 0 HO TT N Z



Paints, Glues and Tools

Paints – from page 388
- *Ideal for ageing: Rust Paint*
- *For colouring water bodies: Waters Colour Set*
- *For painting landscapes: Natural Paints Set and Landscaping Paints*
- *Patina Markers and Detail Markers: adhere to almost all surfaces, such as wood, cardboard, plaster, plastic, etc.*

Glues – from page 392
- *Here, you will find the optimal solution for every application*

Tools – from page 394

Growing Old Gracefully!

Rust Paint

NOCH Rust Paint gives all models – irrespective of the material – a rusty appearance in next to no time. Its usage is incredibly simple. Spray the product with NOCH Spray & Fix Adhesive (ref. 61152), then apply the extra fine iron base and oxidation medium. Chemistry takes care of the rest: after one to two hours, the treated material is already covered by a rusty surface, which is finally sealed by spraying it once more with Spray & Fix Adhesive.





61162 ***Rust Paint***
10 ml oxidation medium
20 ml iron base extra fine



Waters Colour Set

The Waters Colour Set offers five ready-to-apply paints that are perfectly matched to the intended purpose. The set contains five realistic basic colours of 30 ml each: dark blue, ultramarine, turquoise, mud brown and white. Thanks to the dosing tips on the little bottles, the paints can be dispensed precisely.
So, you're sure to find the correct shade. It doesn't matter whether you're designing a mountain lake, a pond in the forest, a beach, or even a lagoon by the sea. The paints can be mixed with NOCH Acrylic Paints, adhere to wood, plaster, cardboard, NOCH Hard Foam and dry in a realistic matt effect. They are heat-resistant when dry. Therefore, they can also be combined with NOCH Water-Drops®.



60878 ***Waters Colour Set***
Contents: 30 ml each of
ready-to-apply paints
dark blue, ultramarine, turquoise
mud brown and white





61200 ***Nature Paints Set***
6 colour concentrates
each 20 ml
1 mixing cup
1 sponge spatula

Nature Paints Set

NOCH Nature Paints are perfectly matched to the earthy and natural shades of rocks. The Nature Paints Set contains 20 ml of highly-concentrated paint in each of the six different shades: beige, ochre, olive, earth brown, grey and black. The paints are diluted with water before use and applied with the enclosed sponge spatula or the Landscaping Spray Bottle (ref. 61140). This allows you to add nuanced shades to your rocks or paint your ground before flocking.

Tip: *You'll find a wide selection of acrylic paints, oil paints, colour pigments, themed colour sets, washes and brushes in the AMMO chapter from page 428 onwards in this catalogue.*

Landscaping Paints

With our small but excellent selection of landscaping paints, you can achieve a realistic colour scheme for your model landscape. The matt paints are recommended for adding colour to walls, portals, rocks and mountains, or for priming the ground before flocking.

The high-quality matt Acrylic Paints are suitable for use on all materials – including polystyrene. The paints are weatherproof, quick-drying and provide good coverage.

Acrylic Paints, matt			***Characteristics***
Ref.	***Colour***	***Vol.***	• *High-quality matt acrylic paints* • *In realistic landscape shades* • *Water-based* • *Can be diluted with water* • *Can be mixed with each other* • *Suitable for all materials – including polystyrene* • *Suitable for indoor and outdoor use, weatherproof*
61191	*ivory*	*90 ml*	
61192	*ochre*	*90 ml*	
61194	*light green*	*90 ml*	
61196	*grey*	*90 ml*	



ivory ***ochre***



light green ***grey***





Touch-up Painting has Never Been So Easy!

Patina Markers

Patina Markers make touch-up painting of model buildings and landscapes a pleasure. The ingenious markers have two distinct tips: one soft brush tip that adapts to the structure and one broad tip for dealing with surfaces.

Easy to apply!

Product Highlights:

- *The paint adheres to almost any surface, such as wood, cardboard, plaster, plastic, etc.*
- *Perfectly matching colours for a lifelike colour result*
- *Two tips for fine and extensive application of the paints*
- *A little goes a long way*



Patina Markers for Models

The pens are ideal for ageing and colouring plastic models (buildings, bridges, carriages, vehicles, etc.) or laser-cut buildings. The result of the colour weathering is extremely realistic thanks to the perfectly matching colours. The amount of paint can be measured out precisely due to the ingenious construction of the two tips.







61158 ***Patina Markers for Models***
Contents: 6 Markers

Leaf Green	Warm Gray	Navy Blue	Dark Brown	Yellow Ochre	Stone

G 1 0 HO TT N Z



Paint on Details Quickly and Easily!

Detail Markers

In modelling, there's an array of details that can be enhanced with very little colour. Sometimes, though, it's not 'worthwhile' to open a paint tin specially for that purpose, stir the paint and clean the paintbrush, etc. NOCH has developed the Detail Markers so that you can quickly paint on details in future without all this hassle. The water-based acrylic paint sticks to many surfaces, such as metal, plastic, wood, paper, glass, ceramics and much more. All colours dry to a realistic matt finish. The pen tip is approx. 2 mm wide.
It is also very easy to use: shake the pen briefly before use, remove the lid, paint on the detail, close the pen and set it aside.

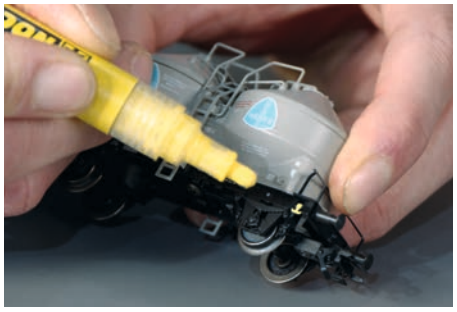
Application Examples:
- *Black: tyres, window and door frames, metal constructions …*
- *White: telegraph pole insulators, lane markings …*
- *Red: barriers, warning beacons …*
- *Yellow: lashing hooks or capstan hooks on freight wagons, temporary road markings …*
- *Silver: wheel rims, door handles, metal parts …*
- *Brown: rust, e.g. on rail profiles and tracks, wood …*



61155 ***Detail Markers***
Contents: 6 Markers, each 1 Marker
black, white, silver, yellow, red, brown







Holding it Together – NOCH Adhesives for any Situation!

- ***Landscaping Spray Glue:*** *all-rounder for adding foliage and flocking*
- ***Spray & Fix Adhesive:*** *for fixing, sealing and leaving a matt finish*
- ***Grass Glue:*** *for electrostatic flocking with grass fibres*
- ***Scenery Glue:*** *for hard foam, wood, paper or polystyrene*
- ***Snow Glue:*** *for electrostatic flocking with snowflakes*
- ***Ballast Glue:*** *for ballast, stones and gravel*
- ***Spray Glue 'Haftfix':*** *universal adhesive for modelling and household purposes*
- ***Latex Adhesive:*** *for cork, wood, rubber, felt or cardboard*
- ***Laser-Cut Adhesive:*** *for Laser-Cut Kits*

Landscaping Spray Bottle & Landscaping Spray Glue

Landsaping Spray Glue is a real all-rounder as it is very versatile.
Usage 1, 'glueing': *to apply foliage to bushes, trees and shrubs, the tree structure is moistened with the Spray Glue and then leaves, flock or structured flock are sprinkled on. Once dry, the tree is once more sprayed with Spray Glue to fix the foliage.*
Usage 2, 'fixing': *loosely apply the material to be fixed (gravel, ballast, flock, etc.) and then spray it on with Landscaping Spray Glue. Once dry, additional layers can be scattered over the object and fixed on to achieve more volume.*

Usage 3, 'sealing': *spray the Landscaping Spray Glue onto the prepared object (e.g. flocked trees, bushes or ready-made vegetation). This increases their durability and stability. The Spray Glue is premixed and is transparent when dry. The Landscaping Spray Bottle spray head fits onto the Spray Glue Bottle.*



61140 ***Landscaping Spray Bottle, empty***

61141 ***Landscaping Spray Glue***
250 g, premixed and ready to spray, with spray head

Spray & Fix Adhesive

NOCH Spray & Fix Adhesive is a real all-rounder:
leaving a matt finish, fixing and sealing – these are this innovative product's strengths.
Leave a matt finish *on shiny plastic surfaces.*
Fix *flocking, foliage and other flocking material after applying a thin layer of Spray & Fix Adhesive on the model landscape.*
Seal *painted or weathered surfaces. In addition, the Spray & Fix Adhesive is an ideal assistant when weathering models.*

How to weather models:
- *First, spray a thin layer of Spray & Fix Adhesive onto the object.*
- *Then apply NOCH Rust Paint (ref. 61162).*
- *Finally, fix the Rust Paint by applying another thin layer of Spray & Fix Adhesive.*



61152 ***Spray & Fix Adhesive***
200 ml

Temporary Glue

NOCH Temporary Glue allows you to optimally fix small parts onto your landscape – and take them off again!
NOCH Temporary Glue is water-soluble, dries out transparent and leaves no residue on the surface. That's why it is ideal for affixing figures, cars, houses and many more.



61121 ***Temporary Glue***
30 g



Paste the Temporary Glue on the figure and briefly allow to dry.



When the glue is transparent, stick the figure onto the desired spot.



For a 'change of scene', simply take the figure off…



…and place it on another spot again.

Grass Glue

NOCH Grass Glue was specially developed for electrostatic flocking. In comparison to normal white glue, its surface tension is low and it binds more slowly.
Advantages: *NOCH Grass Glue dries slower than conventional glue, giving you more time to flock a surface.*



Best value!

61130 ***Grass Glue***
250 g

61131 ***Grass Glue XL***
750 g

Scenery Glue

The all-purpose Scenery Glue is the ideal companion to all handicrafts. It quickly and securely glues wood, paper, polystyrene, hard foam (polyurethane) and plastics. It is therefore ideal for sticking on model buildings, trees, portals and walls, and for connecting various craft materials. The water-based Scenery Glue comes in a practical bottle with a needle tip and is binding within approx. two hours.



61133 ***Scenery Glue***
127 g

Snow Glue

NOCH Snow Glue is perfect for applying NOCH Snowflakes (ref. 08760).
Advantages: *dries white, eliminating the need to prime the substrate before applying snow.*



61138 ***Snow Glue***
250 g

Ballast Glue

The Ballast Glue is ideal for applying ballast. Thanks to the nozzle, you can also easily reach less accessible spots.
Usage: *spread the loose ballast between the sleepers and then drizzle on the Ballast Glue.*



61134 ***Ballast Glue***
130 g

Spray Glue 'Haftfix'

This all-purpose Spray Glue is suitable for all kinds of glueing work – for modelling as well as in the home.



61151 ***Spray Glue 'Haftfix'***
400 ml

Latex Adhesive

NOCH Latex Adhesive is a viscous glue paste with a wide range of applications. The milky-white glue emulsion can be applied directly from the dispenser bottle with a brush or putty knife onto cork, wood, rubber, felt, cardboard and textiles. The Latex Adhesive is ideal for glueing down NOCH Cork Track Beds.
The non-toxic adhesive is also suitable for glueing together rails and railway lines to ensure sound insulation.
The rail can be ballasted at the same time.



61135 ***Latex Adhesive***
125 g

Laser-Cut Adhesive

NOCH Laser-Cut Adhesive is perfect for building high-grade model Laser-Cut Kits. The adhesive is very easy to apply in exact doses thanks to its tip. Even the smallest of parts can therefore be stuck together cleanly. When glueing larger surfaces together, it is recommended that the adhesive is spread with a paintbrush. Its special formula ensures a strong, long-lasting bond.



61104 ***Laser-Cut Adhesive***
30 g

NOCH Superglue

Ideal for quick and permanent bonds. Perfect for bonding figures, laser-cut parts and many other materials. The adhesive dries very quickly and transparently, so that the bond is not visible. The resealable bottle ensures easy and economical dispensing. A reliable adhesive for hobbies, modelling and repairs – fast, clean and strong.



61106 ***Superglue***
Contents: 20 g



Finally: The Right Tool for Every Application!

NOCH Special Tool Set, 36 pieces

With the NOCH Special Tool Set, you always have everything you need to hand for your favourite hobby with your favourite brand.
The contents of the set have been compiled by the professional modellers at NOCH and are therefore ideal for processing the various NOCH handicraft articles. The set includes cutting tools such as sharp scalpels, the matching NOCH cutting mat, a metal ruler and a fine saw. A fine side cutter for plastic, various files and abrasives, a hand drill, tweezers, small bottles for colours, brushes, a NOCH pencil and lots of accessories round off the set.
The tools are quickly stowed away in the matching tool bag and are therefore always ready to hand for the next job!



60050 ***NOCH Special Tool Set, 36 pieces***

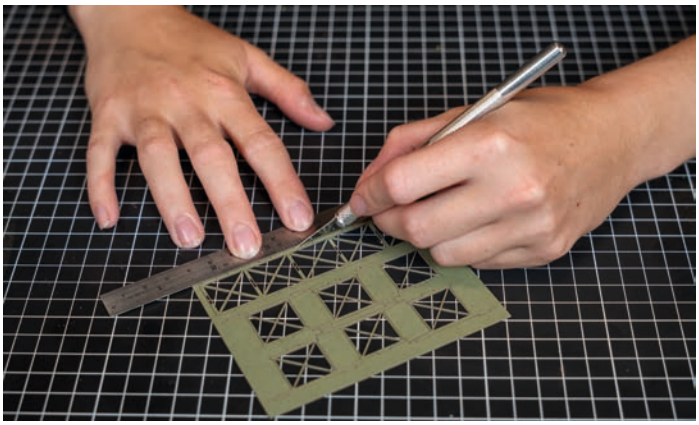
Contents:

- *1 cutting mat 220 mm x 150 mm, 2 mm thick*
- *1 metal ruler, 150 mm*
- *1 side cutter for plastic parts*
- *3 files*
- *1 double-sided modelling tool*
- *1 fine scalpel*
- *6 blades for scalpel*
- *3 flexi sanding pads 90 mm x 19 mm, 6 mm thick*
- *1 tool handle*
- *1 scalpel blade for tool handle*
- *1 fine saw blade for tool handle*
- *1 hand drill*
- *5 drill bits (1.0, 1.2, 1.4, 1.5 and 1.8 mm)*
- *1 pair of straight tweezers*
- *1 pair of curved tweezers*
- *3 resealable bottles, 10 ml*
- *3 flat brushes, 6 mm*
- *1 pencil*
- *1 tool bag with zip fastener*

Contents:

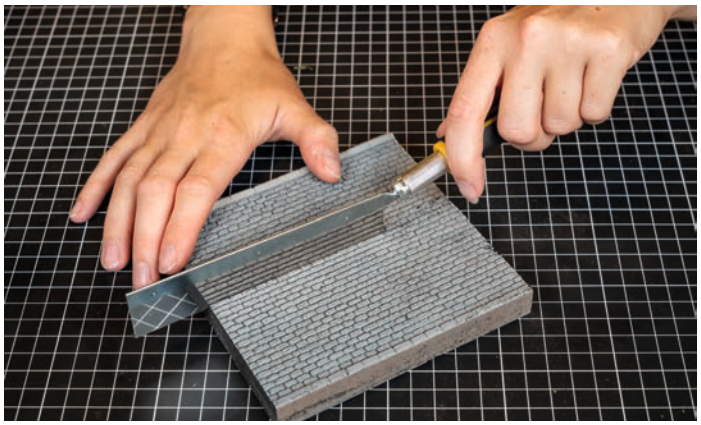


The Perfect Tool Set for many Applications Suitable for the NOCH Products!



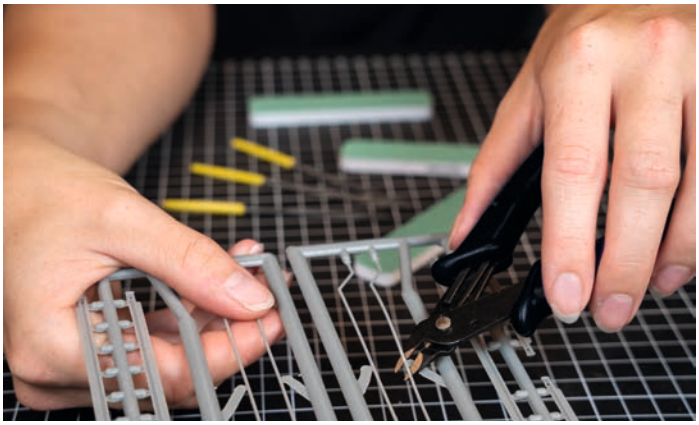
Laser-Cut

Using the scalpel, you can easily cut the components from the cardboard carrier along the metal ruler on the NOCH cutting mat. It also allows you to precisely cut transparent Film into matching windows.



Hard foam

The fine hand saw is ideal for cutting NOCH hard foam parts to size. Various files and abrasives are included in the set to smooth the cut surfaces.



Plastic modelling

The fine side cutter is suitable for cutting out plastic parts from moulded model kits. The burrs can then be removed or smoothed with the abrasives.



Planting trees

A classic in the NOCH range: the fir trees with planting pin. For even easier planting in future, use the small hand drill. With the five drill bits from 1.0 to 1.8 mm, you can also use the drill for fine work on models and buildings.



Planting grass tufts

The two tweezers not only make it easier for you to insert and attach fine parts to buildings and models, but they are also suitable for planting the popular NOCH grass tufts.



Storing and mixing paints

The three resealable bottles are ideal for mixing, diluting and storing individual paints. Also included: three simple brushes.

This Makes the Work Even Easier!

NOCH Tools

Discover NOCH's range of tools specially designed for model railway enthusiasts. Whether you need a precision scalpel with replacement blades, flexible sanding pads for perfectly deburred parts, practical pipettes and bottles for precisely dosed paint applications, and much more. Here you will find the tools you need for your creative model building projects.



60060 ***Softgrip Scalpel***
incl. blade
The scalpel has a non-slip softgrip handle. The sharp blade enables precise cuts, e.g. for cutting window film and removing laser-cut components.



60061 ***Spare Blades, 5 pieces***
for scalpel
Suitable for NOCH Softgrip Scalpel (ref. 60060).



60065 ***Modelling Scissors***
stainless steel
With these sturdy Modelling Scissors, you can cut NOCH Lake Film, Landscape Crepe Paper, Road Sheets and much more with precision. Not suitable for aluminium mesh.



60066 ***Modelling Fine Saw***
incl. 2 saw blades, coarse and fine
The fine saw can be used to cut hard foam parts, e.g. walls and portals, as well as wooden struts from the NOCH TERRA-FORM System. Includes one coarse and one fine saw blade.



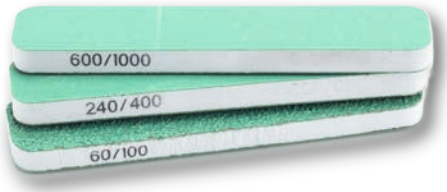
60067 ***Saw Blade, coarse***
for fine saw, 12.7 cm, 210 teeth
Coarse saw blade with 210 teeth. Ideal for cutting materials such as wood, plastic and hard foam to length.



60068 ***Blade, fine***
for hand saw, 12.7 cm, 270 teeth
Fine saw blade with 270 teeth. Ideal for making fine, precise cuts with fine edges in visible areas. Suitable for wood, plastic and hard foam.



60076 ***File Set, 6 pieces***
different shapes
The fine model files in various shapes are suitable for metal, plastic and wood. They can also be used to easily rework NOCH hard foam parts.



60079 ***Flexi Sanding Pad Set, 3 pieces (coarse, medium, fine)***
each 9 cm x 1.9 cm x 0.6 cm
The Flexi Sanding Pads are flexible and therefore adapt easily to the workpiece. They are washable with water and reusable. Each Flexi Sanding Pad has two different sides: coarse (60 and 100 grit) for removing material, medium (240 and 400) for sanding, and fine (600 and 1,000) for finishing and polishing.



60086 Modelling Side Cutter
The Modelling Side Cutter is suitable for plastic and fine wires. It can be used to easily separate plastic parts from a kit moulding and cut wires and cables to length.



60087 Flat-Nose Pliers with serrated edge
The Flat-Nose Pliers can be used to bend wires into shape.



60092 Precision Tweezers, straight
The Precision Tweezers can be used to attach small parts and position figures perfectly. The straight design makes it easy to pick up objects from above.



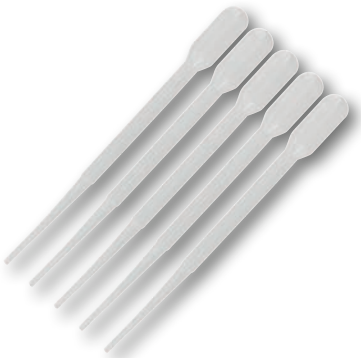
60093 Precision Tweezers, curved
The Precision Tweezers can be used to attach small parts and place tufts of grass perfectly in place. The curved design makes it easy to pick up objects from the side.



60099 Scriber, double-sided
The Scriber can be used to quickly and precisely draw marks in wood, plastic and soft metals. Unlike pencil marks, these marks cannot smudge and do not mix with the paint when painted over.



60100 Plastic Bottle with lid, 4 pieces
Volume: 17 ml
Ideal for mixing paints (e.g. from AMMO). The paint can be dripped directly from the bottle into an airbrush. Excess paint can be stored in the bottle thanks to the lid.



60101 Pipette, 5 pieces
Volume: 2 ml
The pipette can be used to pick up paints or adhesives (e.g. Ballast Glue) and then drip them into an airbrush, paint bottle or directly onto the material to be worked on.



60105 Nylon Clamp Set, 9 pieces
3 big, 6 small
The clamps are suitable for fixing parts, e.g. when two components of a kit are to be glued together.

How the Layouts are supplied

NOCH Preformed Layouts can be set up in a short amount of time without any specialised knowledge. The 'landscape', a preformed plastic model that is mounted on a sturdy wooden frame, is realistically designed, painted and flocked with grass. Tunnel portals and mounting holes on the sides are bored and tunnel bases cut to size.
Many Layouts are supplied with a complete bridge kit. Track plans are also included. You can also download them all from www.noch.com

How to assemble the Layouts

On our YouTube channel, you'll find lots of tips and tricks on the topic 'Preformed Layouts'. We've compiled all the relevant videos in a playlist for you. The track plans help to reflect how the rails of various model railway brands are laid out and to convey information about how electrical connections are made. To get the most true-to-life decoration possible for your layout, we have put together a list of special accessories for you.
Of course, you can also equip the layout according to your own taste.



The Easiest Way to Achieve Your Dream Layout

If you are dreaming of a model railway but have little time and space, or want to acquire the craftsmanship first, you do not have to miss out on having your own layout. NOCH offers a wide range of Preformed Layouts.

***Note:** various radii are installed on all NOCH Preformed Layouts. The smallest radius 1 is used in inner and outer circles, which can lead to problems when using longer trains and carriages. For example, it is possible that trains or carriages may scrape against bridge railings or tunnel portals. Please pay attention to the manufacturer's information regarding the minimum radius of your trains and waggons.*

G 1 0 HO TT N Z

The track plans of all current NOCH Preformed Layouts for download at www.noch.com



Preformed Layouts and Tunnels

Assembling a Preformed Layout – from page 400

Preformed Layouts H0 and TT Gauge – from page 402

Preformed Layouts N and Z Gauge – from page 410

Accessories – from page 414
• *Aluminium Frames, PROFI Foam Train Service Tray, Cable Ties*

Tunnels – from page 416

Assembling a Preformed Layout – Your Own Model Railway in 4 Steps!

Using the example of our 'Schönmühlen' layout (also see page 406), we show you how easily and quickly a NOCH Preformed Layout can be built. In just eight hours, a beautiful layout is created, which can be developed even more to your heart's content.

1

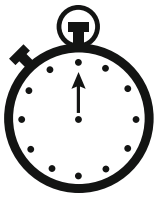


2



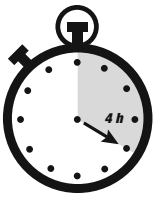
Step 1: off we go!

The Preformed Layout 'Schönmühlen' is ready for assembly. The tunnel bases and bridges are included, as well as detailed instructions.



Step 2: laying tracks.

First, the tunnel bases are glued onto the preformed landscape from underneath. Then, the bridges are assembled and installed. The layout is now ready for tracks to be laid and connected up. The fun times can begin once this step has been completed. Finally, the roads and squares are inserted (see page 120 onwards). Time required: approx. 4 hours.



5

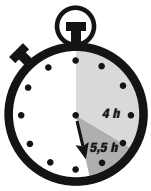


3



Step 3: glueing on houses.

Next, the buildings (see page 234 onwards) are stuck onto the layout and ballast (see page 72 onwards) is sprinkled over any remaining gaps.

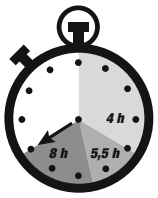


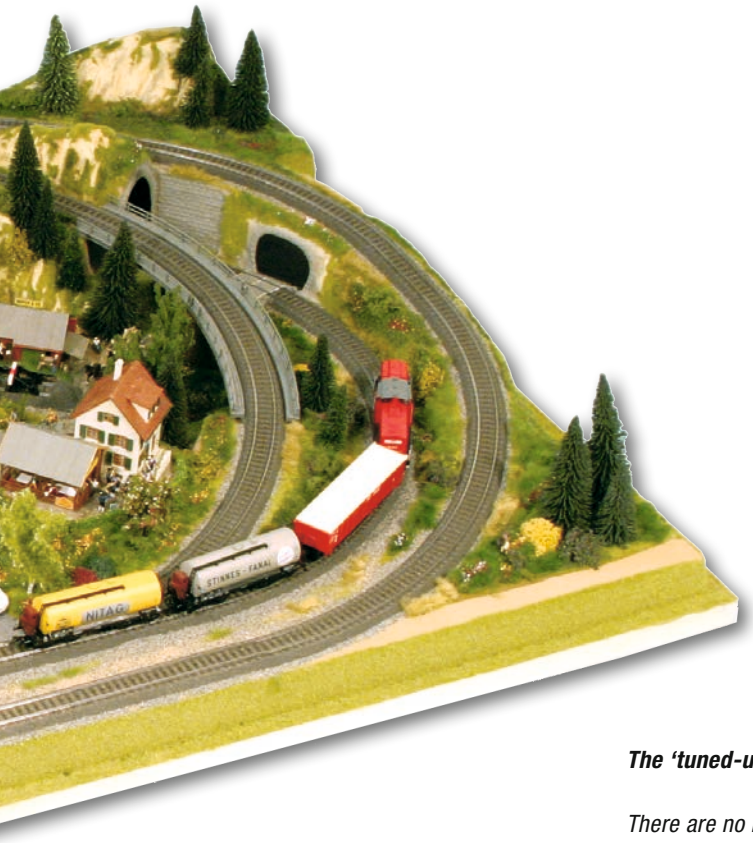
4



Step 4: adding plants & people.

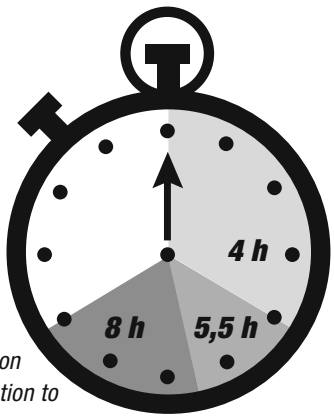
Trees and bushes (see page 182 onwards) and model railway figures, accessories and vehicles (see page 296 onwards) are now glued on.





The 'tuned-up' layout

There are no bounds to your imagination and creativity in adding further decoration to the layout, of course. Here, you can see an attractively designed 'Schönmühlen' preformed layout.





'Silvretta' Preformed Layout, built in track diagram H0 gauge

An Impressive Format!

'Silvretta' Preformed Layout

Full of exciting contrasts – that is how the exquisite area of Silvretta presents itself in real life. And the model version is in no way inferior! Just like the original, the NOCH Preformed Layout 'Silvretta' shows off an impressive mountainous landscape with the typical reservoirs and flowing brooks. Three independently driving trains, numerous bridges and tunnels, as well as stations with sufficient sidings, leave no railway modeller's wish unfulfilled.

Supplied:

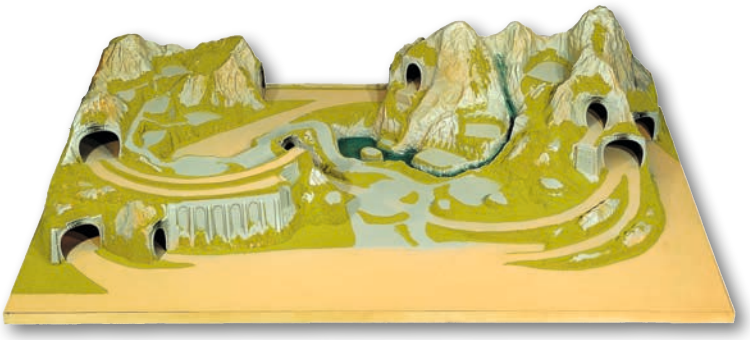
- *Basic layout hand-painted and electrostatically flocked (Scatter Grass 2.5 mm, shade summer meadow)*
- *Mounted on sturdy frame structure*
- *Built-in tunnel bases*
- *H0 bridge kit*
- *Track plans for all systems listed in the adjacent table (except TT gauge)*

62220 Aluminium Frame

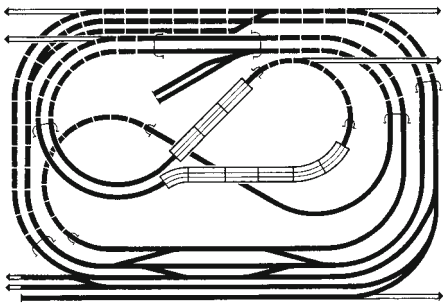
The Aluminium Frame (ref. 62220) is the ideal support system for the NOCH Preformed Layout 'Silvretta'. A detailed description of the system can be found on page 416.

'Silvretta' Preformed Layout
220 cm x 140 cm, approx. 52 cm high
H0 80100
3 railway circuits
Assembly in H0 gauge: *Märklin® metal / plastic / C track, Fleischmann Modell / Profi track, Roco geoLINE, TRIX C track*
Assembly in TT gauge: *Suitable for TT*





Supplied basic layout



Track diagram basic layout



'Mittenwald' Preformed Layout, built in track diagram H0 gauge

Fun with Trains at the Foothills of the Alps

'Mittenwald' Preformed Layout

Bestseller!

The Preformed Layout 'Mittenwald' is a top model in the NOCH range, which maintains its Alpine character through an impressive mountain mass on its right-hand side.

Supplied:

- *Basic layout hand-painted and electrostatically flocked (Scatter Grass 2.5 mm, shade summer meadow)*
- *Mounted on sturdy wooden frame*
- *Pre-cut tunnel bases*
- *H0 bridge kit*
- *Track plans for all systems listed in the table*

62200 ***Aluminium Frame***
200 cm x 100 cm + 20 cm (extendible up to 120 cm)
The ideal support system for the Preformed Layout 'Mittenwald'.
A detailed description of the system can be found on page 416.

TT ***48790*** ***Scale Replacement Portal***
single track, reduces the tunnel portal from H0 gauge to TT gauge
2 pieces, 14 cm x 10.5 cm

TT ***48800*** ***Scale Replacement Portal***
double track, reduces the tunnel portal from H0 gauge to TT gauge
2 pieces, 14 cm x 10.5 cm

For assembling in TT gauge, 4 x ref. 48790 and 1 x ref. 48800 are required.

Note: *please also pay attention to the information on pages 400.*

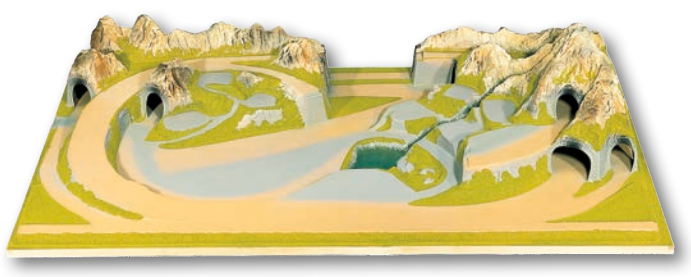
'Mittenwald' Preformed Layout
200 cm x 120 cm, approx. 41 cm high H0 TT ***81610***
2 railway circuits
Assembly in H0 gauge: *Märklin® metal / plastic / C track, Fleischmann Modell / Profi track, Piko A track, Roco Line, Roco geoLine, TRIX C track*
Assembly in TT gauge: *TT Model track*



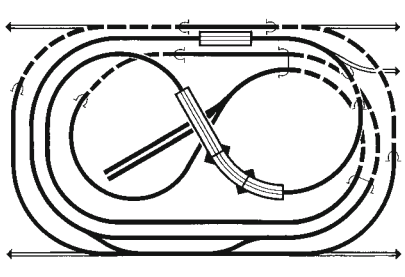








Supplied basic layout



H0 Track diagram basic layout



Our Medium-Sized Highlands Railway

'Schönmühlen' Preformed Layout

'Schönmühlen' is a popular medium-sized layout with an interesting route that leads over two bridges and through two tunnels. Its special charm derives from a lovely small town with a church, railway station and goods shed, as well as a small lake and a country road with an open level crossing. In addition, two railway circuits, a siding and a passing loop allow for a varied train drive.

Supplied:

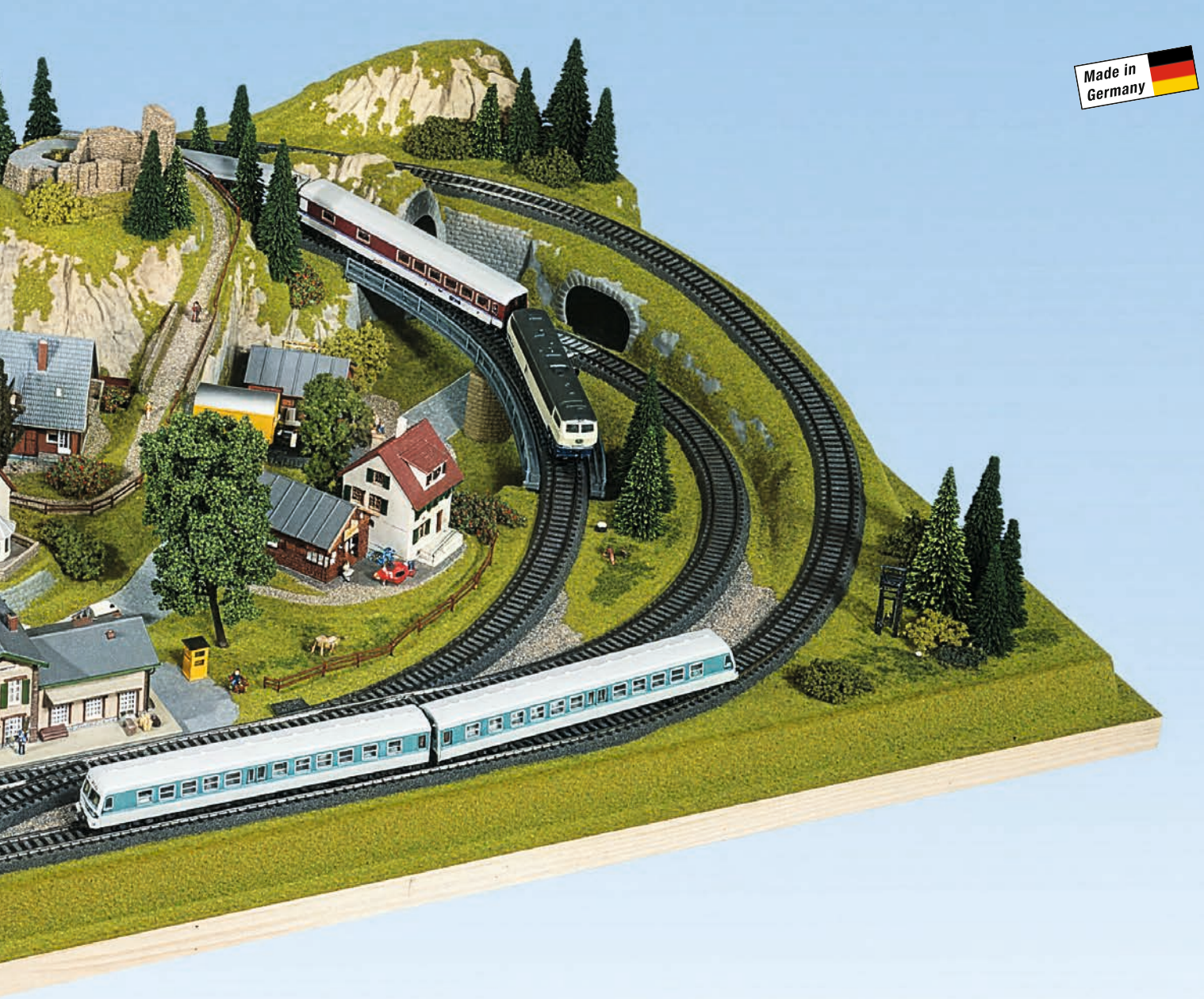
- *Basic layout hand-painted and electrostatically flocked (Scatter Grass 2.5 mm, shade summer meadow)*
- *Mounted on sturdy wooden frame*
- *Pre-cut tunnel bases*
- *H0 bridge kit*
- *Track plans for all systems listed in the table*

62160 ***Aluminium Frame***
160 cm x 100 cm + 20 cm (extendible up to 120 cm)
The ideal support system for the Preformed Layout 'Schönmühlen'.
A detailed description of the system can be found on page 416.

TT ***48790*** ***Scale Replacement Portal***
single track, reduces the tunnel portal from H0 gauge to TT gauge 2 pieces, 14 cm x 10.5 cm
Two sets are required for assembling in TT gauge.

Note: *please also pay attention to the information on pages 400.*

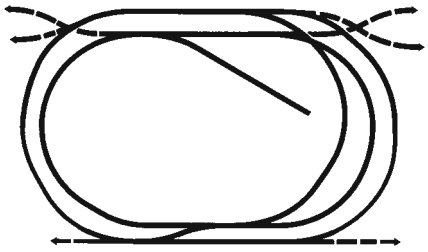
'Schönmühlen' Preformed Layout
160 cm x 100 cm, approx. 25 cm high **H0** **TT** ***81710***
2 railway circuits
Assembly in H0 gauge: *Märklin® metal / plastic / C track, Fleischmann Modell / Profi track, Piko A track, Roco Line, Roco geoLine, TRIX C track*
Assembly in TT gauge: *TT Model track*



'Mittenwald' Preformed Layout, built in track diagram H0 gauge



Supplied basic layout



H0 Track diagram basic layout



Train Ride Through Central Franconia

'Königsfeld' Preformed Layout

The Preformed Layout 'Königsfeld' presents an idyll in the best model railway format.
The interesting guided track runs through a central mountainous region with many tourist attractions: a small mediaeval town with a church, a castle atop a mountain, a flowing brook with a lake, an old brick station with goods sheds and, last but not least, a tunnel and pretty, curved bridge.
Two railway circuits and a siding make for an interesting train drive.

Supplied:
- *Basic layout hand-painted and electrostatically flocked (Scatter Grass 2.5 mm, shade summer meadow)*
- *Mounted on sturdy wooden frame*
- *Pre-cut tunnel bases*
- *H0 bridge kit*
- *Track plans for all systems listed in the table*

62160 ***Aluminium Frame***
160 cm x 100 cm + 20 cm (extendible up to 120 cm)
The ideal support system for the Preformed Layout 'Königsfeld'.
A detailed description of the system can be found on page 416.

TT ***48790*** ***Scale Replacement Portal***
single track, reduces the tunnel portal from H0 gauge to TT gauge 2 pieces 14 cm x 10.5 cm
One set is required for assembling in TT gauge.

Note: *please also pay attention to the information on pages 400.*
The BRAWA funicular railway pictured on the layout is no longer available.

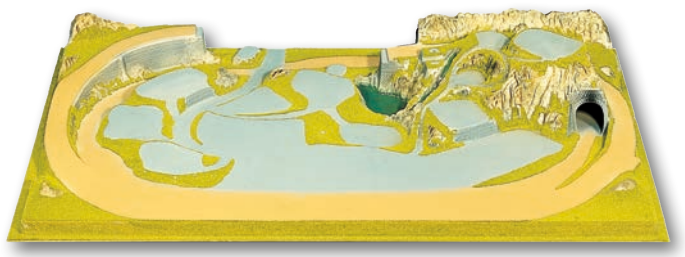
'Königsfeld' Preformed Layout
160 cm x 100 cm, approx. 24 cm high
H0 ***TT*** ***81580***
2 railway circuits
Assembly in H0 gauge: *Märklin® metal / plastic / C track, Fleischmann Modell / Profi track, Piko A track, Roco Line, Roco geoLine, TRIX C track*
Assembly in TT gauge: *TT Model track*



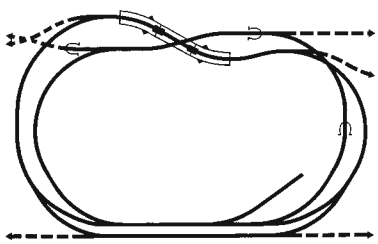
'Königsfeld' Preformed Layout, built in track diagram H0 gauge







Supplied basic layout



H0 Track diagram basic layout



'Baden-Baden' Preformed Layout, built in track diagram N gauge

Big Railway Station, Tall Bridges!

'Baden-Baden' Preformed Layout

'Baden-Baden' is a particularly attractive preformed layout with a lot of possibilities for operating trains, four railway circuits and seven sidings, and thus meets the demands of technically-advanced railway modellers.
A romantic spa town lies in this very realistic-looking lower mountainous region, whose main attraction is the impressive railway station with five through lines and two platforms. Alongside it are a railway rolling-stock division with six sidings and a double incline. Long trains can be placed without any difficulty on the particularly spacious route. Six tunnels, four staggered bridges and a mountain route with a branch line station make for an extremely realistic train drive. In addition, there is a fully functioning level crossing and a small lake with a flowing brook and weir.

Z gauge:
When assembling in Z gauge, longer, doubled-headed trains (two locomotives) must be in operation along the mountain route.

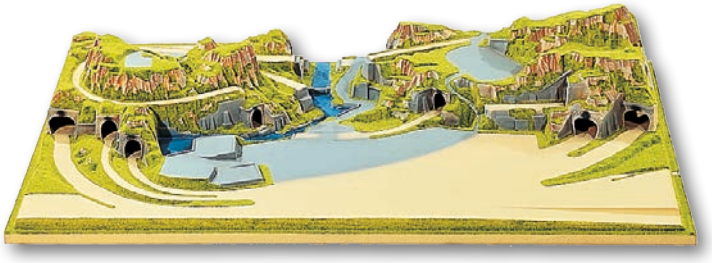
Supplied:
- *Basic layout hand-painted and electrostatically flocked (Scatter Grass 2.5 mm, shade summer meadow)*
- *Mounted on sturdy wooden frame*
- *Pre-cut tunnel bases*
- *N/Z bridge kit*
- *Track plans for all systems listed in the table*

62475 ***Aluminium Frame***
175 cm x 100 cm
The ideal support system for the NOCH 'Baden-Baden' Preformed Layout.
A detailed description of the system can be found on page 416.

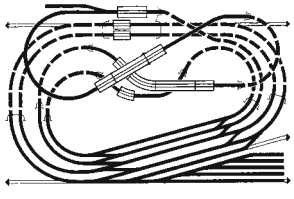
'Baden-Baden' Preformed Layout
175 cm x 100 cm, approx. 31 cm high ***N*** ***Z*** ***84830***
4 railway circuits
Assembly in N gauge: *Arnold®, Fleischmann piccolo, MiniTRIX*
Assembly in Z gauge: *Märklin® mini-club, ROKUHAN*







Supplied basic layout



N Track diagram basic layout

Z **44790** ***Scale Replacement Portal***
single track, reduces the tunnel portal from N gauge to Z gauge, 2 pieces, 9 cm x 7 cm

Z **44800** ***Scale Replacement Portal***
double track, reduces the tunnel portal from N gauge to Z gauge, 2 pieces, 9 cm x 7 cm

For assembling in Z gauge, 4 x ref. 44790 and 3 x ref. 44800 are required.

Note: *please also pay attention to the information on pages 400.*



'Traunstein' Preformed Layout, built in track diagram N gauge

Amongst the Foothills of the Bavarian Alps

'Traunstein' Preformed Layout

The foothills of the Alps in the perfect size! The 'Traunstein' layout is the ideal size for fascinating driving. With two railway circuits (or three in Z gauge), two bridges and four sidings, 'Traunstein' lets you enjoy a varied model railway scene. The small mediaeval town, the small goods station and the flowing brook with a lake, lend the layout an appealing Alpine flair.

Supplied:

- *Basic layout hand-painted and electrostatically flocked (Scatter Grass 2.5 mm, shade summer meadow)*
- *Mounted on sturdy wooden frame*
- *Pre-cut tunnel bases*
- *N/Z bridge kit*
- *Track plans for all systems listed in the table*

62425 ***Aluminium Frame***
125 cm x 69 cm + 31 cm (extendible up to 100 cm)
The ideal support system for the NOCH 'Traunstein' Preformed Layout.
A detailed description of the system can be found on page 416.

Z ***44800*** ***Scale Replacement Portal***
double track, reduces the tunnel portal from N gauge to Z gauge 2 pieces, 9 cm x 7 cm

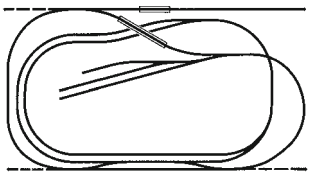
One set is required for assembling in Z gauge.

Note: *please also pay attention to the information on pages 400.*

'Traunstein' Preformed Layout
125 cm x 69 cm, approx. 18 cm high
N Z ***84810***
N gauge: 2 railway circuits
Z gauge: 3 railway circuits
Assembly in N gauge: *Arnold®, Fleischmann piccolo, MiniTRIX*
Assembly in Z gauge: *Märklin® mini-club, ROKUHAN*



Supplied basic layout



N Track diagram basic layout







G 1 0 HO TT N Z



'Cortina' Preformed Layout, built in track diagram Z gauge

Scaling New Heights!

'Cortina' Preformed Layout

The interplay between mountain and valley, rock and water, makes for a charming landscape, which is also traversed by an interesting railway route: the Preformed Layout 'Cortina' in Z gauge. Detachable mountain peaks facilitate installation. Two sidings and a large lake with a flowing brook round off the layout, which is incidentally also compatible with a functioning catenary system.

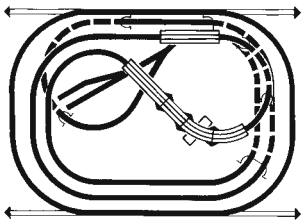
Bridge Kit
The Märklin® bridges required for assembly are not included. You can purchase the them directly from your Märklin® dealer. The numbers and names of the bridges can be found in the parts list enclosed with the track plan of the layout. You can also download this track plan from www.noch.com.

Supplied:
- *Basic layout hand-painted and electrostatically flocked (Scatter Grass 2.5 mm, shade summer meadow)*
- *Mounted on sturdy wooden frame*
- *Pre-cut tunnel bases*
- *Track plans for all systems listed in the table*

62400 Aluminium Frame
100 cm x 69 cm + 31 cm (extendible up to 100 cm)
The ideal support system for the NOCH 'Cortina' Preformed Layout.
A detailed description of the system can be found on page 416.

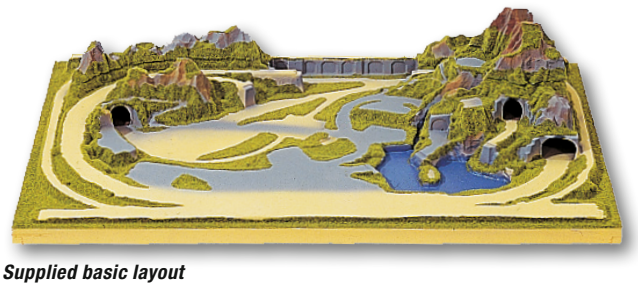
***Note:** please also pay attention to the information on pages 400.*

'Cortina' Preformed Layout
100 cm x 69 cm, approx. 21 cm high
Z ***85880***
2 railway circuits
Assembly in Z gauge: *Märklin® mini-club, ROKUHAN*



Track diagram basic layout





Supplied basic layout

Aluminium Frames

If you want to give your model railway layout a firm footing, then the NOCH Aluminium Frame is ideal. The aesthetically pleasing aluminium frame is a very sturdy and yet lightweight support system made of anodised aluminium profiles. It can be mounted under NOCH Preformed Layouts as well as under your own layout.
In the table below, you can see which preformed layout or size of layout fits the aluminium frame.

How the frames are supplied:
Tailor-made aluminium profiles and connecting elements for assembly, including instructions. Height 78 cm.



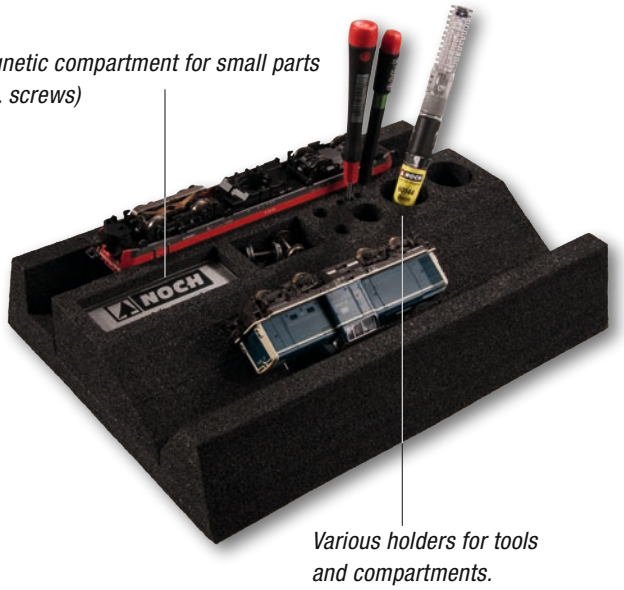
Aluminium Frame:
Sturdy yet lightweight frame made of anodised aluminium forms an aesthetically pleasing support structure for your model landscape.

Aluminium Frames for NOCH Preformed Layouts		
Ref.	***Length in cm***	***Width in cm***
62070	*120*	*70*
62100	*120*	*100*
62160	*160*	*100 + 20**
62200	*200*	*100 + 20**
62210	*100*	*140*
62220	*220*	*140*
62369	*100*	*69*
62400	*100*	*69 + 31***
62425	*125*	*69 + 31***
62440	*140*	*69 + 31***
62475	*175*	*100*

** Width up to 120 cm possible*

*** Width up to 100 cm possible*

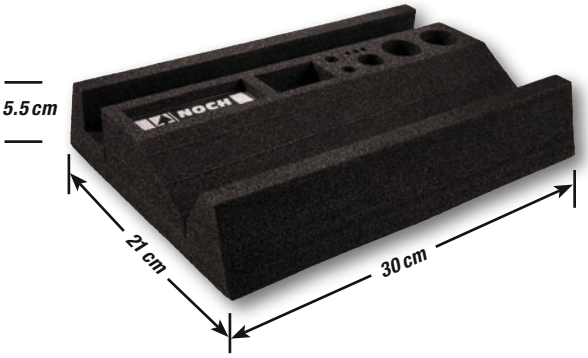




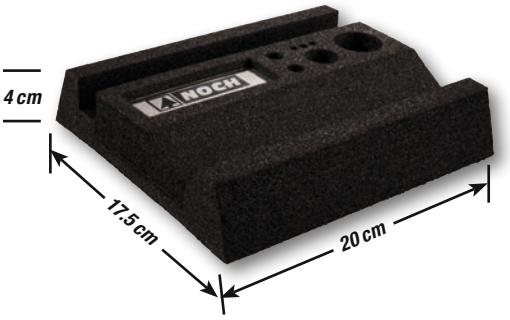
Safe in Bed!
PROFI Foam Train Service Tray

Made in Germany

Developed by professionals for professionals, this is reflected in the many details of these Foam Train Service Trays. The PROFI Foam Train Service Tray has two hollows for your locomotives. In one, the locomotive can be clamped upside down in the soft foam. It is now easy to inspect from below, and gears and axles can be easily oiled. Locos and waggons can be placed sideways or diagonally upside down in the sloping tray. This allows side panels to be cleaned and engines and piston rods to be repaired, as well as many other servicing jobs.
The Foam Train Service Trays have different compartments and recesses, in which a brush, oil pen and tools can fit.
Small parts and screws can be stored in the integrated compartments. So that small parts do not get lost, a magnetic disc is incorporated in one compartment. The tiniest screws, for example, adhere to it.

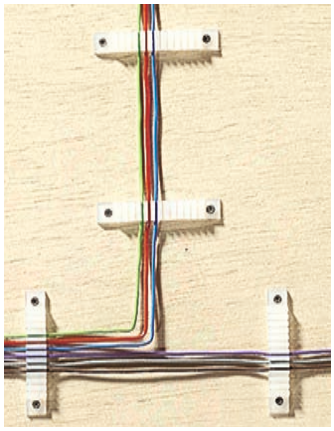


H0 TT **99355** ***PROFI Foam Train Service Tray***



N Z **99352** ***PROFI Foam Train Service Tray***

Cable Ties



60160 ***Cable Ties***
10 clamping strips for each 12 cables, simply stick or nail under the layout and click the cables into the clamps



Livening up Your Model Landscape

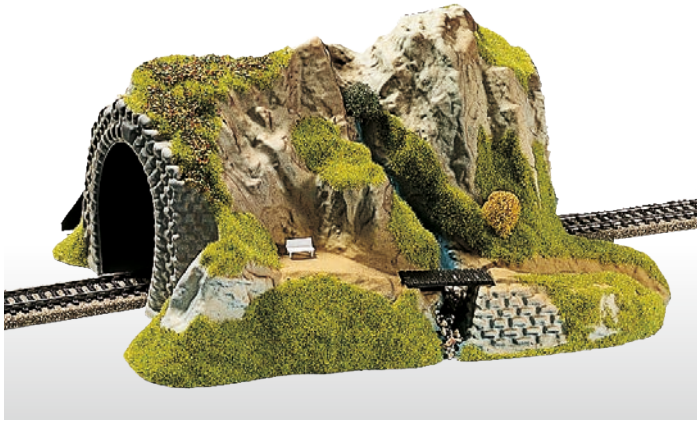
NOCH Tunnels

Made in Germany

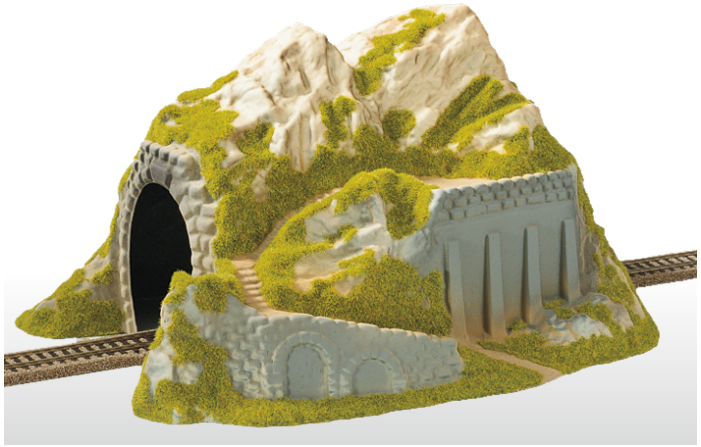
A railway route without tunnel is like a loco without carriages! If you want to liven up your railway route in a very simple way, tunnels are the best solution. It is always fascinating to see a train disappear from one side and reappear on the other! NOCH Tunnels make this especially easy for you: they are hand-painted in natural colours, covered with grass, and usually additionally decorated. NOCH Tunnels are also ideal landscape pieces for first model landscapes.



HO **02120** ***Tunnel***
single track, straight, 18 cm x 17 cm, 16 cm high
Clearance height 9.3 cm



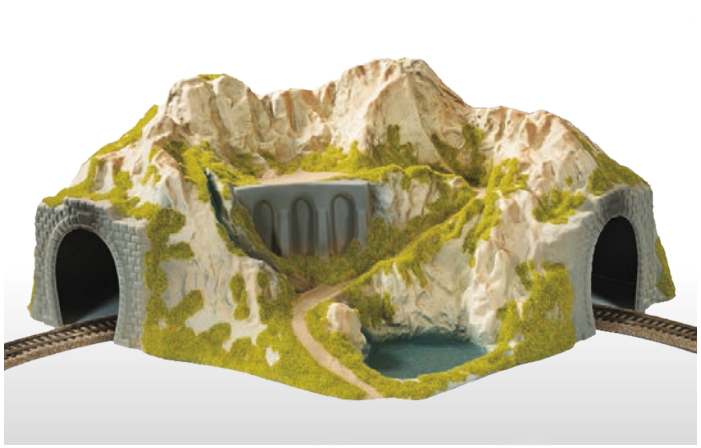
HO **02200** ***Tunnel***
single track, straight, 34 cm x 27 cm, 16 cm high
Clearance height 9.3 cm



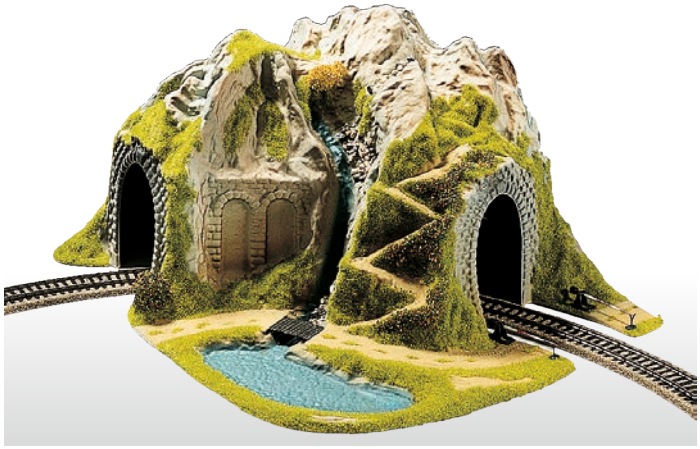
HO **02221** ***Tunnel***
single track, straight, 34 cm x 25 cm, 19 cm high
Clearance height 9.3 cm



HO **02430** ***Tunnel***
double track, straight, 30 cm x 28 cm, 17 cm high
Clearance height 9.3 cm

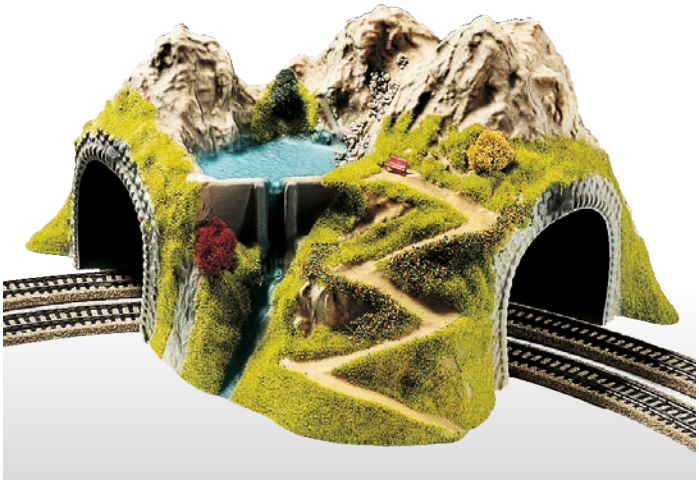


HO **05130** ***Corner Tunnel***
single tack, curved, 41 cm x 37 cm, 20 cm high
Clearance height 9.3 cm, Suitable for R1 or R2



HO **05170** ***Corner Tunnel***
single track, curved, 41 cm x 37 cm, 22 cm high
Clearance height 9.3 cm, Suitable for R1 or R2

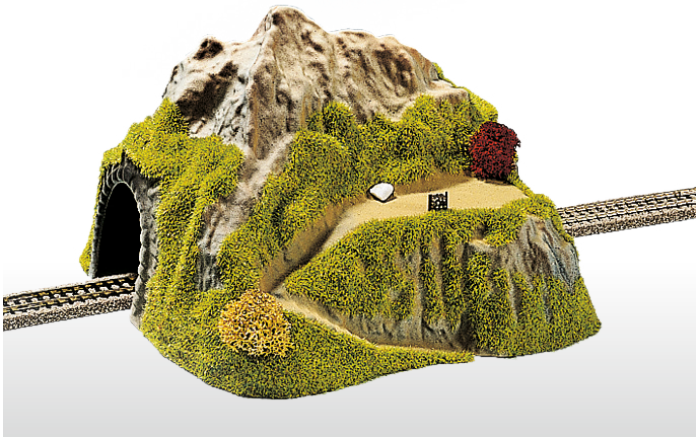
Ideal for beginners!



H0 **05180** ***Corner Tunnel***
double track, curved, 43 cm x 41 cm, 23 cm high
Clearance height 9.3 cm, Suitable for R1 or R2



TT **48670** ***Tunnel***
single track, straight, 31 cm x 18 cm, 14 cm high
Clearance height 5.6 cm



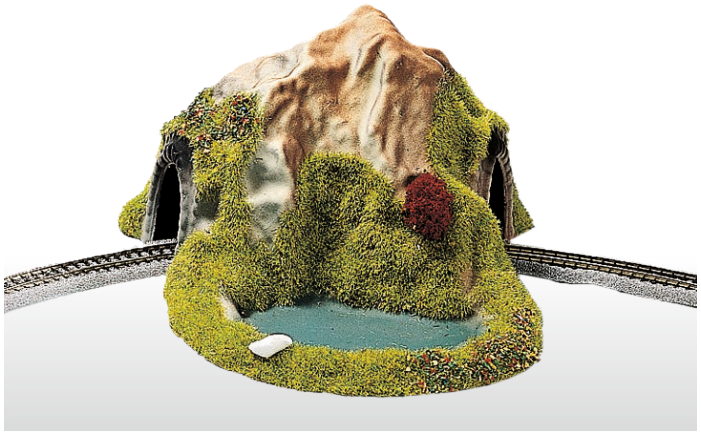
N **34640** ***Tunnel***
single track, straight, 18 cm x 16 cm, 10 cm high
Clearance height 4.7 cm



N **34660** ***Corner Tunnel***
single track, curved, 25 cm x 25 cm, 12 cm high
Clearance height 4.7 cm, Suitable for R1 or R2



N **34730** ***Corner Tunnel***
double track, curved, 23 cm x 22 cm, 12 cm high
Clearance height 4.7 cm, Suitable for R1 or R2



Z **44670** ***Tunnel***
single track, curved, 17 cm x 13 cm, 8 cm high
Clearance height 3.2 cm, Suitable for R1 or R2



For Model Railway Pleasure – Anytime and Anywhere

Never miss your beloved hobby when travelling, thanks to NOCH. Packed suitably for travel, in a conveniently small format that remains fully functional, the model railway layout in a case can simply be brought along with you.

The Z gauge briefcases are equipped with Märklin® mini-club tracks and the N gauge briefcases with Minitrix® tracks.

Note: *The briefcase layouts are not suitable for digital operation.*



Model Railway in a Briefcase

Briefcase Layouts – from page 420
- *The model railway layout in a convenient format*
- *Safely protected by the shock-resistant aluminium case*

Preformed Layouts – from page 420
- *All briefcase layouts are also available as preformed layouts (flocked with grass or snow and painted)*

Christmas Layout – from page 427
- *Pre-mounted with track, ready-to-use*
- *Including candles*

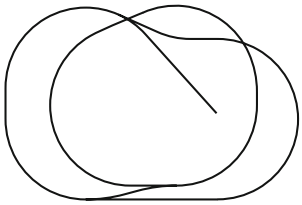
This briefcase layout fulfils your dream of a compact, fully assembled N gauge layout. The landscape is modelled on the beautiful Allgäu Alpine region, which is characterised by imposing mountains, lush meadows and idyllic lakes.



Video clip

N **88410** ***Briefcase Layout 'Füssen'***
with Minitrix® tracks

Track diagram



Product Details 'Füssen' and 'Oberstdorf'

- *Ready-to-use model railway layout in an aluminium case (outer dimensions of case: 79.5 cm x 54.5 cm, 16 cm high)*
- *Landscape made of Structured Hard Foam, fully decorated and equipped with high-quality NOCH Laser-Cut buildings*
- *Two railway circuits, pre-mounted with track*
- *Control panel with two speed controllers*
- *Three illuminated buildings (station + extensionn illuminated with 2 LEDs and additionally one illuminated Christmas tree with the 'Oberstdorf' model)*
- *Connection point for external power supply (included)*

Technical Functions

The track plan enables two trains to be operated, which can be controlled independently of each other. A switch enables the circuits to be connected together, allowing the entire route to be controlled by one speed controller. A small siding enables shunting operations. The lighting on the layout is activated via a switch.

'Füssen' and 'Oberstdorf' Preformed Layouts

- *Dimensions: 76 cm x 51.5 cm, approx. 13 cm high*
- *Includes track plan for Minitrix®, Fleischmann with ballast bed (piccolo), Fleischmann without ballast bed*



N **87041** ***'Füssen' Layout***
made of Structured Hard Foam



N **87042** ***'Oberstdorf' Layout***
made of Structured Hard Foam

This wintery N gauge briefcase layout presents the romantic, white season in a handy format. The landscape was inspired by the Allgäu Alpine region. Highlights are the beautiful snowy Laser-Cut building as well as the illuminated Christmas tree, which creates a festive mood.



Video clip

N **88415** ***Briefcase Layout 'Oberstdorf'***
with Minitrix® tracks

Empty Aluminium Case for NOCH Preformed Layouts





Z **N** **88096** ***Briefcase 'large', empty***
80 cm x 55 cm, 18.5 cm high
incl. background pictures summer and winter suitable for Preformed Layouts 87043 'Bozen', 87044 'Wolkenstein', 87041 'Füssen' and 87042 'Oberstdorf'

This beautiful model railway is the solution for anyone who wants a ready-to-run model railway in a compact aluminium case. The mountain and the valley form the centre of the landscape, with a varied stretch of track running around the outside. To the right and left of the track you will find many other highlights: a ruined castle, underpasses, a river that flows into a lake and much more.

Thanks to the two railway circuits, two trains can be controlled independently of each other.

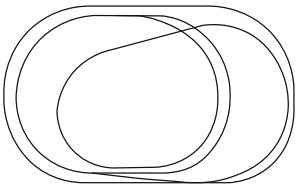
Special attention has been paid to gentle gradients on the track so that all lengths of wagon and types of locomotive can run.



Video clip

Z **88320** ***Briefcase Layout 'Bozen'***
with Märklin® mini-club Tracks
80 cm x 55 cm, 18.5 cm high

Track diagram



Product Details 'Bozen' and 'Wolkenstein'

- *Ready-to-run model railway layout in aluminium case (outer dimensions of case: 80 cm x 55 cm, 18.5 cm high)*
- *Landscape made of Structured Hard Foam, completely decorated and equipped with high-quality NOCH Laser-Cut buildings*
- *Two railway circuits, assembled ready to run*
- *Control panel with two speed controllers*
- *Four illuminated buildings (and an illuminated Christmas tree on the 'Wolkenstein' model)*
- *Connection option for external plug-in power supply unit (included)*

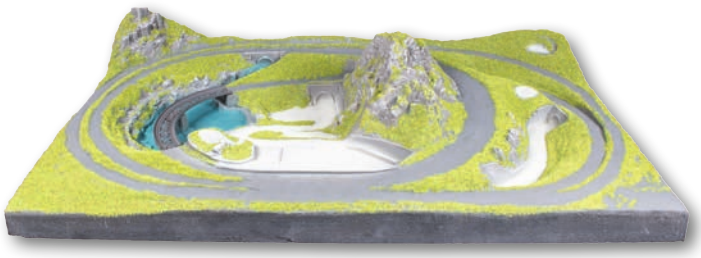
Technical Functions

The track plan enables the operation of two trains that are controlled independently of each other. A switch allows the circuits to be connected together, which means that the entire route is controlled by one speed controller. The lighting on the layout is activated via a switch.

Note: All briefcase layouts shown on this double page are supplied without locomotives and carriages.

'Bozen' and 'Wolkenstein' Preformed Layouts

- *Dimensions: 77 cm x 52 cm, approx. 14 cm high*
- *Includes track plan for Märklin® mini-club*
- *Kits for two bridges (Märklin® ref. 8977 and NOCH Laser-Cut bridge)*



Z **87043** ***'Bozen' Layout***



Z **87044** ***'Wolkenstein' Layout***

The wintry version ensures entertaining hours during the cold, romantic season. The snow-covered landscape creates a Christmas atmosphere. Special highlights are the snow-covered laser-cut buildings, the illuminated buildings and the illuminated Christmas tree.

Thanks to the two railway circuits, two trains can be controlled independently of each other.
Special attention has been paid to gentle gradients on the route so that all carriage lengths and locomotive types can run.

***Note:** The control unit for the NOCH Briefcase Layout is not available separately. When building a portable system yourself, we recommend using a transformer.*



Video clip

Z **88325** ***Briefcase Layout 'Wolkenstein'***
with Märklin® mini-club Tracks
80 cm x 55 cm, 18.5 cm high

Empty Aluminium Case for NOCH Preformed Layouts





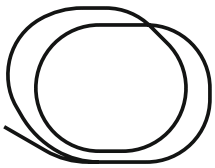
Z **88096** ***Briefcase 'large', empty***
N *80 cm x 55 cm, 18.5 cm high*
incl. background pictures summer and winter suitable for Preformed Layouts 87043 'Bozen', 87044 'Wolkenstein', 87041 'Füssen' and 87042 'Oberstdorf'

The small, beautiful Z gauge summer layout impresses with its varied route over a bridge and through a tunnel. The four buildings on the layout are illuminated.
The layout is operated with the enclosed power supply.



Z **88313** ***Briefcase Layout 'Serfaus'***
with Märklin® mini-club Track

Track diagram



Product Details 'Serfaus' and 'St Anton'

- *Ready-to-use model railway layout in an aluminium case (outer dimensions of the case: 57.5 cm x 43 cm, 16 cm high)*
- *Landscape made out of Structured Hard Foam, fully decorated*
- *One railway circuit, pre-mounted with track*
- *Control panel with one speed controller*
- *Four illuminated buildings (and illuminated Christmas tree on the 'St Anton' model)*
- *Connection point for external power supply (included)*
- *Note on train arrangement: due to the narrow radii, the carriages used should not be longer than 8.5 cm. In addition, locos with more than four axles (two bogies) should not be used. Locos with leading wheels are increasingly prone to derailment.*

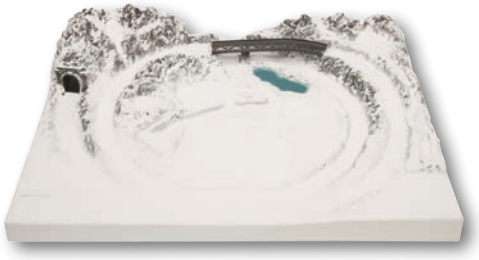
All Z gauge Model Railway Briefcase Layouts and the Christmas Layout are equipped with high-quality NOCH Laser-Cut Buildings. Starting on page 290, you can see the buildings in detail.

'Serfaus' and 'St Anton' Preformed Layouts

- *Dimensions: 53.5 cm x 40.5 cm, approx. 12 cm high*
- *Includes track plan*
- *Bridge included*



Z **87010** ***'Serfaus' Layout***
made of Structured Hard Foam



Z **87015** ***'St Anton' Layout***
made of Structured Hard Foam

The small Z gauge winter layout impresses with its thrilling route over a bridge and through a tunnel. The four houses and the Christmas tree are illuminated on the romantic, snowy layout. The layout is operated with the enclosed power supply.



Z **88318** ***Briefcase Layout 'St Anton'***
with Märklin® mini-club Track

Empty Aluminium Case for NOCH Preformed Layouts



Z **88095** ***Briefcase 'small', empty***
56 cm x 43 cm, 18.5 cm high
incl. background pictures summer and winter suitable for Preformed Layouts 87010 'Serfaus' and 87015 'St Anton'



That's Going in My Suitcase!

The Perfect Accessories to Enhance Your Briefcase Layout

In the extensive NOCH range, you'll find countless products to further enhance your NOCH briefcase layout. This page features a small selection as examples.
Figures (from page 296 in this catalogue):



Z **44445** **Mothers with Children**



Z **44503** **Hunters and Lumberjacks**



Z **44531** **Mountain Hikers with Cross**



Z **44533** **Anglers**



Z **44540** **Cows**



Z **44544** **Sheep and Shepherd**



Z **44834** **Mountainbikers**



Z **44835** **Scooter Riders**



Z **44650** **Mini Excavator Bobcat E10z**
2 pieces: 1 yellow and 1 white, 3D Master



Z **44609** **Tractor McCormick D**
2 pieces: red and green



Z **25432** **Fir Trees**
4 pieces, 4 cm - 8 cm high



Z **25511** **Fruit Trees**
white blossom, 3 pieces, 4.5 cm high



Z **25513** **Apple Trees**
3 pieces, 4.5 cm high



Z **25520** **Birch Trees**
3 pieces, 4.5 cm high

It's Time to Light the Advent Wreath!

NOCH Christmas Layout Z Gauge

Model railway pleasure, Christmas decoration and the ultimate gift for every model railway fan – the adorable NOCH 'Winter Magic' Christmas Layout encompasses all that. This little snow-covered village gleams with Christmassy splendour. The high-quality NOCH Laser-Cut Buildings and the Christmas tree are illuminated and the four tree candles make this little gem a real highlight of Advent.

***Note:** in order to ensure a permanently stable power supply to buildings and Christmas tree, an appropriate Z gauge transformer is required for operation. The Christmas Layout cannot be operated with a (rechargeable) battery.*



Z **88063** ***'Winter Magic' Christmas Layout***
35 cm x 35 cm, approx. 15 cm high, Winter layout made of Structured Hard Foam, ready-to-use with ***Märklin® mini-club Z gauge tracks,*** *decorated, illuminated houses and lighted Christmas tree, incl. 4 Christmas tree candles, supplied without transformer, loco and carriages.*

Info Tip:
Replacement candles

You can order replacement candles for the Christmas Layout in our online shop at www.noch.com with reference number 88076.



AMMO Rail Centre – One system. Every colour. Pure model railway realism.

Rail Center offers a range of high-quality acrylic paints specially developed for the demanding world of model railways. These paints are characterised by their outstanding quality, ease of use and authentic colour reproduction.
This makes it possible to paint locomotives, rail vehicles, passenger and goods wagons, and accessories using a brush or airbrush. Thanks to their ease of use and high durability, these acrylic paints are the first choice for model railway enthusiasts. Discover the wide range of Rail Center products, from individual colours to themed sets, which will add the finishing touches to your model-making projects!

** AMMO Rail Center products are distributed throughout Europe via NOCH specialist retailers, with the exception of the Benelux countries.*

G 1 0 HO TT N Z



AMMO

What Is Special About AMMO Rail Center Colours – page 430

SOLUTION BOXES & SOLUTION BOOKS – page 431

Themed Colour Sets – from page 432

Acrylic Paints, Thinner & Finishes – from page 435

Washes & Effects – from page 438

Shaders, Oil Brusher, Pigments & Missing Link Brush Pens – from page 440

Quick Tips – from page 442

All AMMO Rail Center products can be found at:

What Is Special About AMMO Rail Center Colours

With the high-quality products from the Spanish brand AMMO Rail Centre, you not only get top-quality paints, but also the knowledge and experience you need to use them to their full potential. From priming right through to realistic weathering effects – the Rail Center Solution Boxes and instruction books guide you step by step through the entire process and provide you with valuable information. Transform your models into photorealistic masterpieces. With the expanding AMMO Rail Center range, the details of your model railway will become even more realistic.



Solution Box – The 'all-in-one package'

Discover the world of perfect model railway painting. Whether you're repainting, ageing and weathering, or applying specific effects: with AMMO Rail Center paints, you not only have the right product to hand, but also receive the relevant application instructions and tutorials for each project. This allows you to safely customise your valuable models and add further, highly realistic details to your model railway.

To this end, special Solution Boxes have been developed as comprehensive 'all-in-one packs' for model-making enthusiasts:

- *Precisely matched colours and weathering products*
- *SOLUTION BOOK – User Guide: Manual with step-by-step instructions*

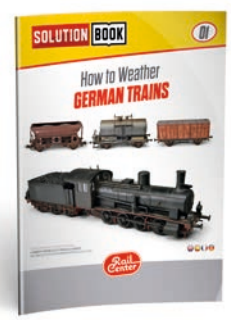
Guidebook – We won't leave you to it on your own!

This innovative guidebook takes you through every step of the process with intuitive, symbol-based instructions. This allows you to achieve professional results with ease, whether you're a beginner or an experienced model-maker. From primers and base colours right through to specialised weathering effects such as rust, dust and oil stains – this comprehensive system leaves nothing to be desired. Experience the AMMO Rail Center quality!

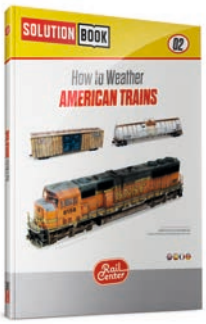
Features

- *Precisely tailored to the application, for example, to German trains and locomotives*
- *Versatile and suitable for all scales*
- *Efficient techniques for amazing results, explained in detail*





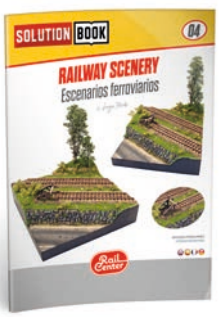
4601300 *(AMMO.R-1300)*
SOLUTION BOOK – How to Weather German Trains *(English, Spanish, French, German), 64 pages*



4601301 *(AMMO.R-1301)*
SOLUTION BOOK – How to Weather American Trains *(English, Spanish, French, German), 102 pages*



4601302 *(AMMO.R-1302)*
SOLUTION BOOK – How to Weather British Trains *(English, Spanish, French, German), 96 pages*



4601303 *(AMMO.R-1303)*
SOLUTION BOOK – How to Weather Railway Scenery *(English, Spanish, French, German), 55 pages*

The Solution Box for your application



4601200 *(AMMO.R-1200)*
Solution Box 'Weathering German Trains'
All Weathering Products



4601201 *(AMMO.R-1201)*
Solution Box 'Weathering American Trains'
All Weathering Products



4601202 *(AMMO.R-1202)*
Solution Box 'Weathering British Trains'
All Weathering Products



4601203 *(AMMO.R-1203)*
Solution Box 'Railway Scenery'
All Weathering Products

Photorealistic results straight from the Solution Box!



BR01 steam locomotive – Solution Box 'Weathering German Trains' (ref. 4601200)
Leon Raithel 'RaileyH0'

Diorama – Solution Box 'Railway Scenery' (ref. 4601203)
Sebastian Mühlbach 'Sebbs1zu87'





Dust-collector wagon and covered goods wagon – Solution Box 'Weathering German Trains' (ref. 4601200)
Sebastian Mühlbach 'Sebbs1zu87'

Info-Box: Practical tips from a professional

Sebb's 1zu87

Sebastian Mühlbach is a passionate model railway enthusiast and the owner of the YouTube channel 'Sebbs1zu87'. Drawing on his expertise in the colour ageing of locomotives and carriages, he shares valuable tips and techniques there that he has gathered over the years. His aim is to help others get started in the world of weathering and to inspire them to take their models to a whole new level in terms of colour. You can now find a video by Sebastian Mühlbach on the NOCH YouTube channel, in which he demonstrates how to use the various AMMO Rail Center products. It's well worth a watch at www.noch.de/sebbs-modellbahn-video or scan the QR code with your smartphone.

Themed Colour Sets

Each AMMO Rail Centre Themed Paint Set contains six acrylic paints, which have been carefully selected by experienced model railway enthusiasts and are perfectly matched to the respective theme. The sets cover key areas of model railway and landscape design. With these colour sets, you can avoid the time-consuming task of selecting individual shades and receive colours that are perfectly coordinated for authentic results.



4601000 *(AMMO.R-1000)*
Spanish RENFE Locomotives Epoch IV*, colour set, 6 colours, each 15 ml*



4601001 *(AMMO.R-1001)*
Dutch Locomotives Epoch IV-V*, colour set, 6 colours, each 15 ml*



4601002 *(AMMO.R-1002)*
British Locomotives Epoch IV*, colour set, 6 colours, each 15 ml*



4601003 *(AMMO.R-1003)*
German DB Locomotives Epoch V*, colour set, 6 colours, each 15 ml*



4601004 *(AMMO.R-1004)*
German DR Locomotives Epoch IV*, colour set, 6 colours, each 15 ml*



4601005 *(AMMO.R-1005)*
German DRG-DB Steam Locomotives Epoch II*, colour set, 6 colours, each 15 ml*



4601006 *(AMMO.R-1006)*
VIA Rail Canada Locomotives*, colour set, 6 colours, each 15 ml*



4601007 *(AMMO.R-1007)*
Classic American Railroad Companies – Locomotives Vol. 1*, colour set, 6 colours, each 15 ml*



4601008 *(AMMO.R-1008)*
Classic American Railroad Companies – Locomotives Vol. 2*, colour set, 6 colours, each 15 ml*



4601009 *(AMMO.R-1009)*
British Freight Cars*, colour set, 6 colours, each 15 ml*



4601010 *(AMMO.R-1010)*
American Freight Cars, colour set, 6 colours, each 15 ml



4601011 *(AMMO.R-1011)*
German Freight Cars*, colour set, 6 colours, each 15 ml*





4601012 *(AMMO.R-1012)*
Classic British Steam Locomotives Set*, colour set, 6 colours, each 15 ml*



4601013 *(AMMO.R-1013)*
German Electric Locomotives Set*, colour set, 6 colours, each 15 ml*



4601014 *(AMMO.R-1014)*
European Station Accessories Set*, colour set, 6 colours, each 15 ml*



4601015 *(AMMO.R-1015)*
Tracks and Sleepers Set*, colour set, 6 colours, each 15 ml*



4601016 *(AMMO.R-1016)*
French SNCF Locomotives*, colour set, 6 colours, each 15 ml*



4601017 *(AMMO.R-1017)*
German Trains WWII 1943-1945. DR*, colour set, 6 colours, each 15 ml*



4601018 *(AMMO.R-1018)*
Classic American Railroad Companies. Vol.III*, BNSF, colour set, 6 colours, each 15 ml*



4601019 *(AMMO.R-1019)*
Classic American Railroad Companies. Vol .IV*, Old Santa Fe, colour set, 6 colours, each 15 ml*



4601020 *(AMMO.R-1020)*
Classic American Railroad Companies. Vol. V*, Union Pacific, colour set, 6 colours, each 15 ml*



4601021 *(AMMO.R-1021)*
Vegetation*, colour set, 6 colours, each 15 ml*



4601022 *(AMMO.R-1022)*
Stone RailWay Bridges*, colour set, 6 colours, each 15 ml*



4601023 *(AMMO.R-1023)*
Metal Bridges*, colour set, 6 colours, each 15 ml*



4601024 *(AMMO.R-1024)*
Classic American Railroad Companies Vol.VI*, colour set, 6 colours, each 15 ml*



4601025 *(AMMO.R-1025)*
Asphalt Roads*, colour set, 6 colours, each 15 ml*



4601026 *(AMMO.R-1026)*
Central European Buildings*, colour set, 6 colours, each 15 ml*



4601027 *(AMMO.R-1027)*
Water Tanks Wood & Metal epoch I-II-III*, colour set, 6 colours, each 15 ml*



4601028 *(AMMO.R-1028)*
Brick Buildings*, colour set, 6 colours, each 15 ml*



4601029 *(AMMO.R-1029)*
Civil Heavy Machinery*, colour set, 6 colours, each 15 ml*



4601030 *(AMMO.R-1030)*
American Deserts Set*, colour set, 6 colours, each 15 ml*



4601031 *(AMMO.R-1031)*
Railroad Coal Depots*, colour set, 6 colours, each 15 ml*



4601032 *(AMMO.R-1032)*
Turntables & Sheds*, colour set, 6 colours, each 15 ml*



4601033 *(AMMO.R-1033)*
Railway Signals*, colour set, 6 colours, each 15 ml*



4601034 *(AMMO.R-1034)*
German Brick Buildings*, colour set, 6 colours, each 15ml*



4601035 *(AMMO.R-1035)*
Station Platforms*, colour set, 6 colours, each 15ml*



4603001 *(AMMO.R-3001)*
Railway Fast Method Paint Set*, colour set, 6 colours, each 15 ml*

Themed Weathering Set

The Weathering Set, comprising five individual items, contains a carefully curated selection of washes, effects and pigments to help you create a realistic finish on your track beds and tracks!



4603000 *(AMMO.R-3000)*
Depot Areas & Track Filth Weathering Set, *3 washes, 1 effect, 1 pigment, each 35 ml*

How to use Rail Center acrylic paints

Rail Center acrylic paints are suitable for many aspects of your model railway and are specially formulated to match the colours of the world's leading railway companies. The focus is on creating a realistic look for your locomotives, carriages and accessories.

Features

- *For best results – shake before use*
- *The integrated ball ensures optimum pigment distribution*
- *Drying time: 24 hours; touch-dry after about 1 hour*
- *Miscibility: Opacity and colour tone can be individually adjusted by mixing with acrylic thinner or other colour tones*
- *Can be applied with an airbrush or brush – see instructions below*





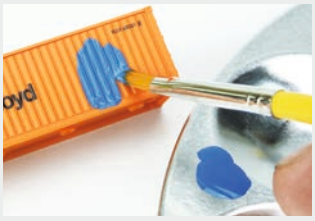
4601151 *(AMMO.R-1151)*
Modelling Brushes Basic Set
6 brushes (round, flat, chevron)

PAINTBRUSH

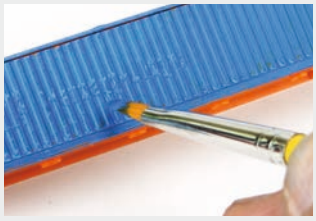
The perfect consistency of Rail Center acrylic paints allows them to be applied directly and evenly with a brush straight from the bottle, resulting in a hard-wearing finish. The paints are water-dilutable and can be applied in layers of any thickness. For a smooth finish, we recommend spreading the paint thoroughly with a flat brush. Once dry, further layers can be applied to achieve optimum coverage.



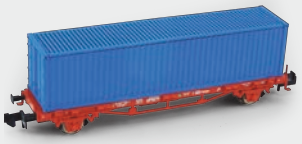
1. Rail Center acrylic paints can be used straight from the tube with a brush – no thinning required. Use a flat brush for the surface you are painting.



2. Dip the tip of the brush into the paint and apply it to the model using parallel brushstrokes.



3. Spread the paint evenly over the entire surface. Acrylic paints provide excellent coverage, even on dark surfaces.



4. Leave the coat to dry for an hour. If necessary, apply a second coat to achieve an even finish. The model can now be aged and further decorated as desired.

AIRBRUSH

Rail Center acrylic paints are also ideal for use with an airbrush. To achieve perfect results, dilute approximately 50 % of the acrylic paint with 50 % of the acrylic thinner (ref. 4600500) and set the pressure on your airbrush to 1.5 – 2 bar. Apply the paint in thin, overlapping layers and allow each layer to dry briefly.



1. Allow the primer to dry for 24 hours before you start airbrushing.



2. Spray on thin layers from a distance of about 5 cm to avoid overspray. The air pressure should be around 1.5–2 bar.



3. Apply the acrylic paint evenly across the entire surface. Rail Center acrylic paints provide excellent coverage, even on dark surfaces!



Rail Center Acrylic Paints

AMMO Rail Centre's specially developed colour range offers authentic shades for locomotives, carriages and accessories from the world's best-known railway companies. Easy to apply with a brush or airbrush, the paints impress with their excellent coverage and an even finish.



4600001 *(AMMO.R-0001)*
Rail Brown, 20 ml



4600002 *(AMMO.R-0002)*
Engine Black (RAL 9005), 20 ml



4600003 *(AMMO.R-0003)*
White (RAL 9016), 20 ml



4600004 *(AMMO.R-0004)*
Industrial Grey, 20 ml



4600005 *(AMMO.R-0005)*
Dark Grey (RAL 7021), 20 ml



4600006 *(AMMO.R-0006)*
Sleeper Brown (RAL 7017), 20 ml



4600007 *(AMMO.R-0007)*
Caboose Red (RAL 3002), 20 ml



4600008 *(AMMO.R-0008)*
Aluminium, 20 ml



4600009 *(AMMO.R-0009)*
Tuscan Redbrown, 20 ml



4600010 *(AMMO.R-0010)*
Reefer Orange, 20 ml



4600011 *(AMMO.R-0011)*
Reefer Yellow (RAL 1023), 20 ml



4600012 *(AMMO.R-0012)*
Railbox Yellow, 20 ml



4600013 *(AMMO.R-0013)*
Hopper Green, 20 ml



4600014 *(AMMO.R-0014)*
Deep Green, 20 ml



4600015 *(AMMO.R-0015)*
Light Green, 20 ml



4600016 *(AMMO.R-0016)*
Olive Green, 20 ml



4600017 *(AMMO.R-0017)*
Pullman Green (RAL 6003), 20 ml



4600018 *(AMMO.R-0018)*
Jade Green, 20 ml



4600019 *(AMMO.R-0019)*
Passenger Wagon Green, 20 ml



4600020 *(AMMO.R-0020)*
Dark Blue, 20 ml



4600021 *(AMMO.R-0021)*
Medium Blue, 20 ml



4600022 *(AMMO.R-0022)*
Red (RAL 3002), 20 ml



4600023 *(AMMO.R-0023)*
Boiler Brown, 20 ml



4600024 *(AMMO.R-0024)*
Rust, 20 ml



4600025 *(AMMO.R-0025)*
Freight Red, 20 ml



4600026 *(AMMO.R-0026)*
Concrete, 20 ml



4600027 *(AMMO.R-0027)*
Ocher Sand, 20 ml



4600028 *(AMMO.R-0028)*
Buff (RAL 7028), 20 ml



4600029 *(AMMO.R-0029)*
Red Brown, 20 ml



4600030 *(AMMO.R-0030)*
Light Grey, 20 ml



4600031 *(AMMO.R-0031)*
Boxcar Brown (RAL 8012), 20 ml



4600032 *(AMMO.R-0032)*
Ash Grey, 20 ml



4600033 *(AMMO.R-0033)*
Dark Rust, 20 ml



4600034 *(AMMO.R-0034)*
Pale Greenish Grey, 20 ml



4600035 *(AMMO.R-0035)*
Medium Green, 20 ml



4600036 *(AMMO.R-0036)*
Signal Green, 20 ml



4600037 *(AMMO.R-0037)*
Signal Red (RAL 3020), 20 ml



4600038 *(AMMO.R-0038)*
Deep Blue Livery, 20 ml



4600039 *(AMMO.R-0039)*
Wagon Grey (RAL 7038), 20 ml



4600040 *(AMMO.R-0040)*
Cream (RAL 9001), 20 ml



4600041 *(AMMO.R-0041)*
Dark Brown, 20 ml

Finish & Thinner

The Rail Center range comprises three different types of finish, available in matt, satin and gloss finishes. The Rail Center Acrylic Thinner can be used to mix acrylic paints for optimal airbrushing or to reduce their opacity.



4600042 *(AMMO.R-0042)*
Matt Finish, 20 ml



4600043 *(AMMO.R-0043)*
Satin Finish, 20 ml



4600044 *(AMMO.R-0044)*
Glossy Finish, 20 ml



4600500
(AMMO.R-0500)
***Acrylic Thinner**, 35 ml*

4600501 *(AMMO.R-0501)*
***Acrylic Thinner**, 500 ml*

Washes – Delicate glazes for the finer details

The washes offer optimum flow and are available in shades specifically designed to create realistic ageing effects. They can be used to highlight key details such as crevices, indentations, edges and reliefs with dark tones, lending the base colour additional depth and contrast.



Acrylic Wash



4602450 *(AMMO.R-2450)*
Brown, Acrylic Wash, 15 ml



4602451 *(AMMO.R-2451)*
Light Rust, Acrylic Wash, 15 ml



4602452 *(AMMO.R-2452)*
Brown for Sand, Acrylic Wash, 15 ml



4602453 *(AMMO.R-2453)*
Ochre, Acrylic Wash, 15 ml



4602454 *(AMMO.R-2454)*
Mechanical Dirt, Acrylic Wash, 15 ml



4602455 *(AMMO.R-2455)*
Grey, Acrylic Wash, 15 ml



4602456 *(AMMO.R-2456)*
Blue, Acrylic Wash, 15 ml



4602457 *(AMMO.R-2457)*
Dark, Acrylic Wash, 15 ml



4602458 *(AMMO.R-2458)*
Dust, Acrylic Wash, 15 ml



4602459 *(AMMO.R-2459)*
Interior use, acrylic wash, 15 ml

Use Rail Center Acrylic Thinner to thin the acrylic washes – see page 453!

Enamel Wash



4602000 *(AMMO.R-2000)*
Trackside, Wash, 35 ml



4602001 *(AMMO.R-2001)*
Fresh Rust, Wash, 35 ml



4602002 *(AMMO.R-2002)*
Soil, Wash, 35 ml



4602003 *(AMMO.R-2003)*
Mechanical, Wash, 35 ml



4602004 *(AMMO.R-2004)*
Aged Wash, 35 ml



4602005 *(AMMO.R-2005)*
Soot, Wash, 35 ml



4602500 *(AMMO.R-2500)*
Enamel Thinner, *odourless, 35 ml*

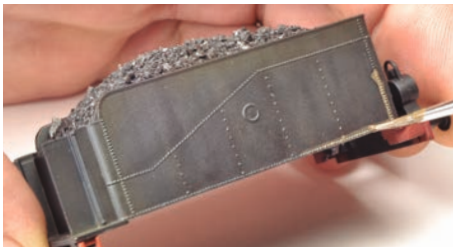
4602501 *(AMMO.R-2501)*
Enamel Thinner, *odourless, 500 ml*

Use the Enamel Thinner to thin the Enamel Washes!

Enamel-based effects

These effects offer a wide range of options for ageing your models realistically. They allow you to recreate the typical streaks and smudges found on locomotives and carriages in service. The 'natural' effects can be used to realistically depict various types of soiling caused by earth or moss. The effects can be applied with a brush or an airbrush and then blended using a clean brush moistened with thinner.

Nature effects







4602200 *(AMMO.R-2200)*
Prairie Soil, Effect, 35 ml



4602201 *(AMMO.R-2201)*
Fresh Dust, Effect, 35 ml



4602202 *(AMMO.R-2202)*
Bare Earth, Effect, 35 ml

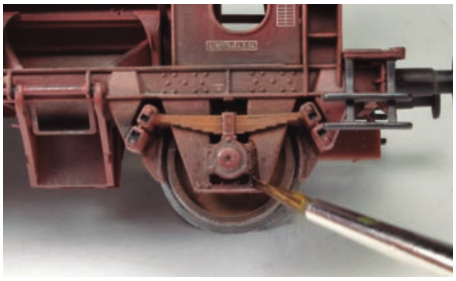


4602203 *(AMMO.R-2203)*
Desert Dust, Effect, 35 ml



4602204 *(AMMO.R-2204)*
Dark Soil, Effect, 35 ml

Engine Fuel & Oil Effects





4602205 *(AMMO.R-2205)*
Locomotive Grime, Effect, 35 ml

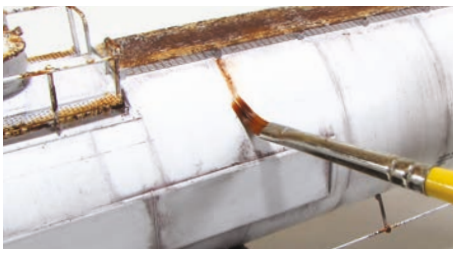


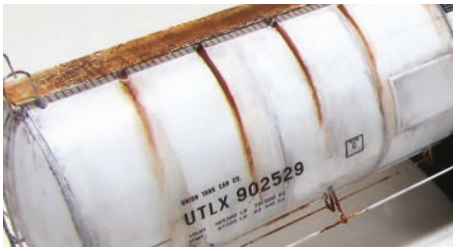
4602206 *(AMMO.R-2206)*
Fresh Oil Staining, Effect, 35 ml



4602207 *(AMMO.R-2207)*
Fuel Staining, Effect, 35 ml

Streaking Effects







4602100 *(AMMO.R-2100)*
Streaking Dust, Effect, 35 ml



4602101 *(AMMO.R-2101)*
Streaking Grime, Effect, 35 ml



4602102 *(AMMO.R-2102)*
Streaking Rust, Effect, 35 ml



4602103 *(AMMO.R-2103)*
Industrial Streaking Grime, Effect, 35 ml



4602104 *(AMMO.R-2104)*
Fresh Streaking Dust, Effect, 35 ml



4602105 *(AMMO.R-2105)*
Mechanical Streaking, Effect, 35 ml

Shaders – shading colours for realistic ageing

The Shaders – which roughly translates as 'shading paints' – are matt, highly fluid and translucent acrylic paints that have been specially developed for shading and weathering effects. They enable you to work particularly efficiently and realistically – whether using an airbrush or a brush.



4602400 *(AMMO.R-2400)*
Grime, Matt Shader, 17 ml



4602401 *(AMMO.R-2401)*
Deep Grey, Matt Shader, 17 ml



4602402 *(AMMO.R-2402)*
Light Rust, Matt Shader, 17 ml



4602403 *(AMMO.R-2403)*
Ash Black, Matt Shader, 17 ml



4602404 *(AMMO.R-2404)*
Engine Filth, Matt Shader, 17 ml



4602405 *(AMMO.R-2405)*
Dirt, Matt Shader, 17 ml



4602406 *(AMMO.R-2406)*
Earth, Matt Shader, 17 ml



4602407 *(AMMO.R-2407)*
Light Clay, Matt Shader, 17 ml



4602408 *(AMMO.R-2408)*
Dark Green, Matt Shader, 17 ml



4602409 *(AMMO.R-2409)*
Light Grey, Matt Shader, 17 ml

Oilbrusher – Oil paints with a built-in brush

The popular oil paint brushes from the Solution Box are now also available individually. With ten carefully selected shades, they cover a wide range of realistic ageing effects. Specially developed for model railways, their integrated brush allows for direct and neat application without the need for a palette or additional tools. This saves you time and materials, avoids sticky paint residue and helps you achieve realistic effects on locomotives, carriages and accessories.



4602600 *(AMMO.R-2600)*
Black, Oilbrusher, 10 ml



4602601 *(AMMO.R-2601)*
White, Oilbrusher, 10 ml



4602602 *(AMMO.R-2602)*
Dark Green, Oilbrusher, 10 ml



4602603 *(AMMO.R-2603)*
Dark Earth, Oilbrusher, 10 ml



4602604 *(AMMO.R-2604)*
Rust, Oilbrusher, 10 ml



4602605 *(AMMO.R-2605)*
Sleeper Brown, Oilbrusher, 10 ml



4602606 *(AMMO.R-2606)*
Dry Earth, Oilbrusher, 10 ml



4602607 *(AMMO.R-2607)*
Deep Blue, Oilbrusher, 10 ml



4602608 *(AMMO.R-2608)*
Grease Black, Oilbrusher, 10 ml



4602609 *(AMMO.R-2609)*
Bare Metal, Oilbrusher, 10 ml

Pigments for natural signs of wear

Pigments not only create the typical dust deposits on your locomotives and carriages, but also produce realistic effects such as rust and soot stains from engines and exhausts, ash and other natural signs of ageing.





4602300 *(AMMO.R-2300)*
Black, Pigment, 35 ml



4602301 *(AMMO.R-2301)*
Ballast Dust, Pigment, 35 ml



4602302 *(AMMO.R-2302)*
Medium Brown Soil, Pigment, 35 ml



4602303 *(AMMO.R-2303)*
Deep Rust, Pigment, 35 ml



4602304 *(AMMO.R-2304)*
Fresh Rust, Pigment, 35 ml



4602305 *(AMMO.R-2305)*
Rural Soil, Pigment, 35 ml



4602306 *(AMMO.R-2306)*
Trackside Rust, Pigment, 35 ml



4602307 *(AMMO.R-2307)*
Polished Metal, Pigment, 35 ml



4602308 *(AMMO.R-2308)*
Metal Slag, Pigment, 35 ml



4602309 *(AMMO.R-2309)*
Industrial Dark Dust, Pigment, 35 ml



4602520 *(AMMO.R-2520)*
Extra-Thin Cement*, 30 ml*

For bonding small plastic parts!

Missing Link – brush markers for effective ageing

The 'Missing Link' brush markers are the ideal solution for quickly and easily adding realistic ageing and wear effects to your models. They have been specially developed for applying effects to surfaces that have already been painted.

That's what brush markers were developed for:

- *Easy blending & correction: with water or the mixing pen provided*
- *Realistic finishes: semi-matt colours for natural transitions*
- *Rich colours: for greater depth and realism*
- *Beginner-friendly & professional: easy to use, whatever your level of experience*



4601070 *(AMMO.R-1070)*
Missing Link, Weathering Brush Markers
Contents: 12 brush markers including 1 brush marker each in faded green, dark green, light blue, faded yellow, orange, red brown, medium grey, black, earth, dirt, dark rust, rust, 1 mixed marker

Quick Tip: Chipping with Brush



1. *First, the decorative mouldings are painted with various acrylic paints. Some of the trim strips are painted grey, using pale green ref. 4600034 (AMMO.R-0034). Next, a coat of scratch effects ref. 4602505 (AMMO.R-2505) is applied to the grey-painted trim strips using a brush.*



2. *After leaving them to dry for about 20 minutes, paint all the light-coloured wooden boards with Boxcar Brown acrylic paint ref. 4600031 (AMMO.R-0031).*



3. *Using a slightly damp brush, gently rub the top layer of paint away. The greyish-pale green will be revealed.*



4. *Finally, a coat of the Wash 'Soil Wash' ref. 4602002 (AMMO.R-2002) is applied to all the walls of the carriage. This step ensures a uniform and authentic appearance.*



By Antonio Carrascosa

Quick Tip: Chassis Weathering



1. *The first step is to prepare the chassis area using Ground Wash ref. 4602002 (AMMO.R-2002) and Dirt Streak Effect ref. 4602101 (AMMO.R-2101) to create realistic dirt and track marks.*



2. *Next, a mixture of Fresh Oil Staining Effect ref. 4602206 (AMMO.R-2206) and Soot Black Pigment ref. 4602300 (AMMO.R-2300) is used to recreate grease build-up on the wheel arches.*



3. *To create realistic grease and dirt marks around the buffers, apply the fuel discolouration effect ref. 4602207 (AMMO.R-2207) using a fine brush.*



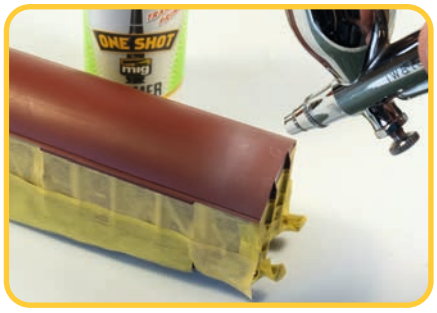
4. *To create a natural dust effect, mix the acrylic paint Buff ref. 4600028 (AMMO.R-0028) with acrylic thinner ref. 4600500 (AMMO.R-0500) in a ratio of 30 % to 70 %. The mixture is then sprayed onto the lower sections of the chassis using an airbrush.*



By Antonio Carrascosa



Quick-Tip: Weathering on Train Roof



1. *All parts of the model except the roof are masked off. The roof is then primed evenly with One Shot Transparent Primer (A.MIG-2041).*



2. *The roof is sprayed unevenly with red-brown acrylic paint ref. 4600029 (AMMO.R-0029), so that the primer shows through in places. This immediately creates greater depth of colour and a more realistic effect.*



3. *Apply a coat of Scratch Effects ref. 4602505 (AMMO.R-2505) across the entire roof using a brush.*



4. *As in step 2, spray on Boxcar Brown acrylic paint ref. 4600031 (AMMO.R-0031) unevenly so that the colours underneath show through.*



5. *Using a slightly damp brush, gently rub the surface to create natural flaking and scratches.*



6. *After a drying time of 24 hours, the washes 'Railway Track' ref. 4602000 (AMMO.R-2000) and 'Fresh Rust' ref. 4602001 (AMMO.R-2001) give the roof realistic dirt and wear effects.*



7. *Use the Rust Oil Brush ref. 4602604 (AMMO.R-2604) to recreate fresh rust streaks. These are blended using a brush moistened with Enamel Thinner ref. 4602500 (AMMO.R-2500) in vertical strokes.*



8. *To create a fine layer of dust, mix Buff acrylic paint ref. 4600028 (AMMO.R-0028) with acrylic thinner ref. 4600500 (AMMO.R-0500) in a ratio of 30 % to 70 %, then apply. This finishing touch harmonises all the effects.*



By Antonio Carrascosa



America's Most Famous 'Long-Distance Hauliers' at NOCH – Athearn: 'The Biggest Little Railroad in America℠'

With over 1.5 million models sold every year, Athearn rightly claims to be 'the biggest little railroad in America.' We're delighted that NOCH is an international distribution partner of Athearn and that you can purchase models from this traditional, established US manufacturer through our specialist trade partners. Since 1943, when Irv Athearn began to build 0-gauge goods wagons in his mother's kitchen, the name has stood for quality and a very good price-performance ratio. These values formed the basis for success. Even today, Irv's legacy, in the shape of quality and value, can be found in every model. The models shown here are just a small excerpt from the extensive Athearn range. You'll find current offers and updates online at www.noch.com (see News Blog: Athearn) – or seek advice from your local dealer.



ATHEARN

Athearn specify a maximum operating voltage of 12 – 14 V for their locomotives

Info Tip: Athearn

Our Athearn trade partners are informed monthly about new Athearn releases. Stay up-to-date with our newsletter. Just type your e-mail address in the field at the bottom of the homepage (www.noch.com) to register for the newsletter.

Genesis Line H0, N

The Genesis Line from Athearn is the best of the best with all the details that can be built into a model railroad and continues to set standards in terms of the level of detail and realism. The models are specific to operating numbers and based on the prototype. The excellent printing allows prototypical sizes of numbers and details that can only be discovered on closer inspection. The Genesis Line models are perfect for the discerning and professional model builder.



Model Features Genesis Line *(if applicable):*
Premium motor and drivetrains
All realisable lighting effects
Premium Soundtraxx Tsunami2 sound decoder (in DCC sound-equipped models)
Underbody details such as brake lines, drain lines, traction motor cables, and more
Detailed interiors (if visible)
Prototypical bogies with extensive details

Athearn-Line H0, N

With the Athearn Line, Athearn offers great models with just the right amount of detail for the H0 and N gauges. Athearn focuses here on models with great popularity, which are designed with details specific to operating numbers. The models are an absolute eye-catcher and impress with precise details and decorations with slight simplifications.



Model Features Athearn Line *(if applicable):*
- *High-performance motor and drivetrains*
- *Lighting only for headlights, ditch lights, number plates and beacons*
- *Soundtraxx Econami sound decoder (in models equipped with DCC sound)*
- *Basic underbody and frame details*
- *Visible interiors on some models*

Roundhouse-Line H0

The Roundhouse Line models from Athearn for H0 gauge are the perfect entry-level models. They impress with an outstanding price-performance ratio and offer pure driving fun! The model details have been reduced to a minimum. All models are also produced with the same details and decorations over a production series, so that the model railroad is affordable for everyone.



Model Features Roundhouse Line *(if applicable):*

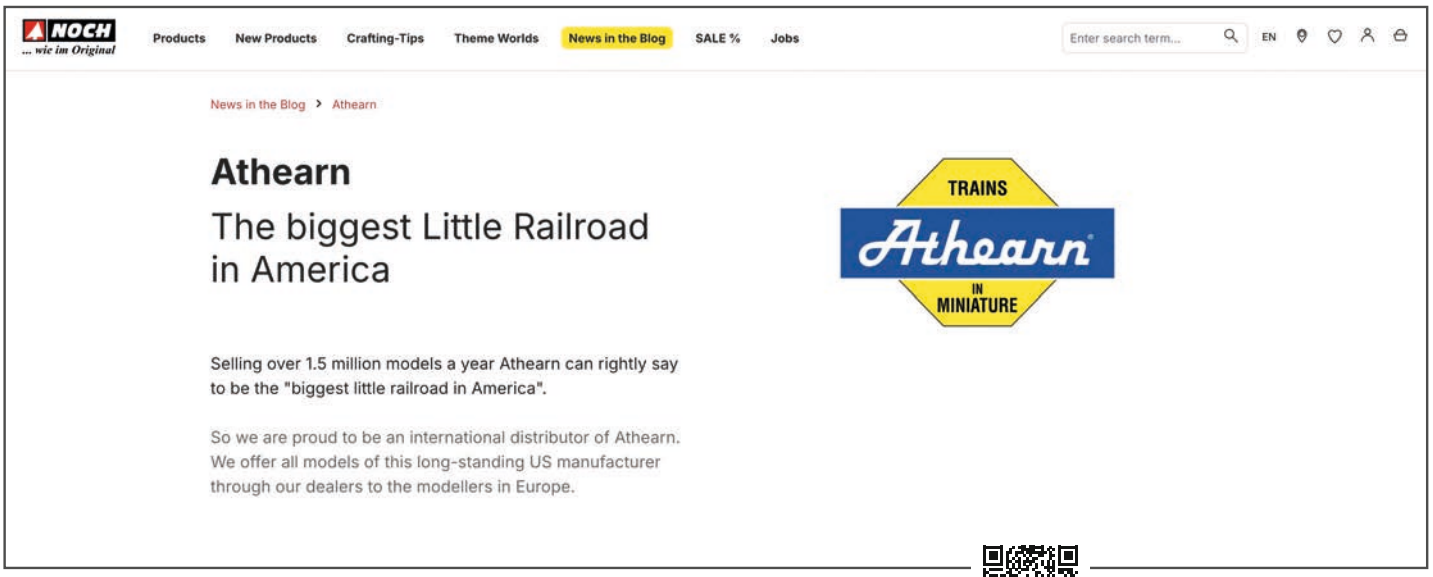
- *High-performance motor and drivetrains (like Athearn Line models)*
- *All locomotives are DCC-capable, but without factory-fitted sound option*
- *Lighting for headlights only*
- *Simple details with free bogies*

New Athearn Models Every 60 days: Stay Up To Date!

Every 60 days, Athearn announces a wide range of high-quality American-style locomotives and carriages. These new releases can be pre-ordered within a limited period to ensure delivery. Information on the latest update can be found here: https://www.noch.de/das-ist-noch/handelsmarken/athearn/

The NOCH newsletter provides an overview of the latest new releases, the relevant order deadlines and the expected delivery dates. Please order your chosen model from your NOCH specialist dealer within the period specified in the newsletter.

Subscribe to the newsletter:



Website



PECO – The high-quality track from the UK!

With over 80 years' experience in the production of model railway tracks and accessories, PECO offers an extremely comprehensive range in numerous track gauges. For beginners, PECO offers Setrack, a geometric track system designed for quick and straightforward track planning. Streamline is based on Flex Tracks and enables realistic layout designs with customised route configurations. The system is complemented by a wide selection of turnouts, crossings and other accessories. The high quality and precise design make PECO a reliable solution for both beginners and experienced model railway enthusiasts.

** PECO products are sold exclusively through NOCH specialist retailers in Germany and Austria.*

1 G 0 HO TT N Z



PECO

What makes PECO special – Page 450

Track Systems, Gauges, Codes & Turnout Motors – from page 451

H0 Gauge Tracks – from page 454

TT Gauge Tracks – page 458

N Gauge Tracks – from page 459

Accessories & Track Templates – Page 463

All PECO products can be found at:

PECO



About PECO

This family-run business, with its production base in Beer, Devon (southern England), has been developing and manufacturing model railway tracks and accessories for over 80 years. Its UK site is synonymous with reliable production and consistently high quality.

PECO was founded in 1946 and is now run by the third generation. From the very beginning, the focus has been on the manufacture of track components for model railways. With the introduction of Streamline track in the 1960s, PECO developed into a world-leading brand in the model railway sector. Today, the range comprises more than 20 track series for standard and narrow-gauge systems, as well as an extensive range of track accessories.

What makes the range of tracks so special!

The combination of many years' experience, a wide range of products and a practical product range make PECO tracks the perfect choice for both beginners and professionals. Thanks to its various track systems, PECO caters to the need for both straightforward track solutions and flexible, sophisticated layout designs.

That's why PECO tracks are so impressive:

- *Geometry track for beginners: PECO Setrack*
- *Flexible Track for custom track layouts: PECO Streamline*
- *Wide range of products: Suitable solutions for all standard gauges (Z to G gauge)*
- *A wide range of accessories: turnouts, crossings and special components for your model railway*
- *Durable tracks: Designed for long-term use*
- *Consistently high quality: developed and manufactured in the UK*



G 1 0 HO TT N Z

Setrack – The Geometry Track!

The Setrack track system has been specially developed to enable quick and straightforward layout construction. With fixed track geometries and coordinated radii, Setrack is ideal for beginners, compact layouts and safe operation.

Thanks to clearly defined radii and turnouts, the geometric track system allows you to create varied track layouts using just a few components. At the same time, it remains compatible with the Streamline system and can be easily expanded at a later date.

Setrack impresses with its robust construction, reliable power transmission and high precision fit – made from high-quality nickel silver!

The advantages of PECO Setrack:
- *Quick and easy assembly*
- *Ideal for beginners and compact systems*
- *Fixed radii for reliable planning*
- *Robust and reliable track design*
- *Available in N, TT, H0, H0e, 0 and 1 gauge*



47ST100 *(ST100)*
H0, Starter Track Set C100 *R2, 1626 mm x 991mm*
Contents:
3x ST200 Standard Straights, 168 mm, 5x ST201 Double Straights, 335 mm, 1x ST202 Short Straight, 79 mm, 3x ST225 Standard Curves R2, 22,5°, 7x ST226 Double Curves R2, 45°, 1x ST240 Right Hand Turnout R2, 22,5°, 1x ST241 Left Hand Turnout R2, 22,5°, 2x ST270 Buffer Stops, 1x ST273 Power Connecting Clips, 1x STP00 Setrack Planbook



47ST300 *(ST300)*
N, Starter Track Set C80 *R1, 914 x 610 mm*
Contents:
6x ST1 Standard Straights, 87 mm, 3x ST11 Double Straights, 174 mm, 5x ST3 Standard Curves R1, 22,5°, 6x ST12 Double Curves R1, 45°, 1x ST5 Right Hand Turnout R1, 22,5°, 1x ST6 Left Hand Turnout R1, 22,5°, 2x ST8 Buffer Stops, 2x ST9 Power Connecting Clips, 1x IN1 N Setrack Planbook,

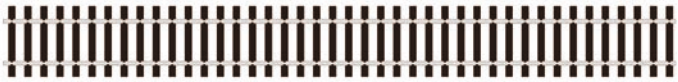
Streamline – For Advanced Model Railway Enthusiasts!

With the Streamline track system, PECO offers a particularly prototypical solution for discerning model railway enthusiasts. The system is aimed at model railway enthusiasts who value realistic track layouts, maximum flexibility and the highest level of operational reliability.

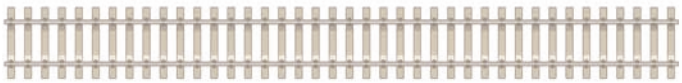
A key feature of Streamline is its wide range of Flex Tracks, turnouts and special tracks, which allow you to create customised track layouts with virtually no geometric restrictions. Ideal for spacious main lines, realistic stations or detailed shunting yards.

The finely detailed sleepers and true-to-profile rails ensure an authentic appearance and are ideal for high-quality model railway layouts. Thanks to a range of Code profile heights, the system can be optimally adapted to different rolling stock and requirements.

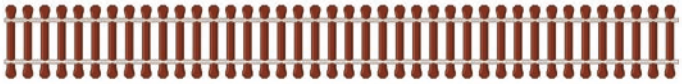
The benefits of PECO Streamline:
- *Replica track layouts according to the original*
- *Flexible layout planning*
- *Wide range of turnouts and special tracks*
- *High operational reliability*
- *Fine detailing for realistic layouts*
- *Available in all standard gauge sizes from Z to 1 (Z, N, TT, H0, H0e, H0m, H0n3, 0, 0e, 1, G)*



47SL100F *(SL100F)* ***H0 (C75) Flex Track****, Wood-Sleeper, 914 mm*



47SL102F *(SL102F)* ***H0 (C75) Flex Track****, Concrete-Sleeper, 914 mm*



47SL104F *(SL104F)* ***H0 (C75) Flex Track****, Steel-Sleepers, 914 mm*



47SL106F *(SL106F)* ***H0 (C75) Flex Track****, Bi-Bloc Concrete-Sleeper, 914 mm*

PECO Gauges & Codes

The PECO track range offers the right solution for almost every track gauge and every model railway requirement. Different track gauges, rail profiles ('codes') and country-specific sleeper shapes enable the prototypical reproduction of international railway lines.

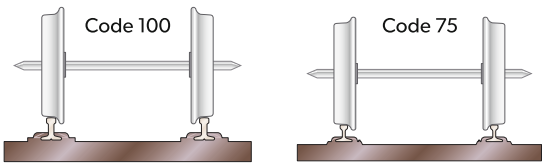
The track gauge describes the distance between the rails and is based on the relevant scale of the prototype. PECO also distinguishes between different rail profiles. This rail profile code indicates the height of the rail profile in thousandths of an inch. (Example: Code 100 = 0.100" corresponds to a rail height of approx. 2.5 mm).

Code – The Rail Profile

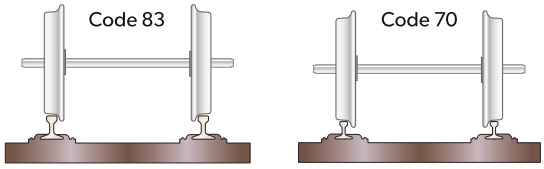
H0 Gauge

PECO offers a range of rail profiles for H0 gauge. Code 100 refers to a particularly robust track and is ideal for the reliable operation of both older and modern rolling stock. Code 75, on the other hand, with its lower rail height, offers a particularly realistic appearance and is compatible with most modern rolling stock.

The finely detailed reproduction of the small fittings ensures a realistic appearance whilst also offering greater compatibility with standard rolling stock compared with many other track systems.
In addition, further profiles based on the American model are available, namely Code 83 and Code 70.



European

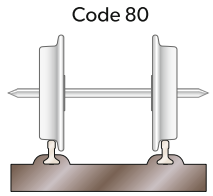


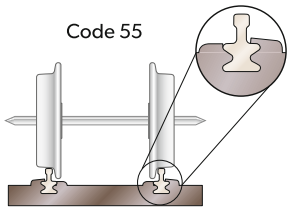
American

N Gauge

For N gauge, PECO offers the Code 80 and Code 55 track systems. Code 80 complies with the classic N gauge standard and impresses with its robust construction. Code 55, on the other hand, offers a particularly realistic appearance with a low visible rail height.

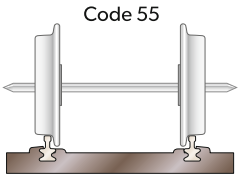
Thanks to a special rail profile, Code 55 is just as stable and reliable as Code 80, despite its delicate appearance. As the small metal parts are recessed within the track, the Code 55 system is also suitable for reliable use with standard N gauge rolling stock.





TT Gauge

For TT gauge, PECO uses the delicate Code 55 rail profile. Thanks to the special rail design featuring an embedded double profile, the track system combines a realistic appearance with high stability and reliable operation.



Overview of the PECO Track Range

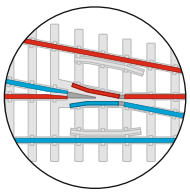
Gauge	Scale	Track Width	Code	System	Prototype/Country-specific specification
Z	1:220	6.5 mm	60	Streamline	International
N	1:160	9 mm	80	Streamline & Setrack	International
N	1:160	9 mm	55	Streamline	International
TT	1:120	12 mm	55	Streamline & Setrack	International
H0	1:87	16.5 mm	100	Streamline & Setrack	International
H0	1:87	16.5 mm	75	Streamline	International Finescale
H0	1:87	16.5 mm	83	Streamline	North America
H0	1:87	16.5 mm	70	Streamline	North America
00	1:76	16.5 mm	75	Streamline	United Kingdom 'Bullhead'
H0e	1:87	9 mm	80	Streamline & Setrack	Narrow-gauge Europe
H0n3	1:87	10.5 mm	70	Streamline	Narrow Gauge North America
H0m	1:87	12 mm	75	Streamline	Narrow-gauge Europe
0e	1:43,5	16.5 mm	100	Streamline	Narrow-gauge Europe
0	1:43,5	32 mm	124	Streamline	United Kingdom 'Bullhead'
0	1:48	32 mm	143	Streamline	North America
1	1:32	45 mm	200	Streamline	International
SM32	1:19	32 mm	200	Streamline & Setrack	International
G	1:22,5	45 mm	250	Streamline & Setrack	International

The catalogue features only PECO's main range (H0 Gauge, Code 100/75; TT Gauge, Code 55; and N Gauge, Code 80/55). All other track systems can be found on our website.

G 1 0 H0 TT N Z

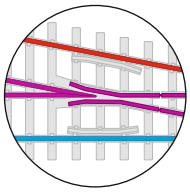
Turnout Frogs at PECO!

Insulfrog (INS) – Insulated Frog



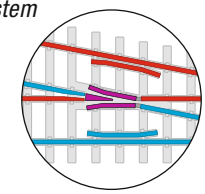
In Insulfrog turnouts and crossings, the frog is made of plastic and is therefore electrically insulated. This makes the Insulfrog system suitable for traditional analogue and digital layouts, with straightforward wiring and no need for additional frog polarisation.

Electrofrog (ELE) – Conducting Frog



In Electrofrog turnouts and crossings, the frog is electrically conductive and is polarised depending on the route. This ensures that vehicles have a reliable power supply even in the sensitive frog area. Frog polarisation is essential and must be controlled via a switch or the appropriate turnout motors.

Unifrog (UNI) – Modern, Versatile Frog



The innovative Unifrog system combines the advantages of Insulfrog and Electrofrog. The turnouts feature a pre-configured frog that can be operated both without additional wiring and with optional polarisation. As a new technology, the Unifrog system is not yet available for all turnouts.

Turnout Motors

PL10, PL10E & PL11 – Tried and Tested

The Tried and Tested PL10 electric twin-solenoid motor is suitable for underfloor installation and has been one of PECO's most popular motors for decades. It requires an opening measuring approx. 40 mm x 24 mm in the layout board beneath the track sleeper.
The PL10E has an extended switching pin and is fitted using the PL9 mounting plate. Optionally, the PL13 switching unit can be added for core polarisation or signal control.
The compact PL11 is mounted directly onto the side of PECO Setrack points. This means that no drilling or cutting-out is required in the layout base.

Technical specifications for the PL10, PL10E and PL11:
- *Electric twin-solenoid motor*
- *16V AC/DC (2 – 2.4 A)*
- *For analogue and digital operation*
- *For PL10, PL11, one PL35 Capacitor Discharge Unit is required per layout.*



47PL10 *(PL10)*
Turnout Motor*, standard*



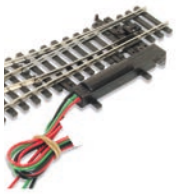
47PL10E *(PL10E)*
Turnout Motor*, extended pin*



47PL9 *(PL9)*
Mounting Plates *for PL10E, 5 pieces*



47PL13 *(PL13)*
switch *for PL10 / PL10E*



47PL11 *(PL11)*
Turnout Motor*, side mounted*

PL1000 – Modern and Easy

The TWISTLOCK™ Turnout motor is compatible with all PECO turnouts up to 0 gauge. It can be fitted either above or below the layout base – without the need for soldering or large cut-outs. The motor requires a clearance of approx. 50 mm x 50 mm x 50 mm and can optionally be controlled using the PL1005 double Microswitch.



47PL1000 *(PL1000)*
TwistLock Turnout motor

47PL1005 *(PL1005)*
TwistLock Microswitch

TWISTLOCK™

PL1000 Technical Specifications:
- *TWISTLOCK™ electric twin-solenoid motor*
- *16 V AC (max. 3 A)*
- *For analogue and digital operation*
- *For PL1000, one PL35 Capacitor Discharge Unit is required per layout.*

PLS100 – Slow and Realistic Point Movement

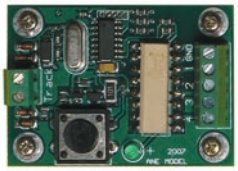
The SMARTSWITCH™ system is based on servos and enables slow, realistic movements for turnouts, signals and other accessories such as level crossings. The system can be operated either in analogue mode using 12 V DC or in digital mode via an optional PLS135 DCC decoder.



47PLS100 *(PLS100)*
SmartSwitch Starter-Set Contents
- *SmartSwitch Controll Board*
- *Programming Board*
- *4 x servos*
- *4 x switches*
- *4 x operating wires*

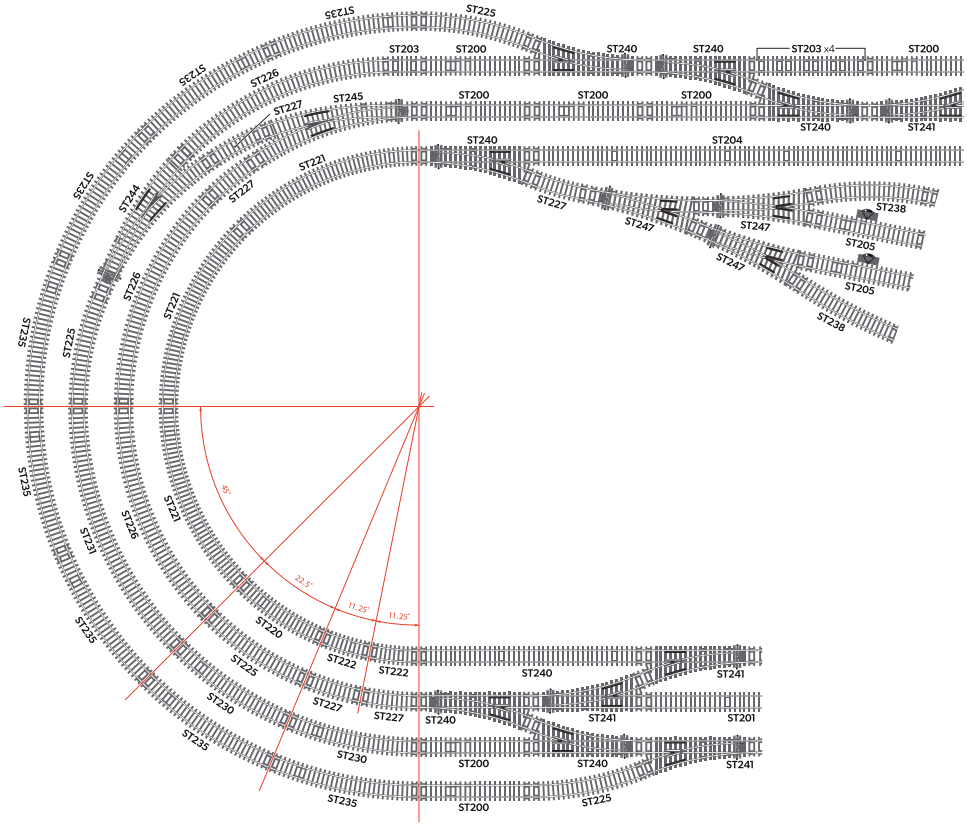
SmartSwitch™

PLS100 technical specifications:
- *Servo-based drive*
- *9 adjustable speeds*
- *For 12 V DC or digital use with the PLS135 decoder*



47PLS135 *(PLS135)*
SmartSwitch Decoder

PECO Setrack H0 – Code 100



The PECO Setrack H0 – Code 100 track system enables quick and straightforward layout construction. The curved tracks are available in four radii and, with a fixed track spacing of 67 mm, ensure that the tracks run neatly parallel to one another.

Radii:
- *Radius R1: 371 mm*
- *Radius R2: 438 mm*
- *Radius R3: 505 mm*
- *Radius R4: 571.5 mm*

Geometrically, the left and right Turnouts correspond to a curve of radius R2 and a standard straight line respectively.

Curved Turnout are also seamlessly integrated into the track geometry and, together with other track components, enable space-saving track changes between parallel lines.

The Y Turnout can be combined with the special ST-238 extension curve.

47ST100 *(ST100)*
Starter Track Set R2,
1626 mm x 991 mm
Contents:
- *3x ST200 Standard Straights, 168 mm*
- *5x ST201 Double Straights, 335 mm*
- *1x ST202 Short Straight, 79 mm*
- *3x ST225 Standard Curves R2, 22,5°*
- *7x ST226 Double Curves R2, 45°*
- *1x ST240 Right Hand Turnout R2, 22,5°*
- *1x ST241 Left Hand Turnout R2, 22,5°*
- *2x ST270 Buffer Stops*
- *1x ST273 Power Connecting Clips*
- *1x STP00 Setrack Planbook*

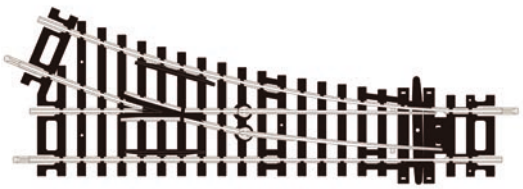


47ST101 *(ST101)*
Starter Track Set R3,
1829 x 1143 mm
Contents:
- *2 x ST200, Standard Straights 168 mm*
- *4 x ST201, Double Straights 335 mm*
- *8 x ST231, Double Curves R3, 45°*
- *2 x ST240, Right Hand Turnout R2, 22.5°*
- *2 x ST270, Buffer Stop*
- *1 x ST273, Power Connecting Clips*
- *1 x STP00, Setrack Planbook*



Turnouts & Crossings

INS = Isolated Frog. See page 453 for further information!



Turnout, L168 mm, R2 – 438 mm, 22.5°
47ST240 *(ST240)* *right, INS*
47ST241 *(ST241)* *left, INS*



Curved Turnout, R2 – 438 mm / R3 – 505 mm, 11.25°
47ST244 *(ST244)* *right, INS*
47ST245 *(ST245)* *left, INS*



Turnout Y, L170 mm, R859.6 mm, 22.5°
47ST247 *(ST247)* *INS*



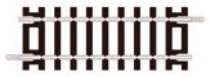
Crossing, L168 mm, 22.5°
47ST250 *(ST250)* *INS*

Straight Tracks & Special Tracks



47ST203 (ST203) **Special Short Straight**, 41 mm, 1 piece

47ST2003 (ST2003) **Special Short Straight**, 41 mm, Pack of 4



47ST202 (ST202) **Short Straight**, 79 mm, 1 piece

47ST2002 (ST2002) **Short Straight**, 79 mm, Pack of 4



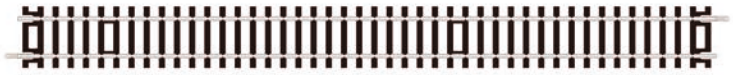
47ST205 (ST205) **Isolating Standard Straight & Switch**, 168 mm, 1 piece

47ST2005 (ST2005) **Isolating Standard Straight & Switch** 168 mm, Pack of 2



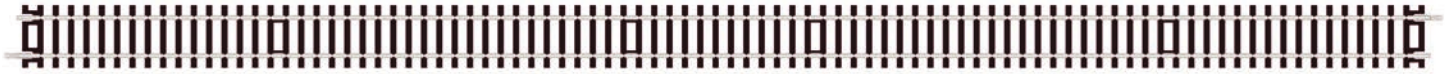
47ST200 (ST200) **Standard Straight**, 168 mm, 1 piece

47ST2000 (ST2000) **Standard Straight**, 168 mm, Pack of 8



47ST201 (ST201) **Double Straight**, 335 mm, 1 piece

47ST2001 (ST2001) **Double Straight**, 335 mm, Pack of 8



47ST204 (ST204) **Long Straight**, 670 mm, 1 piece

Curved Tracks

Radius R1: 371 mm



47ST222 (ST222) **Half Curved Track R1**, 11.25°, 1 piece



47ST220 (ST220) **Standard Curved Track R1**, 22.5°, 1 piece

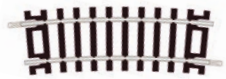
47ST2020 (ST2020) **Standard Curved Track R1**, 22.5°, Pack of 8



47ST221 (ST221) **Double Curved Track R1**, 45°, 1 piece

47ST2021 (ST2021) **Double Curved Track R1**, 45°, Pack of 4

Radius R2: 438 mm



47ST227 (ST227) **Half Curved Track R2**, 11.25°, 1 piece



47ST225 (ST225) **Standard Curved Track R2**, 22.5°, 1 piece

47ST2025 (ST2025) **Standard Curved Track R2**, 22.5°, Pack of 8



47ST226 (ST226) **Double Curved Track R2,** 45°, 1 piece

47ST2026 (ST2026) **Double Curved Track R2,** 45°, Pack of 4

Radius R3: 505 mm



47ST230 (ST230) **Standard Curved Track R3**, 22.5°, 1 piece

47ST2030 (ST2030) **Standard Curved Track R3**, 22.5°, Pack of 8



47ST231 (ST231) **Double Curved Track R3**, 45°, 1 piece

47ST2031 (ST2031) **Double Curved Track R3**, 45°, Pack of 4

Radius R4: 571.5 mm



47ST235 (ST235) **Standard Curved Track R4** , 22.5°, 1 piece

47ST2035 (ST2035) **Standard Curved Track R4** , 22.5°, Pack of 8

Special Curved Track R571.5 mm



47ST238 (ST238) **Special Curved Track for ST247**, 11.25°, 1 piece

47ST2038 (ST2038) **Special Curved Track for ST247**, 11.25°, Pack of 2

Accessories



47ST280 (ST280) **Fixing Nails** for H0 Setrack, 25 g



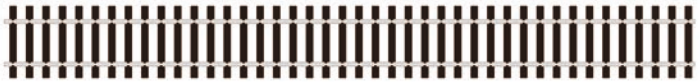
47ST273 (ST273) **Power Connecting Clips** for H0 Streamline/Setrack

PECO Streamline H0 – Code 100

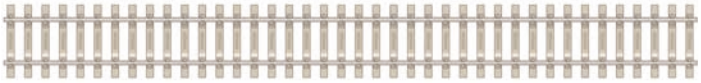
The Streamline H0 – Code 100 track system is ideal for running both older and modern rolling stock together. The Code 100 profile accommodates wheel set profiles of up to 1.6 mm and ensures reliable operation.

For parallel straight tracks, a track spacing of at least 50.8 mm is recommended. In curved sections, this spacing should be increased accordingly and tested individually with the rolling stock in use. Can be used in combination with the Setrack H0 – Code 100 track system.

Flexible Tracks



47SL100 (SL100) **Flex Track Wood-Sleeper**, 914 mm



47SL103 (SL103) **Flex Track Concrete-Sleeper**, 914 mm

Turnouts & Crossings

INS = Isolated Frog, ELE = Electro Frog, UNI = Universal Frog – See page 453 for further information!



Short Turnout, L185 mm, R610 mm, 12°
47SL91 (SL91) right, INS
47SLE91 (SLE91) right, ELE
47SL92 (SL92) left, INS
47SL92E (SL92E) left, ELE



Medium Turnout, L219 mm, R914 mm, 12°
47SL95 (SL95) right, INS
47SLE95 (SLE95) right, ELE
47SL96 (SL96) left, INS
47SLE96 (SLE96) left, ELE



Large Turnout, L259 mm, R1524 mm, 12°
47SL88 (SL88) right, INS
47SLE88 (SLE88) right, ELE
47SL89 (SL89) left, INS
47SLE89 (SLE89) left, ELE



Curved Turnout, L258 mm, R1524/762 mm, 20.5/9.5°
47SL86 (SL86) right, INS
47SLE86 (SLE86) right, ELE
47SL87 (SL87) Left, INS
47SLE87 (SLE87) Left, ELE



Curved Turnout, L259 mm, R438 mm, 11.25°
47SLU76 (SLU76) right, UNI
47SLU77 (SLU77) left, UNI



Short Crossing, L127 mm, 24°
47SL93 (SL93) INS



Long Crossing, L249 mm, 12°
47SL94 (SL94) INS



Simple Slip, L249 mm, 12°
47SL80 (SL80) INS



Double Slip, L249 mm, 12°
47SL90 (SL90) INS



3 Way Turnout, L220 mm, R610 mm, 12°
47SL99 (SL99) INS
47SLE99 (SLE99) ELE



Y Turnout, L220 mm, R1829 mm, 12°
47SL98 (SL98) INS
47SLE98 (SLE98) ELE



Short Y Turnout, L147.5 mm, R610 mm, 24°
47SLU97 (SLU97) UNI

Accessories



47SL10 (SL10)
Rail Joiners – Nickel Silver, 24 pieces



47SL11 (SL11)
Rail Joiners – Insulated, 12 pieces



47SL113 (SL113)
Transition Track C75/100, 4 pieces



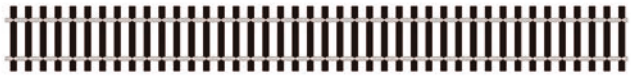
47SL14 (SL14)
Track Fixing Pins, 14 mm, 8 g

PECO Streamline H0 – Code 75

With its low rail height, the Streamline H0 – Code 75 track system offers a particularly realistic track layout and is suitable for most modern rolling stock. For older models, the wheel profiles and wheel set internal dimensions should be checked; all models with NEM 310 or RP 25 wheel sets are compatible.

For parallel straight tracks, a track spacing of at least 50.8 mm is recommended. In curved sections, this spacing should be set slightly wider and tested individually with the rolling stock in use.

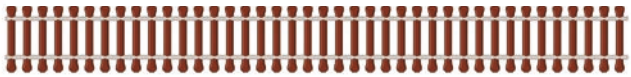
Flexible Tracks



47SL100F (SL100F) **H0 (C75) Flex Track Wood-Sleeper**, 914 mm



47SL102F (SL102F) **Flex Track Concrete-Sleeper**, 914 mm



47SL104F (SL104F) **Flex Track Steel-Sleeper**, 914 mm



47SL106F (SL106F) **Flex Track Bi-Bloc Concrete-Sleeper**, 914 mm

Turnouts & Crossing

INS = Isolated Frog, ELE = Electro Frog – See page 453 for further information!



Short Turnout, L185 mm, R610 mm, 12°
47SLE191 (SLE191) right, ELE
47SLE192 (SLE192) left, ELE



Medium Turnout, L219 mm, R914 mm, 12°
47SLE195 (SLE195) right, ELE
47SLE196 (SLE196) left, ELE
47SLE1095 (SLE1095) right, Concrete-Sleeper, ELE
47SLE1096 (SLE1096) left, Concrete-Sleeper, ELE



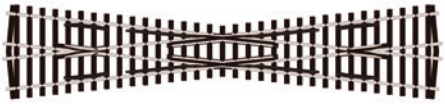
Large Turnout, L259 mm, R1524 mm, 12°
47SLE188 (SLE188) right, ELE
47SLE189 (SLE189) Left, ELE



Curved Turnout, L258 mm, R1524/762 mm, 20.5/9.5°
47SLE186 (SLE186) right, ELE
47SLE187 (SLE187) left, ELE



Short Crossing, L127 mm, 24°
47SL193 (SL193) INS
47SLE193 (SLE193) ELE



Long Crossing, L249 mm, 12°
47SL194 (SL194) INS
47SLE194 (SLE194) ELE



Single Slip Crossing, L249 mm, 12°
47SL180 (SL180) INS
47SLE180 (SLE180) ELE



Double Slip Crossing, L249 mm, 12°
47SL190 (SL190) INS
47SLE190 (SLE190) ELE



3 Way Turnout Assym, L273 mm, R914 mm, 12°
47SLE199 (SLE199) ELE



Y Turnout, L220 mm, R1829 mm, 12°
47SLE198 (SLE198) ELE



Short Y Turnout, L148 mm, R610 mm, 24°
47SLE197 (SLE197) ELE

Accessories



47SL110 (SL110)
Rail Joiners – Nickel Silver, 24 pieces



47SL111 (SL111)
Rail Joiners – Insulated, 12 pieces



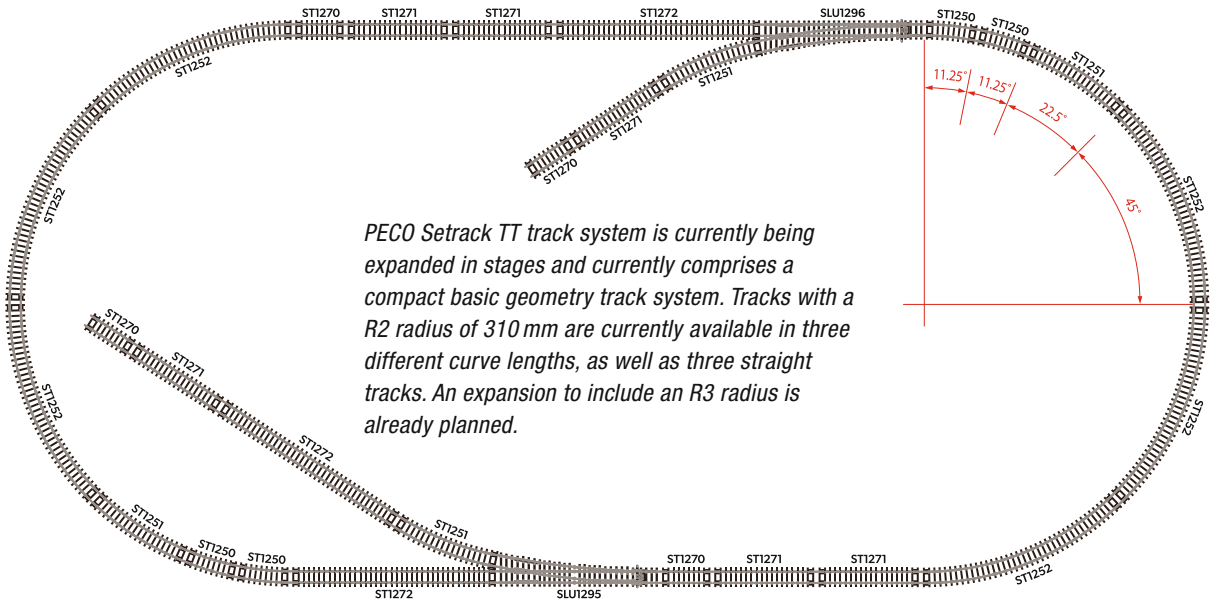
47SL113 (SL113)
Transition Track C75/100, 4 pieces



47SL14 (SL14)
Track Fixing Pins, 14- mm, 8 g

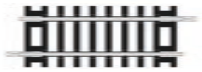
PECO Setrack TT – Code 55

Track Geometry

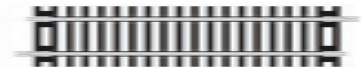


PECO Setrack TT track system is currently being expanded in stages and currently comprises a compact basic geometry track system. Tracks with a R2 radius of 310 mm are currently available in three different curve lengths, as well as three straight tracks. An expansion to include an R3 radius is already planned.

Straight Tracks

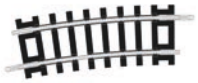


47ST1270 *(ST1270)*
***Short Straight**, 59 mm, Pack of 4*

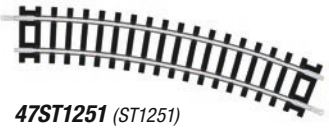


47ST1271 *(ST1271)*
***Standard Straight**, 118 mm, Pack of 4*

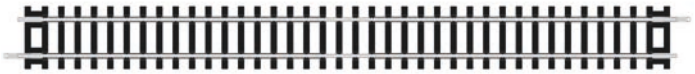
Curved Tracks



47ST1250 *(ST1250)*
***Half Curved Track R2 – 310 mm**, 11.25°, Pack of 4*



47ST1251 *(ST1251)*
***Curved Track R2 – 310 mm**, 22.5°, Pack of 8*



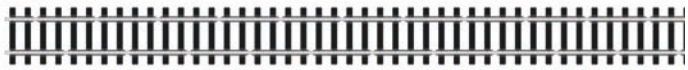
47ST1272 *(ST1272)* ***Double Straight**, 236 mm, Pack of 4*



47ST1252 *(ST1252)*
***Double Curved Track R2 – 310 mm**, 45°, Pack of 4*

PECO Streamline TT – Code 55

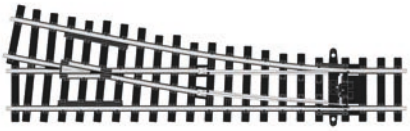
Flexible Track



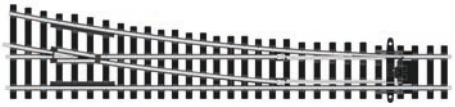
47SL1200 *(SL1200)* ***Flex Track Wood-Sleeper**, 914 mm*

Turnouts & Crossings

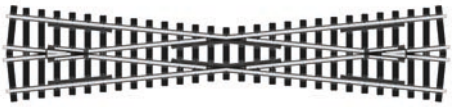
UNI = Universal Frog – See page 453 for further information!



Short Turnout, L135 mm, R466 mm, 11.25°
47SLU1291 *(SLU1291 right, UNI*
47SLU1292 *(SLU1292) left, UNI*



Medium Turnout, L180 mm, R922.6 mm, 11.25°
47SLU1295 *(SLU1295) right, UNI*
47SLU1296 *(SLU1296) left, UNI*



Long Crossing, L180 mm, 11.25°
47SLU1294 *(SLU1294) UNI*

Accessories



47SL310 *(SL310)*
***Rail Joiners – Nickel Silver**, 24 pieces*



47SL311 *(SL311)*
***Rail Joiners – Insulated**, 12 pieces*



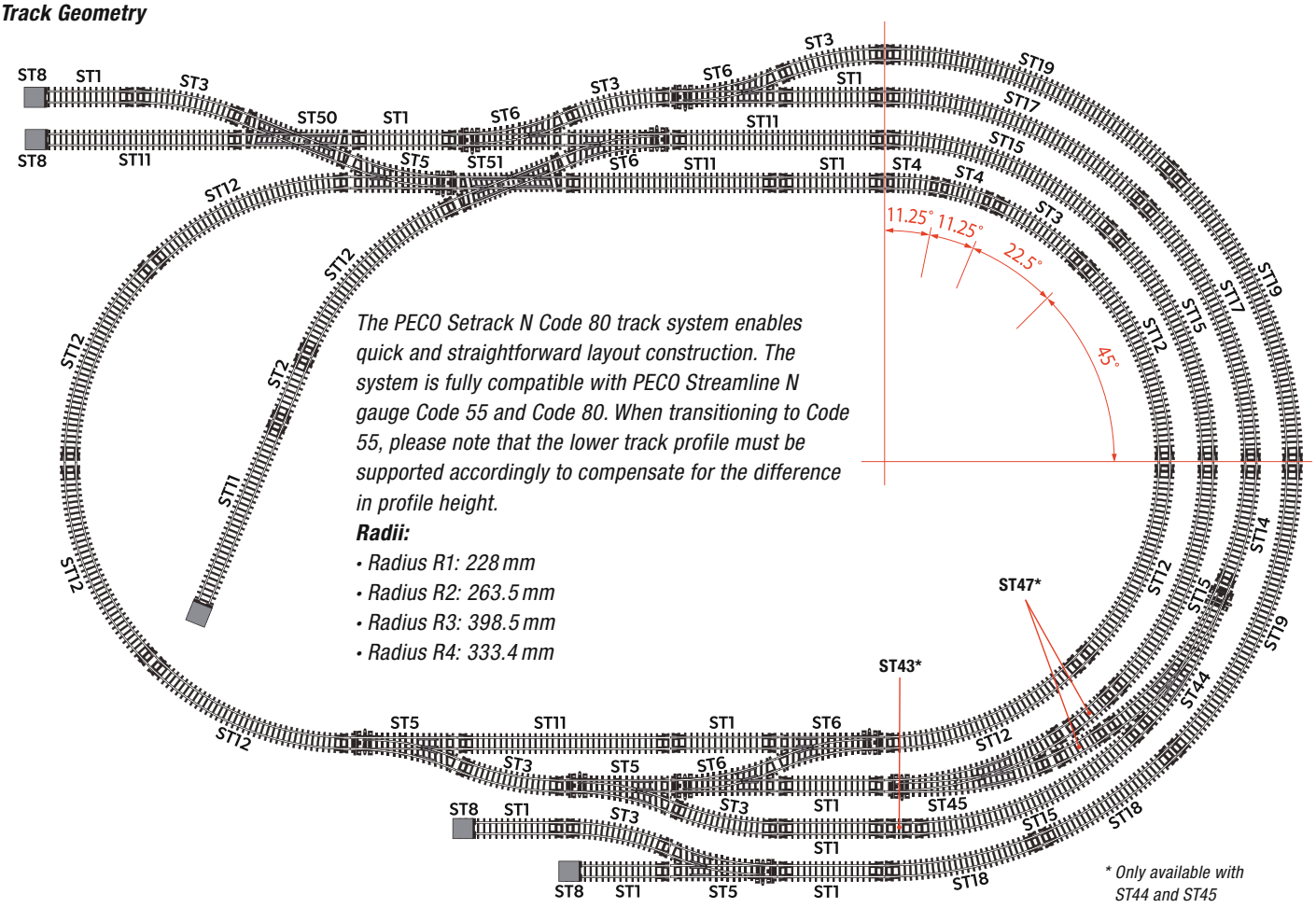
47SL1208 *(SL1208)*
***Additional Sleepers Wood**, 24 pieces*



47SL14 *(SL14)*
***Track Fixing Pins**, 14 mm, 8 g*

PECO Setrack N – Code 80

Track Geometry



The PECO Setrack N Code 80 track system enables quick and straightforward layout construction. The system is fully compatible with PECO Streamline N gauge Code 55 and Code 80. When transitioning to Code 55, please note that the lower track profile must be supported accordingly to compensate for the difference in profile height.

Radii:

- *Radius R1: 228 mm*
- *Radius R2: 263.5 mm*
- *Radius R3: 398.5 mm*
- *Radius R4: 333.4 mm*

** Only available with ST44 and ST45*

47ST300 *(ST300)*
Starter Track Set C80 *R1, 610 x 914 mm*
Contents:

- *6x ST1 Standard Straights, 87 mm*
- *3x ST11 Double Straights, 174 mm*
- *5x ST3 Standard Curves R1, 22,5°*
- *6x ST12 Double Curves R1, 45°*
- *1x ST5 Right Hand Turnout R1, 22,5°*
- *1x ST6 Left Hand Turnout R1, 22,5°*
- *2x ST8 Buffer Stops*
- *2x ST9 Power Connecting Clips*
- *1x IN1 N Setrack Planbook*



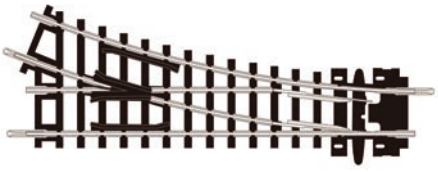
47ST301 *(ST301)*
Starter Track Set C80 *R2, 686 mm x 991 mm*
Contents:

- *4x ST1 Standard Straights, 87 mm*
- *4x ST11 Double Straights, 174 mm*
- *8x ST15 Double Curves R2, 45°*
- *1x ST10 Standard Straight (Wired), 87 mm*
- *2x ST5 Right Hand Turnouts R1, 22,5°*
- *2x ST8 Buffer Stops*
- *1x IN1 N Setrack Planbook*

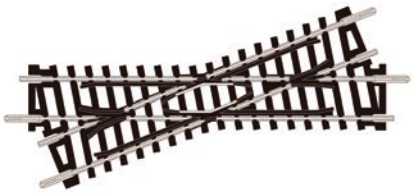


Turnouts & Crossing

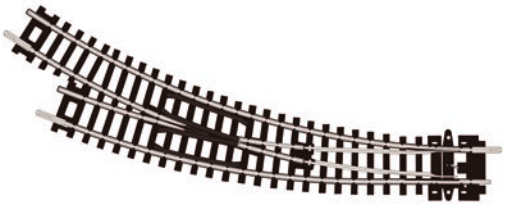
INS = Isolated Frog – See page 453 for further information!



Turnout, L87 mm, R228 mm, 22.5°
47ST5 *(ST5) right, INS*
47ST6 *(ST6) left, INS*

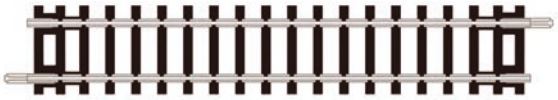


Short Crossing, L87 mm, 22.5°
47ST50 *(ST50) right, INS*
47ST51 *(ST51) left, INS*

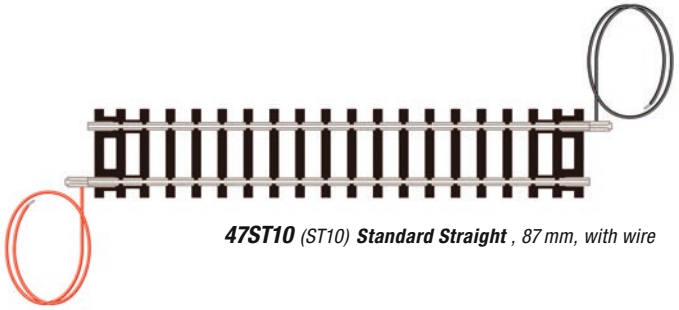


Curved Turnout, L138,5/156 mm
47ST44 *(ST44) right, INS*
47ST45 *(ST45) left, INS*

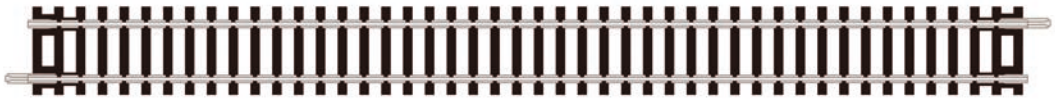
Straight Tracks



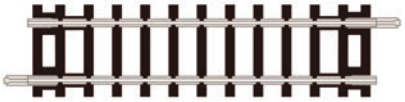
47ST1 *(ST1)* ***Standard Straight** , 87 mm, 1 piece*
47ST3001 *(ST3001)* ***Standard Straight** , 87 mm, Pack of 8*



47ST10 *(ST10)* ***Standard Straight** , 87 mm, with wire*



47ST11 *(ST11)* ***Double Straight** , 174 mm, 1 piece*
47ST3011 *(ST3011)* ***Double Straight** , 174 mm, Pack of 8*



47ST2 *(ST2)* ***Short Straight** , 58 mm, 1 piece*
47ST3002 *(ST3002)* ***Short Straight** , 58 mm, Pack of 4*

Curved Tracks

Radius R1: 228 mm



47ST4 *(ST4)*
***Half Curved Track R1**, 11.25°, 1 piece*
47ST3004 *(ST3004)*
***Half Curved Track R1**, 11.25°, Pack of 4*



47ST3 *(ST3)*
***Standard Curved Track R1**, 22.5°, 1 piece*
47ST3003 *(ST3003)*
***Standard Curved Track R1**, 22.5°, Pack of 8*



47ST12 *(ST12)* ***Double Curved Track R1**, 45°, 1 piece*
47ST3012 *(ST3012)* ***Double Curved Track R1**, 45°, Pack of 4*

Radius R2: 263.5 mm



47ST14 *(ST14)*
***Standard Curved Track R2**, 22.5°, 1 piece*
47ST3014 *(ST3014)*
***Standard Curved Track R2**, 22.5°, Pack of 8*



47ST15 *(ST15)* ***Double Curved Track R2**, 45°, 1 piece*
47ST3015 *(ST3015)* ***Double Curved Track R2**, 45°, Pack of 4*

Radius R3: 298.5 mm



47ST16 *(ST16)*
***Standard Curved Track R3**, 22.5°, 1 piece*
47ST3016 *(ST3016)*
***Standard Curved Track R3**, 22.5°, Pack of 8*



47ST17 *(ST17)* ***Double Curved Track R3**, 45°, 1 piece*
47ST3017 *(ST3017)* ***Double Curved Track R3**, 45°, Pack of 4*

Radius R4: 333.4 mm



47ST18 *(ST18)*
***Standard Curved Track R4**, 22.5°, 1 piece*
47ST3018 *(ST3018)*
***Standard Curved Track R4**, 22.5°, Pack of 8*



47ST19 *(ST19)* ***Double Curved Track R4**, 45°, 1 piece*
47ST3019 *(ST3019)* ***Double Curved Track R4**, 45°, Pack of 4*

PECO Streamline N – Code 80

The Streamline N – Code 80 track system is one of the most popular track systems for N gauge. The tracks are suitable for models from all leading N gauge manufacturers.

For parallel straight tracks, a track spacing of at least 26.5 mm is recommended. In curved sections, this spacing should be increased accordingly and tested individually with the rolling stock in use.

Code 80 and Code 55 tracks can be combined without any problems thanks to their identical rail connectors. When transitioning to Code 55, it is important to note that the lower track profile must be underpinned accordingly to compensate for the difference in profile height.

Flexible Tracks



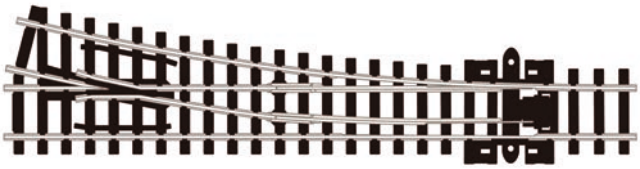
47SL300 (SL300) **Flex Track Wood-Sleeper**, 914 mm



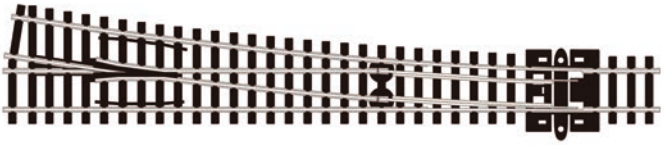
47SL303 (SL303) **Flex Track Concrete-Sleeper**, 914 mm

Turnouts & Crossing

INS = Isolated Frog, ELE = Electro Frog – See page 453 for further information!



Medium Turnout, L123.7 mm, R457 mm, 12°
47SL395 (SL395) right, INS
47SLE395 (SLE395) right, ELE
47SL396 (SL396) left, INS
47SLE396 (SLE396) left, ELE



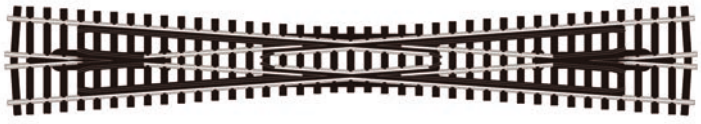
Large Turnout, L160 mm, R914 mm, 8°
47SL388 (SL388) right, INS
47SLE388 (SLE388) right, ELE
47SL389 (SL389) left, INS
47SLE389 (SLE389) left, ELE



Curved Turnout L160 mm, R914/457 mm, 8°
47SL386 (SL386) right, INS
47SLE386 (SLE386) right, ELE
47SL387 (SL387) left, INS
47SLE387 (SLE387) left, ELE



Short Crossing, L91 mm, 25°
47SL393 (SL393) INS



Long Crossing, L187 mm, 8°
47SL394 (SL394) INS

(Not compatible for use with Setrack turnouts.)



Y Turnout, L127 mm, R762 mm, 8°
47SL397 (SL397) INS
47SLE397 (SLE397) ELE

Accessories



47SL310 (SL310)
Rail Joiners – Nickel Silver, 24 pieces



47SL311 (SL311)
Rail Joiners – Insulated, 12 pieces



47SL336 (SL336)
6ft-way Gauge



47SL14 (SL14)
Track Fixing Pins, 14 mm, 8 g

PECO Streamline N – Code 55

The Streamline N – Code 55 track system impresses with its highly realistic appearance, combined with high stability and operational reliability. Despite the low visible rail height of just 1.4 mm, the track is suitable for models from all leading N gauge manufacturers.

For parallel straight tracks, a track spacing of at least 26.5 mm is recommended. In curved sections, this spacing should be increased accordingly and tested individually with the rolling stock in use.

Code 80 and Code 55 tracks can be combined without any problems thanks to their identical rail connectors. When transitioning to Code 80, it is important to ensure that the lower track profile is underpinned appropriately to compensate for the difference in profile height.

Flexible Tracks



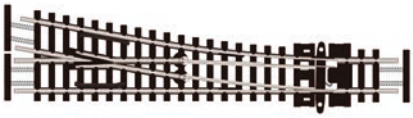
47SL300F *(SL300F)* ***Flex Track Wood-Sleeper****, 914 mm*



47SL302F *(SL302F)* ***Flex Track Concrete-Sleeper****, 914 mm*

Turnouts & Crossing

INS = Isolated Frog, ELE = Electro Frog – See page 453 for further information!



Short Turnout, L123 mm, R305 mm, 10°
47SLE391F *(SLE391F)* *right, ELE*
47SLE392F *(SLE392F)* *left, ELE*



Medium Turnout, L137 mm, R457 mm, 10°
47SLU395F *(SLU395F)* *right, UNI*
47SLU396F *(SLU396F)* *left, UNI*



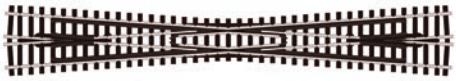
Large Turnout, L164 mm, R914 mm, 10°
47SLE388F *(SLE388F)* *right, ELE*
47SLE389F *(SLE389F)* *left, ELE*



Curved Turnout, L160 mm, R914/457 mm, 10°
47SLE386F *(SLE386F)* *right, ELE*
47SLE387F *(SLE387F)* *left, ELE*



Short Crossing, L104 mm, 20°
47SLE393F *(SLE393F)* *ELE*



Long Crossing, L154 mm, 10°
47SLE394F *(SLE394F)* *ELE*
47SL394F *(SL394F)* *INS*



Single Slip Crossing, L154 mm, 10°
47SLE380F *(SLE380F)* *ELE*
47SL380F *(SL380F)* *INS*



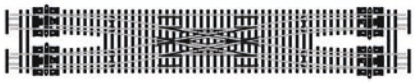
Double Slip Crossing, L154 mm, 10°
47SLE390F *(SLE390F)* *ELE*
47SL390F *(SL390F)* *INS*



3-Way Tunrout Assym, L153 mm, R457 mm, 10°
47SLE399F *(SLE399F)* *ELE*



Y Turnout, L154 mm, R762 mm, 10°
47SLE397F *(SLE397F)* *ELE*



Scissors Crossover, L271 mm, R511 mm, 10°
47SLE383F *(SLE383F)* *ELE*

Accessories



47SL310 *(SL310)*
Rail Joiners – Nickel Silver*, 24 pieces*



47SL311 *(SL311)*
Rail Joiners – Insulated*, 12 pieces*



47SL336 *(SL336)*
6ft-way Gauge



47SL14 *(SL14)*
Track Fixing Pins*, 14 mm, 8 g*

TRACKSETTA® – Track Templates for H0, TT and N

With TRACKSETTA® track templates for H0, TT and N, track laying is precise, simple and reliable. Straight sections are aligned with precision, whilst curves are laid cleanly, evenly and without kinks or abrupt changes in direction.

A properly laid track is the foundation for reliable and trouble-free train services.

The spacer gauges are designed to ensure the precise laying of parallel tracks.



47SL36 *(SL36)* ***H0 Gauge ,*** *50.5/66.5 mm*



4700T10 *(00T10)* ***H0 Straight Track Template,*** *254 mm*



4700T18 *(00T18)* ***H0 Curved Track Template*** *R475 mm*



4700T21 *(00T21)* ***H0 Curved Track Template*** *R533 mm*



4700T24 *(00T24)* ***H0 Curved Track Template*** *R610 mm*



4700T30 *(00T30)* ***H0 Curved Track Template*** *R762 mm*



4700T36 *(00T36)* ***H0 Curved Track Template*** *R915 mm*

4700T42 *(00T42)* ***H0 Curved Track Template*** *R1067 mm*



4700T48 *(00T48)* ***H0 Curved Track Template*** *R1219 mm*



4700T60 *(00T60)* ***H0 Curved Track Template*** *R1524 mm*

Gauge H0 *H0, 00, 0e and other tracks with a gauge of 16.5 mm.*		***Gauge TT*** *TT, H0m and other tracks with a gauge of 12 mm.*		***Gauge N*** *N, H0e, 00-9 and other tracks with a gauge of 9 mm.*	
NOCH ref.	***Description***	***NOCH ref.***	***Description***	***NOCH ref.***	***Description***
47SL36	*Gauge 50.5/66.5 mm*			*47SL336*	*Gauge N 26.5/35 mm*
4700T10	*Straight, L254 mm*	*47TTT8*	*Straight, L254 mm*	*47NT10*	*Straight, 254 mm*
4700T18	*Radius 475 mm*	*47TTT9*	*Radius 228 mm*	*47NT9*	*Radius 228 mm*
4700T21	*Radius 533 mm*	*47TTT12*	*Radius 305 mm*	*47NT12*	*Radius 305 mm*
4700T24	*Radius 610 mm*	*47TTT15*	*Radius 381 mm*	*47NT15*	*Radius 381 mm*
4700T30	*Radius 762 mm*	*47TTT18*	*Radius 457 mm*	*47NT18*	*Radius 457 mm*
4700T36	*Radius 915 mm*	*47TTT21*	*Radius 533 mm*	*47NT21*	*Radius 533 mm*
4700T42	*Radius 1067 mm*	*47TTT24*	*Radius 610 mm*	*47NT24*	*Radius 610 mm*
4700T48	*Radius 1219 mm*	*47TTT30*	*Radius 762 mm*	*47NT30*	*Radius 760 mm*
4700T60	*Radius 1524 mm*			*47NT36*	*Radius 915 mm*

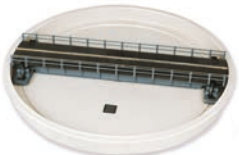
Accessories



47PT60 *(PT60)*
Flexi Loco Lift – single
for N, H0, 00-9, H0n3, H0m



47PT61 *(PT61)*
Flexi Loco Lift – double
for N, H0, 00-9, H0n3, H0m



47LK55 *(LK55)*
H0, Turntable*, 305 mm*
Requires: 309 mm /
Depth: 31 mm



47NB55 *(NB55)*
N, Turntable, *151 mm*
Requires: 155 mm /
Depth: 25 mm

47LK56 *(LK56)*
H0, Code 100, Inspection Pit
297 x 14 mm, 9 mm high

47LK156 *(LK156)*
H0, Code 75, Inspection Pit
297 x 14 mm, 9 mm high



47NB56F *(NB56F)*
N, Code 55, Inspection Pit
171 x 8 mm, 6 mm high





Quality and precision in track construction.

Within ten years, ROKUHAN has managed to make a name for itself amongst Z-gauge fans. And not by chance – the quality and precision of their products have convinced railway modellers of this.
ROKUHAN is absolutely delighted by this enthusiasm and is thanking its fans with an even wider range of products.
Your dealer will be happy to advise you.

Info tip: ROKUHAN Z-gauge track system

Further information is available online at www.rokuhan.de.
Order two of these revolutionary Z-gauge tracks directly from us! Simply send us an email to info@noch.de with the subject line:
'ROKUHAN Z-gauge sample' and we'll send you two free sample tracks. See for yourself why this is the Z-gauge track of the future.

G 1 0 HO TT N Z



ROKUHAN JAPAN

ROKUHAN Online Shop

Here you will find all the items available and the key information.

ROKUHAN Latest news on the blog

Here you'll find all our new products, promotions and special product features:
www.rokuhan.de/rokuhan-aktuelles-im-blog/

Service & Advice

Here you can find information on ROKUHAN track geometry, applicationtips, technical specifications and track plans:
www.rokuhan.de/service-beratung

Visit the website

ROKUHAN

Controller and Switch – from page 466
• *Japanese precision and technology*

Track System with Its Own Track Bed – from page 468
• *Attractive, robust, extremely sturdy and easy to lay*

Houses and Buildings – page 471
• *Easy to assemble and beautifully painted*

Turntable and Roundhouse – Page 472
• *Technically sophisticated, stylish and impressively designed*

Bridges, Bridge Piers and Viaducts – page 472
• *Easy to assemble and beautifully painted*

Locomotives and Trains – from page 473

Shortys – Page 475

Train Controller and Electricity Supplier

You'll have everything under control with the stylish 'RC03' Train Controller or the 'RC02' Compact Controller from ROKUHAN. You'll have the 'RC03' connected to the feeder track and wired in the turnouts in no time. Thanks to an additional battery compartment (8 x AA batteries) on the underside of the controller, the transformer can even be operated without having to be plugged in, so you can use it while on the go.

The 'RC02' is the right choice (8 x AAA batteries) for the thrifty person.

7297304 ***Compact Controller RC02***

7297305 ***Train Controller with Constant Lighting RC03***
Power supply via plug-in power supply unit 'Switching AC Adaptor' (ref. 7297411) or via AA batteries (both not included).

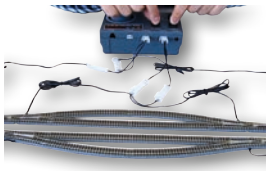
7297453 ***Throttle Lever Real Type***
Replacement Controller for RC02, RC03



RC03 Train Controller with Constant Lighting



'RC03' battery compartment



Connecting 4 points onto the 'RC03' with the help of the Y Cable (ref. 7297405)



Control Switches (Ref. 7297302) on 'RC03'
Without batteries and plug-in adapter

'RC03' Technical Information and Features:
- *Input: AC 100-240 V*
  Output: 10 V, 900 mA
- *Sensitive potentiometer*
- *Short-circuit proof*
- *Directional switch (forwards, backwards, zero setting)*
- *Plug-in connections on the side for additional control switches*
- *Dimensions of the RC03 Controller: 153 mm x 96 mm x 49 mm*
- *Constant lighting (driving lights, interior lighting)*
- *Two integrated turnout switches, i.e. two or four turnouts can be connected up to the controller (via the Y Cable) and switched*

Turnout Switches

The turnout switches from ROKUHAN are true all-rounders with their many connection possibilities. Thanks to the plug-in connectors, the turnouts can be easily and quickly 'wired into' the turnout switches. Fiddly soldering or the use of strip connectors is a thing of the past. The switches are simply connected to the sides of the ROKUHAN 'RC03' Train Controller or 'RC02' Compact Controller with plug-in connectors.

Simply attach it on and you're done! The switches can also be operated directly via an additional AC Adapter (ref. 7297411) – a connection socket is available at the switch.

If you're using a Märklin® or other Z-gauge transformer, you'll need the AC Cable (ref. 7297410).



Turnout Switch with 'RC03' Train Controller



Turnout Switch to transformer from another manufacturer (here: Märklin®)



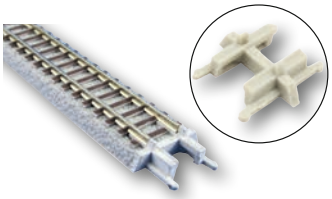
Turnout Switch with direct power supply via an additional AC Adapter (ref. 7297411)

Reverse Loop Switch and Insulated Rail Joiner

Electrically separate tracks can be easily and safely installed with the Insulated Rail Joiner. To do so, the regular rail joiners are removed and replaced with the Insulated Rail Joiners.
It's very easy to reverse the polarity of the positive and negative pole with the plug-in Reverse Loop Switch: simply stop the train before the second insulation point, turn the Reverse Loop Switch and turnout and then your train can continue on its journey. Very easy!



7297303 ***Reverse Loop Switch***



7297413 ***Insulated Rail Joiner***
2 pieces

Feeder Track

ROKUHAN has come up with a unique and clever solution to the problem of how to ensure a power connection. The bed under the straight tracks has a piece integrated into its body that can be removed to expose the rail for connecting it to a power supply (see Fig. 1).
The Feeder Cable's plug is designed so that it can be inserted directly into this position (see Fig. 2.). And voilà – the connection is done!
This method can be carried out without much effort and soldering work, and electricity can be fed through to places later, as desired.

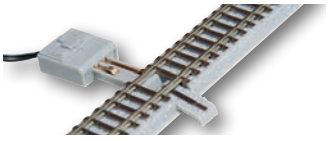


Fig. 1

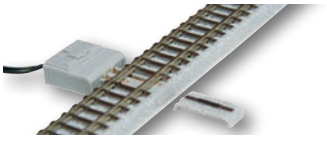


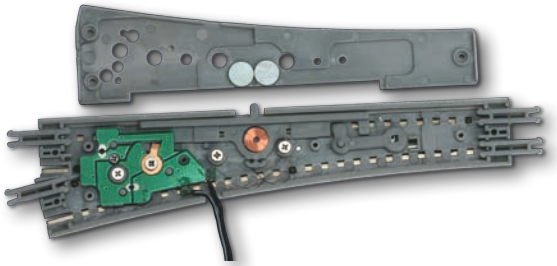
Fig. 2

You'll find a vast number of helpful videos on the subject of ROKUHAN (including instructions for assembling, installing and renovating) on the YouTube channel https://www.youtube.com/user/Rokuhan65

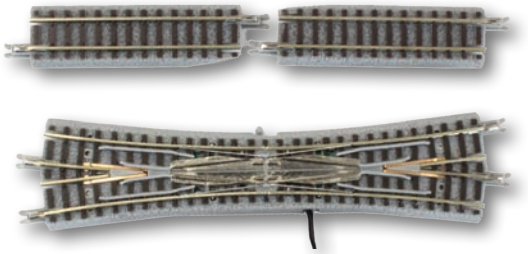
Turnouts– Clever Technology and Handling

ROKUHAN's track geometry includes four types of points: straight points, length 110 mm, R490°-26°; straight points, length 55 mm, R127-26°; curved points, R195/220-30°; and double slip points, 112.8 mm, 13°.

The points can be operated manually or electrically. The drives are housed directly in the track bed.
For further information, visit www.rokuhan.de.



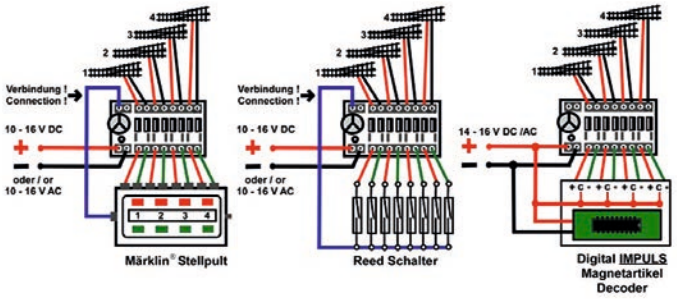
Turnout drives integrated in the bed with the strongest neodymium magnets currently available guarantee pulling power.



Because it often gets narrow in the transition area around the opposite curve, ROKUHAN provides an appropriately cut track, so that the turnouts can be laid easily and quickly.

Turnout Module

Switching ROKUHAN turnouts is now even easier – digital as well as analogue!



Whether you are just getting started or want to use your existing system, the Turnout Module can be used with 2 x 4-button control panels, e.g. from Märklin® and other control panels with button functions for controlling ROKUHAN turnouts. A total of 4 turnouts can be switched with each Turnout Module. The turnouts, the control panel and the power supply are connected via screw terminals. Furthermore, switching digitally and with reed contacts is possible with an added solenoid accessory decoder. Soldering is not necessary.
The connection is made via AC or DC with 10 to 16 V.

The NOCH Turnout Module can also be connected to a solenoid accessory decoder. On the output side, some decoders on the common terminal have negative potential and others positive potential. The NOCH Turnout Module requires positive potential at the common terminal (often called 'terminal C'), at the decoder's respective switching output. Such decoders are, for example: LENZ LS100 (ref. 1110) and ESU Switch Pilot V 2.0 4 x Solenoid Accessory Decoder (ref. 51820).
Pay particular attention to the manufacturer's information on the decoder.

Turnout Module	
NOCH Ref.	***Description***
60264	*Turnout module for ROKUHAN Z-gauge turnouts*

Controllers, Switches, Cables, Track Accessories, LED Lighting (Houses)

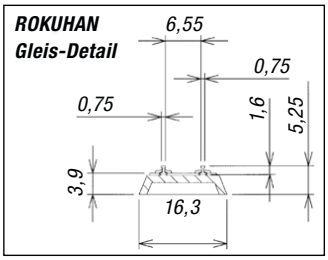
Speed controllers & switches		
NOCH Ref.	***ROKUHAN Ref.***	***Description***
7297304	*RC02*	*RC02 Compact Controller, 94 mm x 71 mm x 37 mm, without AC Adapter, can also be operated with 8 AAA batteries (input AC 100–240 V; output max. 10 V, 800 mA)*
7297305	*RC03*	*RC03 Train Controller with Constant Lighting, 153 mm x 96 mm x 49 mm, without AC Adapter, can also be operated with 8 AA batteries*
7297453	*A062*	*Throttle Lever Real Type (RC02 and RC03)*
7297302	*C002*	*Turnout Switch, 95 mm x 65 mm x 30 mm (RC02 and RC03)*
7297303	*C003*	*Reverse Loop Switch (RC02 and RC03)*
7297306	*C004*	*Switch for Accessories (e.g. LED lights), 95 mm x 65 mm x 30 mm*
7297411	*A045D*	*AC Adapter, compatible with ref. 7297302, 7297304 and 7297305*

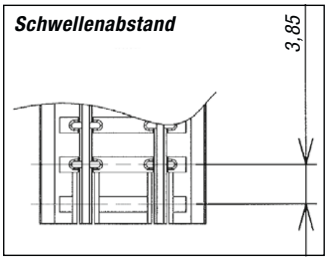
Cables & Track Accessories		
NOCH Ref.	***ROKUHAN Ref.***	***Description***
7297408	*A008*	*T Feeder Cable (power supply), 70 cm*
7297403	*A003*	*Extension Feeder Cable, 150 cm*
7297429	*A029*	*Y Power Feeder Cable, for connecting two parallel tracks*
7297404	*A004*	*Extension Cable for Points Connection, 150 cm*
7297405	*A005*	*Y Cable, for connecting two parallel points*
7297410	*A010*	*AC Cable for Turnout Switches, for third-party transformers*
7297412	*A012*	*Rail Joiners*
7297413	*A013*	*Insulated Rail Joiner*
7297414	*A014*	*Conversion Joiner, for third-party track systems*
7297402	*A002*	*Rerailer, 145 mm x 25 mm x 15 mm*

LED lighting (houses and buildings)		
7297416	*A016*	*Accessory Power Terminal*
7297417	*A017-1*	*LED Light, white*
7297401	*A017-2*	*LED Light, orange*

ROKUHAN Z-Gauge Track Assortment

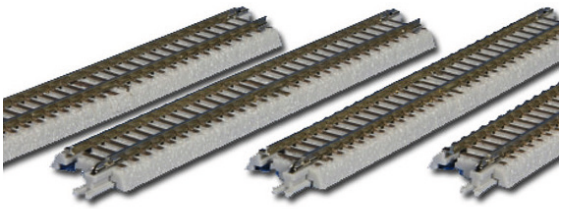
The ROKUHAN track system is characterised by the highest levels of precision and quality. The Z-gauge (6.5 mm) rails, on a scale of 1:220, impress with their excellent conductivity and durability. The ballast bed combines stability with realism. Whether for quick assembly or a highly detailed model railway – ROKUHAN's robust track system provides the perfect foundation for any model railway layout!





Easy to use!

- *Easy and secure connection of the rails using special rail connectors*
- *You can hear and feel the rail shoes click into place thanks to the clip fastenings*
- *Quick and easy assembly and dismantling of your model railway layout*

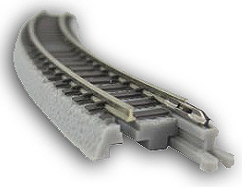


A realistic look thanks to wood or Concrete sleepers!

The grey track bed with detailed wooden sleepers creates an authentic, classic look. Some tracks are also available with concrete sleepers. You can choose between the classic tracks with wooden sleepers or the tracks with concrete sleepers!

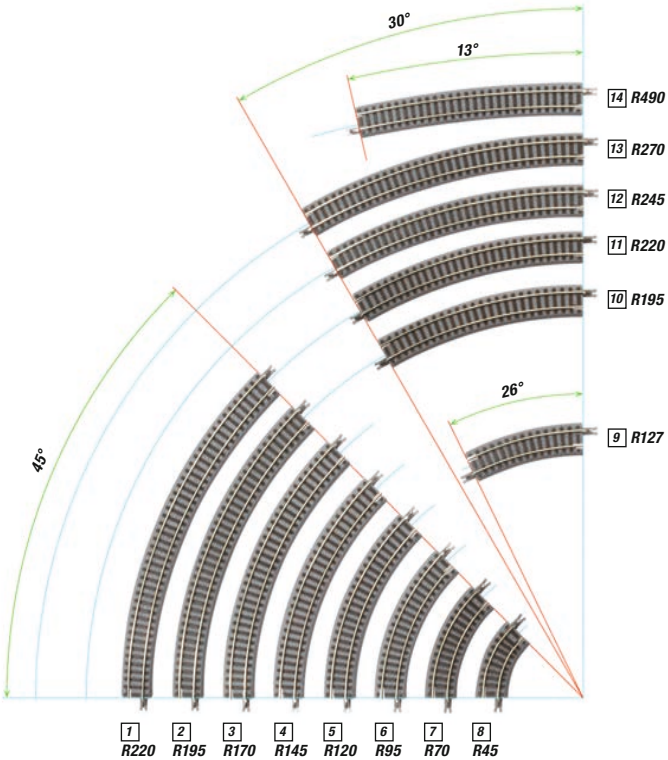


Concrete sleeper



wooden sleeper

Curved Tracks



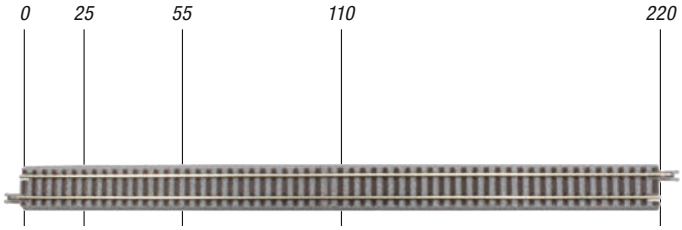
Note:
ROKUHAN Curved Tracks

Radius smaller than R170 are only suitable for short, two-axle vehicles.

Curved Tracks – with wooden sleepers			
	NOCH Ref.	***ROKUHAN Ref.***	***Description***
1	*7297004 (4 pcs.)*	*R004*	*Curved Track R220-45°*
2	*7297002 (4 pcs.)*	*R002*	*Curved Track R195-45°*
3	*7297003 (4 pcs.)*	*R003*	*Curved Track, R170–45°*
4	*7297005 (4 pcs.)*	*R005*	*Curved Track R145-45°*
5	*7297011 (4 pcs.)*	*R011*	*Curved Track R120-45°*
6	*7297010 (4 pcs.)*	*R010*	*Curved Track R95-45°*
7	*7297018 (4 pcs.)*	*R018*	*Curved Track R70-45°*
8	*7297046 (4 pcs.)*	*R046*	*Curved Track R45-45°*
9	*7297019 (2 pcs.)*	*R019*	*Curved Track R127-26° (opposite curve)*
10	*7297032 (6 pcs.)*	*R032*	*Curved Track R195-30°*
11	*7297033 (6 pcs.)*	*R033*	*Curved Track R220-30°*
12	*7297014 (6 pcs.)*	*R014*	*Curved Track R245-30°*
13	*7297015 (6 pcs.)*	*R015*	*Curved Track R270-30°*
14	*7297012 (2 pcs.)*	*R012*	*Curved Track R490-13° (opposite curve)*

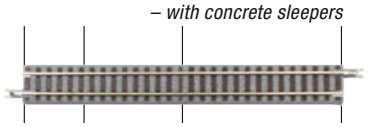
Curved Tracks – with concrete sleepers			
	NOCH Ref.	***ROKUHAN Ref.***	***Description***
10	*7297051 (6 pcs.)*	*R051*	*Curved Track R195-30°*
11	*7297052 (6 pcs.)*	*R052*	*Curved Track R220-30°*
12	*7297053 (6 pcs.)*	*R053*	*Curved Track R245-30°*
13	*7297054 (6 pcs.)*	*R054*	*Curved Track R270-30°*
14	*7297059 (2 pcs.)*	*R059*	*Curved Track R490-13° (opposite curve)*

Straight Tracks and Special Tracks



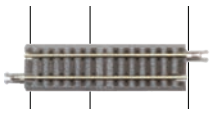
7297009 (R009) **Straight Track**, with slot for cable, 220 mm (4 pieces) – with wooden sleepers

7297050 (R050) **Straight Track**, with slot for cable, 220 mm (4 pieces) – with concrete sleepers



7297001 (R001) **Straight Track**, with slot for cable, 110 mm (4 pieces) – with wooden sleepers

7297049 (R049) **Straight Track**, with slot for cable, 110 mm (4 pieces) – with with concrete sleepers

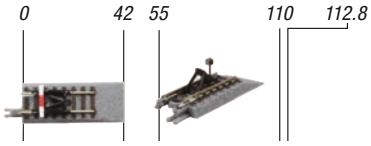


7297024 (R024) **Straight Track**, with slot for cable, 55 mm (2 pieces) – with wooden sleepers

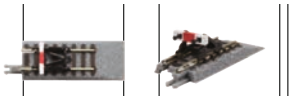
7297048 (R048) **Straight Track**, with slot for cable, 55 mm (2 pieces) – with concrete sleepers



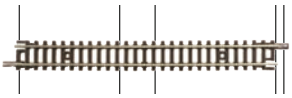
7297030 (R030) **Straight Track**, 25 mm (4 pieces)– with concrete sleepers



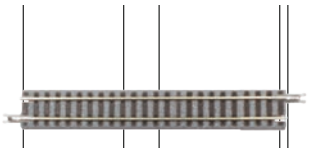
7297013 (R013) **Japanese Buffer**, 42 mm (2 pieces) – with wooden sleepers



7297029 (R029) **European Buffer**, 42 mm (2 pieces) – with wooden sleepers

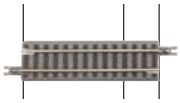


7297045 (R045) **Straight Track**, without track bed, 110 mm (2 pieces) – with wooden sleepers

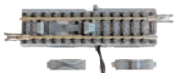


7297036 (R036) **Straight Track**, with slot for cable, 112.8 mm (2 pieces) – with wooden sleepers

7297038 (R038) **Straight Track**, with slot for cable,112.8 mm (2 pieces) – with concrete sleepers



7297037 (R037) **Uncoupler Track**, for Micro Train®, 55 mm (1 piece) – with wooden sleepers



7297077 (R077) **Uncoupler Track** for Märklin® & Arnold, 55 mm (1 piece) – with wooden sleepers

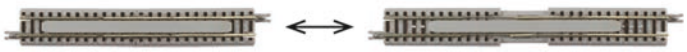


7297083 (R083) **Straight Track**, with slot for cable, 440 mm (2 pieces) – with wooden sleepers

7297084 (R084) **Straight Track**, with slot for cable, 440 mm (2 pieces) – with concrete sleepers



7297016 (R016) **Flexible Track**, 330 mm (1 piece) – with concrete sleepers



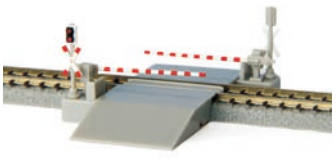
7297031 (R031) **Adjustable Track**, 100 – 120 mm (1 piece) – with wooden sleepers



7297786 (S045-1) **Railroad Crossing, Japan Type,** (1 piece)



7297787 (S045-2) **Railroad Crossing, US Type** (1 piece)

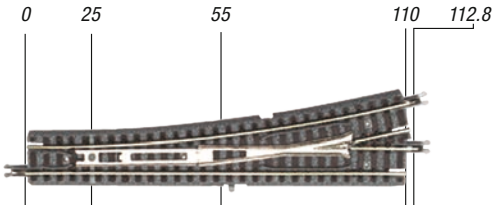


7297788 (S045-3) **Railroad Crossing, EU Type,** (1 piece)

Special Tracks – with wooden sleepers		
NOCH Ref.	**ROKUHAN Ref.**	**Description**
7297064 (6 pcs.)	R064	Super-Elevated Track, R195-30°
7297065 (6 pcs.)	R065	Super-Elevated Track, R220-30°
7297073 (6 pcs.)	R073	Super-Elevated Track, R245-30°
7297074 (6 pcs.)	R074	Super-Elevated Track, R270-30°

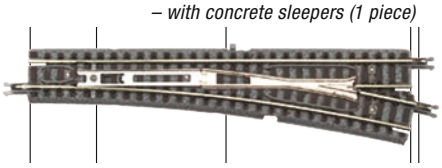
Special Tracks – with concrete sleepers		
NOCH Ref.	**ROKUHAN Ref.**	**Description**
7297066 (6 pcs.)	R066	Super-Elevated Track, R195-30°
7297067 (6 pcs.)	R067	Super-Elevated Track, R220-30°
7297075 (6 pcs.)	R075	Super-Elevated Track, R245-30°
7297076 (6 pcs.)	R076	Super-Elevated Track , R270-30°

Turnouts and Crossings



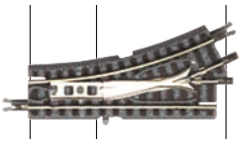
7297039 *(R039)* ***Left Electric Turnout****, R490-13°, 110 mm,*
with 1 x cut Straight Track, 110 mm
– with wooden sleepers (1 piece)

7297055 *(R055)* ***Left Electric Turnout****, R490-13°, 110 mm,*
with 1 x cut Straight Track, 110 mm
– with concrete sleepers (1 piece)

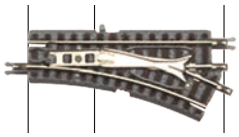


7297040 *(R040)* ***Right Electric Turnout****, R490-13°, 110 mm,*
with 1 x cut Straight Track, 110 mm
– with wooden sleepers (1 piece)

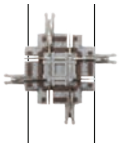
7297056 *(R056)* ***Right Electric Turnout****, R490-13°, 110 mm,*
with 1 x cut Straight Track, 110 mm
– with concrete sleepers (1 piece)



7297022 *(R022)* ***Left Electric Turnout****, R127-26°, 55 mm,*
with 1 x cut Straight Track, 55 mm
– with wooden sleepers (1 piece)

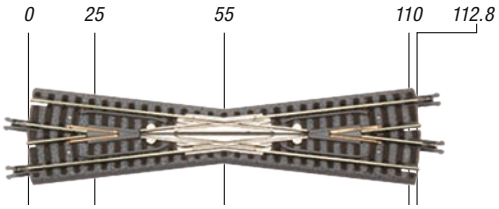


7297023 *(R023)* ***Right Electric Turnout****, R127-26°, 55 mm,*
with 1 x cut Straight Track, 55 mm
– with wooden sleepers (1 piece)

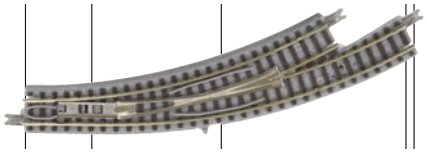


7297025 *(R025)* ***Crossing 90°****, 25 mm*
– with wooden sleepers (1 piece)



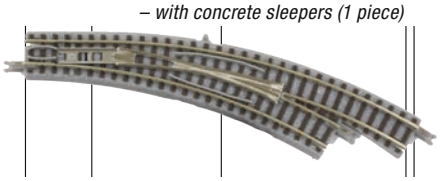


7297020 *(R020)* ***Crossing 13°****, 112.8 mm,*
with 2 x Adjustment Track 53.6 mm
– with wooden sleepers (1 piece)



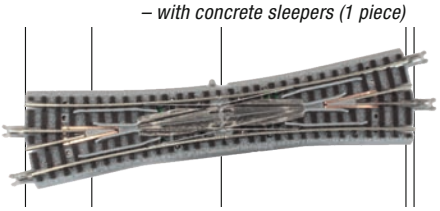
7297026 *(R026)* ***Left Curved Turnout****, R220/195-30°, 112.8 mm,*
with 1 x cut Curved Track
– with wooden sleepers (1 piece)

7297057 *(R057)* ***Left Curved Turnout****, R220/195-30°, 112.8 mm,*
with 1 x cut Curved Track
– with concrete sleepers (1 piece)



7297027 *(R027)* ***Right Curved Turnout****, R220/195-30°, 112.8 mm,*
with 1 x cut Curved Track
– with wooden sleepers (1 piece)

7297058 *(R058)* ***Right Curved Turnout****, R220/195-30°, 112.8 mm,*
with 1 x cut Curved Track
– with concrete sleepers (1 piece)

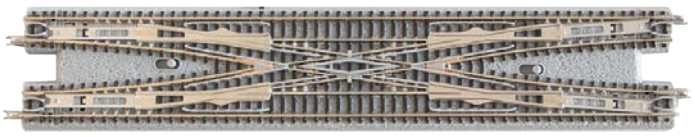


7297034 *(R034)* ***Electric Double-Slip Turnout****, 112.8 mm 13° +*
2 x 53.6 mm Straight Track cut left
– with wooden sleepers (1 piece)

7297068 *(R068)* ***Electric Double-Slip Turnout****, 112.8 mm 13° +*
2 x 53.6 mm Straight Track cut left
– with concrete sleepers

7297035 *(R035)* ***Electric Double-Slip Turnout****, 112.8 mm 13° +*
2 x 53.6 mm Straight Track cut right
– with wooden sleepers (1 piece)

7297069 *(R069)* ***Electric Double-Slip Turnout****, 112.8 mm 13° +*
2 x 53.6 mm Straight Track cut right
– with concrete sleepers (1 piece)



7297078 *(R078)* ***Double Crossover (braces)***
220 mm, 25 mm track distance
– with wooden sleepers (1 piece)

7297082 *(R082)* ***Double Crossover (braces)***
220 mm, 25 mm track distance
– with concrete sleepers (1 piece)

Note:
ROKUHAN Turnouts/Turnout Switches

- *The turnouts should only be operated with the C002 ROKUHAN Turnout Switch or via RC03 controller.*
- *To use control panels with a push button, please use the Turnout Module (NOCH ref. 60264).*
- *Misuse of the turnouts (blade is not in the direction of travel) can cause a short circuit.*

Track Sets

ROKUHAN's track sets provide the perfect foundation for a quick and easy start with Z gauge. The sets contain well-designed and tried-and-tested track combinations that allow you to build an oval track or a varied route in no time at all – ideal for beginners and experts alike!



7297028 *(R028)* ***Track Set A****, Simple Oval*
630 mm x 410 mm

Contents*: 8 x curved track R195-40°,*
4 x straight track, 110 mm



7297047 *(R047)* ***Track Set B****, Siding*
440 mm x 40.5 mm

Contents: *2 x electric turnout R490-13°, 110 mm*
(1 x left / 1x right), 2x straight track, 110 mm,
2 x curved track R490-13°



7297062 *(R062)* ***Track Set C****, Double Oval*
900 mm x 460 mm

Contents*: 2x right electric turnout R490-13°*
Curved track (8x R195-45°, 8x R220-45°),
Straight track (4x 220 mm; 4x 110 mm)



7297063 *(R063)* ***Track Set D****, Classic Oval*
860 mm x 560 mm

Contents: *8 x curved track R195-30°,*
Straight track
(2 x 110 mm; 1 x 55 mm; 2 x 25 mm),
16 x viaduct with curved track;
7 x viaduct with straight track, 110 mm,
23 x piers, 1 x box girder bridge with track



7297079 *(R079)* ***Track Set E****, Mini Double Oval*
370 mm x 260 mm

Contents: *2 x 55 mm right electric turnout,*
Curved track (8 x R95-45°; 8x R120-45°),
Straight track (2 x 110 mm; 2 x 55 mm)



7297080 *(R080)* ***Track Set F****, Track Oval with Siding*
1155 mm x 485 mm

Contents: *1 x double-crossing.*
Curved track (8 x R220-45°; 1 x R490-13°),
Straight track (7 x 220 mm; 2 x 110 mm;
2 x 53.6 mm; 2 x 55 mm),
2 x buffer stops (Japanese)

Houses and Buildings



7297660 *(S049-1)*
Convenience Store
orange / beige / grey , 4.5 cm x 7 cm,
2.4 cm high

7297661 *(S049-2)*
Convenience Store
blue / grey, 4.5 cm x 7 cm,
2.4 cm high



7297665 *(S051-1)*
Wooden Engine House, *darkbrown,*
13 cm x 4.3 cm, 4.8 cm high

7297666 *(S051-2)*
Wooden Engine House,
brown, 13 cm x 4.3 cm, 4.8 cm high



7297626 ***(S042-1)***
Two-Storied House, Type A
3.7 cm x 5.5 cm, 3.8 cm high



7297628 ***(S043-1)***
Two-Storied House, Type B
3.4 cm x 4.2 cm, 3.6 cm high



7297215 ***(S033-2)***
Commercial Building B
5 cm x 5 cm, 7 cm high



7297208 ***(S028-1)***
Tiled-Roof Barn, *grey*
3.8 cm x 3 cm, 3 cm high

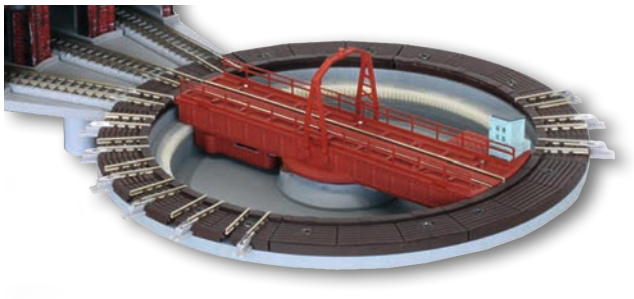
Turntable and Round House

Turntable

Enjoy a technically sophisticated turntable from ROKUHAN – be it analogue or digital (DCC). You get 8 track connections in the basic set, which can be extended to a total of 24. The stepping motor's delicate controls allow an optimal run-up to the individual tracks and the attractive controller offers clear functionality that you will find pleasing.

Round House

Complete your Turntable with this stylish Round House, which makes your model landscape even more impressive. The kit contains 2 different façades that you can use. This 3-piece segment can of course be extended as desired and can also be easily retrofitted with lighting (white LED 7297417 or orange LED 7297401, distributor connection 7297416).



7297613 *(S037)* ***Electric Turntable***
17 cm x 17 cm, 3.5 cm high



7297614 *(S038)* ***Round House***
19.5 cm x 20.5 cm, 6.3 cm high

Platforms & Railway Stations



7297632 *(S046-1)*
Island Platform Basic Set
43 cm x 3.3 cm, 3.4 cm high

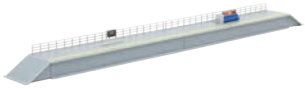


7297633 *(S046-2)*
Island Platform Extension Set
11 cm x 3.3 cm, 3.4 cm high



7297634 *(S047-1)*
Station *(blue roof),*
25.8 (22) cm x 8.1 cm, 3.4 cm high

7297635 *(S047-2)*
Station *(red roof),*
25.8 (22) cm x 8.1 cm, 3.4 cm high



7297636 *(S048-1)*
One-Sided Platform Set
25.8 (22) cm x 2.4 cm, 2.1 cm high

Bridges, Bridge Piers and Viaduct Segments

In addition to the usual interesting bridges, ROKUHAN's modern viaduct segments are waiting for you. The easy-to-mount segments are supplied without a track, so you have a free choice of tracks to choose from: rails with beds (wooden or concrete sleepers) and also without beds. ROKUHAN offers suitable bridge piers for crossings (e.g. in city areas).



7297041 *(R041)*
Box Girder Bridge*, dark green, single-track, 220 mm*

7297042 *(R042)*
Box Girder Bridge*, red, single-track, 220 mm*

7297061 *(R061)*
Box Girder Bridge*, brown, single-track, 220 mm*



7297043 *(R043)*
Box Girder Bridge*, dark green, double-track, 220 mm*

7297044 *(R044)*
Box Girder Bridge*, beige, 2-track, 220 mm*

7297060 *(R060)*
Box Girder Bridge*, brown, double-track, 220 mm*

7297094 *(R094)*
Box Girder Bridge*, black, 2-track, 220 mm*



7297088 *(R088)*
Box Girder Bridge*, red, single-track, 110 mm*

7297089 *(R089)*
Box Girder Bridge*, green, single-track, 110 mm*

7297090 *(R090)*
Box Girder Bridge*, dark grey, single-track, 110 mm*



7297070 *(R070)*
Deck Girder Bridge*, dark red, single-track, 110 mm*

7297071 *(R071)*
Deck Girder Bridge*, green, single-track, 110 mm*

7297072 *(R072)*
Deck Girder Bridge*, dark grey, single-track, 110 mm*



7297085 *(R085)*
Deck Girder Bridge*, dark red, single-track, 55 mm*

7297086 *(R086)*
Deck Girder Bridge*, green, single-track, 55 mm*

7297087 *(R087)*
Deck Girder Bridge*, dark grey, single-track, 55 mm*



7297604 *(S017)*
Set of bridge piers *in ascending order, maximum height: 40 mm, 10 pieces*

7297605 *(S018)*
Bridge pier set*, height 40 mm , 6 pieces*



7297600 *(S010)*
Viaduct, straight*, single-track, 110 mm*



7297606 *(S019)*
Viaduct, straight*, 2-track, 110 mm*



7297601 *(S011)*
Viaduct*, curved, single-track, R195 mm, 30°, 3 pieces*



7297602 *(S012)*
Viaduct*, curved, single-track, R220 mm, 30°, 3 pieces*



7297603 *(S013)*
Viaduct*, curved, 2-track, R195 mm 30° / R220 mm 30°, 3 pieces*



7297611 *(S035)*
Viaduct Step*, single-track*

7297612 *(S036)*
Viaduct Step*, 2-track*

Shinkansen 'HIKARI' Series 0

As the first commercial train to reach speeds in excess of 200 km/h, the Series 0 set new standards and inspired the development of high-speed trains worldwide. This model is a faithful replica of the Shinkansen 'HIKARI', which took up his post on 1 October 1964.

Model features:

- *Minimum radius: R195 mm*
- *Precision clutch covers with recessed grips*
- *The headlights for the front and rear lights change depending on the direction of travel*
- *Compatible with interior lighting #7297409 / #7297433*



Ref. 7298027

NOCH Ref.	ROKUHAN Ref.	Description
7297942	T020-1	Series 0 Shinkansen 'HIKARI 1', 12-Car set
7298027	T020-2	Series 0 Shinkansen 'HIKARI', 4-Car Basic Set
7298028	T020-3	Series 0 Shinkansen 'HIKARI', 8-Car Extension set
7298029	G010-1	Series 0 Shinkansen 'HIKARI 2', Starter Set

JNR Limited Express 'HIBARI'

The Japanese National Railways (JNR) 485 series set new standards in express train services and became famous throughout the country. Around 1978, the 'Hibari' operated on the Tohoku Main Line between Ueno and Sendai stations. The model impresses with its precise detailing and original colour scheme.

Model features:

- *Minimum radius: R95 mm*
- *Compatible with interior lighting #7297409, 7297432*



Ref. 7297871

NOCH Ref.	ROKUHAN Ref.	Description
7297871	T030-1	JNR Limited Express ‚HIBARI' 485, 6-Car Basic Set
7297872	T030-2	JNR Limited Express ‚HIBARI' 485, 7-Car Extension set

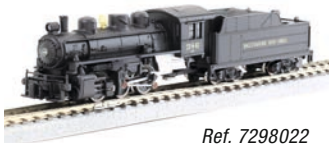
US Steam Locomotive – USRA 0-6-0

The USRA 0-6-0 was built to the standards of the United States Railroad Administration (USRA) and is one of North America's most iconic steam locomotives. With a total of 255 units produced by LCO, the steam locomotive was supplied to various railway companies across North America. Thanks to its compact size, the steam locomotive is ideal for use as a shunting locomotive.

Model features:

- *Minimum radius: R195 mm*
- *American Knuckle couplings fitted (replacement possible)*
- *Lighting in the direction of travel*

NOCH Ref.	ROKUHAN Ref.	Description
7298022	T040-1	USRA 0-6-0 Baltimore & Ohio #386
7298023	T040-2	USRA 0-6-0 Baltimore & Ohio #353
7298024	T040-3	USRA 0-6-0 Baltimore & Ohio #365



Ref. 7298022



Ref. 7298023



Ref. 7298024

Steam Locomotive – C11

The C11 is a small steam locomotive that is ideally suited to shunting and to small-scale, local passenger and freight services.
Around 400 units were produced for the JNR (Japan National Railway) and other private railway companies in the 1930s. Today, a total of five C11s are still in service.

Model features:

- *Minimum radius: R95 mm*



Ref. 7297756

NOCH Ref.	ROKUHAN Ref.	Description
7297756	T019-1	JNR C11 #178, 3rd version
7297757	T019-2	JNR C11 #325
7297758	T019-3	JNR C11 #165
7297759	T019-4	JNR C11 #200
7297838	T019-5	JNR C11 #207
7297810	T019-10	C11 #123 'TAIJU'

EF66 Electric Locomotive

The Japanese EF66 electric locomotive is available in a number of livery variants. In 1963, the locomotive entered series production as a high-speed freight locomotive for the main line between Tokaido and Sanyo. With four axles and a central motor, the locomotive can effortlessly haul a number of freight or passenger carriages.

Model features:
- *Minimum radius: R95 mm*

NOCH Ref.	ROKUHAN Ref.	Description
7297727	T008-2	EF66, Trail Version (blue / beige)
7297728	T008-3	EF66, Later Version / Renewed (blue / grey)
7297730	T008-5	EF66, Later Version (blue)



Ref. 7297730



Ref. 7297727



Ref. 7297728

Diesel Locomotive – DE10

Modelled on the DE10 diesel locomotive (1966–1978), this locomotive remains in service in Japan to this day. It was developed as a shunting and freight locomotive and, thanks to its small minimum curve radius, is suitable for compact layouts. The locomotive is characterised by its reliable drive system and precise paintwork.

Model features:
- *Minimum radius: R95 mm*

NOCH Ref.	ROKUHAN Ref.	Description
7297741	T012-2	DE10 1500 A, Nostalgic Colour (yellow)
7297742	T012-3	DE10 1500 A, Sylphide Colour (beige / green)
7297743	T012-4	DE10 1500 A, New JRF Color (red / grey)
7297781	T012-5	DE10 1500 B, Cold District – JNR (red)
7297782	T012-6	DE10 1500 B, Cold District – Renewed (blue)



Ref. 7297782

JNR 14K Passenger Car

First built in 1971 as Japanese express train carriages, a total of 325 were manufactured; these are used not only on regular express services but also as the basis for special trains such as the 'Resort', 'Europia' and 'Salon Express Tokyo'. Today, they are also in service with Tobu Railway.

Model features:
- *Minimum radius: R95 mm*
- *Compatible with the separately available interior lighting*

NOCH Ref.	ROKUHAN Ref.	Description
7297717	T006-3	14K 'Europia' Passenger Car (white/blue), 6-Car set
7297718	T006-4	14K 'Resort' Passenger Car (white/red), 4-Car set



Ref. 7297718

Freight Cars



7297721 *(T005-3)*
JNR SEKI 6000 NISHI
Limestone Quarry Cars (2 Cars)



7297778 *(T024-1)*
JNR WAMU 70000
Freight Cars (2 Cars)



7297780 *(T025-2)*
JNR TORA 45000
Freight Cars (2 Cars)



7297733 *(T004-3)*
TAKI-1000 Japanese Oil Tanker
(2 Cars)

Couplers / Interior Lighting

Couplings		
NOCH Ref.	**ROKUHAN Ref.**	**Description**
7297419 (6 pcs.)	A019	Knuckle Coupler (short), 7 mm
7297420 (6 pcs.)	A020	Knuckle Coupler (long), 11 mm
7297421 (6 pcs.)	A021	Märklin® Coupler (short), 11 mm
7297422 (6 pcs.)	A022	Märklin® Coupler (long), 13 mm
7297424 (6 pcs.)	A024	Arnold Coupler (short), 7 mm
7297425 (6 pcs.)	A025	Arnold Coupler (long), 9 mm

Note:
You can find more locomotives, multiple units, freight wagons and passenger cars in our online shop at www.rokuhan.de

ROKUHAN has thought of this too and offers the appropriate couplers for its cars and locomotives. This ensures that ROKUHAN locomotives and cars always have the right connection. You can find instructions for use on the 'ROKUHAN65' YouTube channel under 'ROKUHAN Coupler sets'

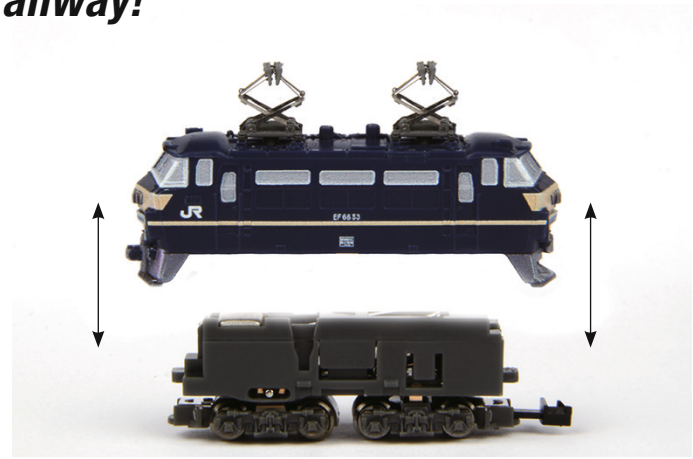
7297409 *(A009)* ***Type A for passenger cars and multiple-unit trains up to T006-4***
Interior Lighting, Type A (1 piece)

7297415 *(A015)* ***Type B for multiple-unit trains starting with T009-1***
Interior Lighting, Type B (1 piece)

The Z-Shortys – for the little model railway!

With the Z-Shortys, ROKUHAN offers an ingenious way to make the most of even the smallest spaces and keep your model railway as compact as possible. The Z-Shortys are shortened models that stand out in particular for their small minimum curve radius of just 45 mm. This means they can be run on an area measuring just 10.5 cm x 16.5 cm!

The idea behind the 'Shortys' is to use the same chassis time and time again – with or without a motor – and simply swap out the respective housing (see illustration). Using the ready-to-run chassis – the Motor Chassis (ref. 7297903, -904) or the Trailer Chassis (ref. 7297905, -906) – you can fit the Shorty bodies to them and thus assemble a fully functional train. Or you can create your own body!



Z-Shorty Housing



7297931 *(ST014-1)*
ICE 3 Housing*, red*



7297932 *(ST014-2)*
ICE 3 Housing*, green*



7297933 *(ST014-3)*
ICE 3 Housing*, blue*



7297943 *(ST015-1)*
DB Class 491 Housing*, Olympic Blue*



7297944 *(ST015-2)*
DB Class 491 Housing*, Gentian Blue*

Note:
The Shorty bodies shown here – ICE 3 and DB Class 491 – are compatible with the Shinkansen-type running gear (refs. 7297904, 7297906)

You can find more Shorty cases at your specialist retailer or in our online shop at www.rokuhan.de

Accessories



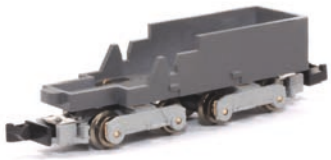
7297903 *(SA001-1)*
Shorty Motor Chassis



7297904 *(SA002-1)*
Shorty Motor Chassis Shinkansen



7297905 *(SA003-1)*
Shorty Chassis



7297906 *(SA004-1)*
Shorty Chassis Shinkansen



7297308 *(RC004)*
Train Controller 'Shorty' *, including connection cable (battery-powered)*



7297908 *(R081)*
Shorty Track Set
105 mm x 165 mm

Ref.	Page NOCH
00005	165
00006	165
00007	165
00008	165
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08441	166
08460	166
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08620	171
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Units of Measurement
1 cm = 10 mm = 0.3937 inches
1 m = 100 cm = 39.37 inches
1 inch = 2.54 cm
1 foot = 12 in. = 30.48 cm

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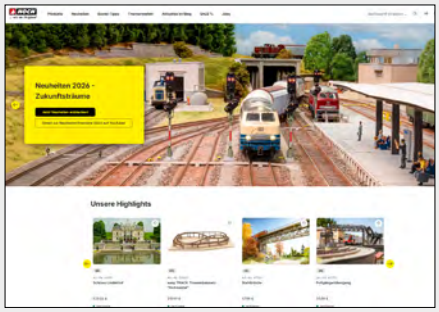

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