



## **The NOCH Gras-Master THE Original!**

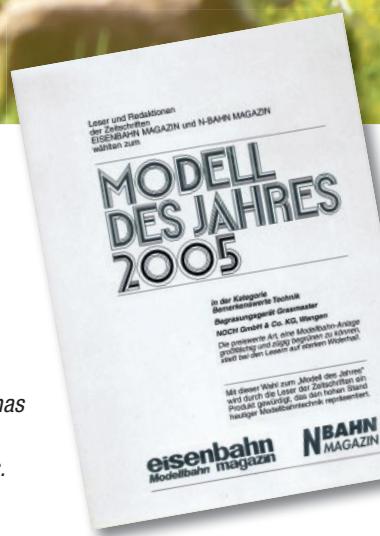
Perfect, electrostatic grass application with the NOCH Gras-Master. Don't leave your model railway flocking to just any electrostatics, rely on years of experience – go for THE original!



*Innovation for the most demanding  
modellers. Everything from a single source:  
Perfectly designed accessories*

# Discover the Fascinating World of Electrostatic Application – with Original Gras-Masters from NOCH!

With electrostatic flocking, you create lifelike meadows and landscapes on your model railway or diorama in no time at all. The principle is simple: NOCH grass fibres are charged using an electrostatic field and thus adhere vertically to the glue. This then looks like a real meadow - a deceptively real grass effect that will inspire you! NOCH offers you the right equipment for this - from the compact entry-level model Gras-Master 3.0 to the powerful Gras-Master 4.0 PROFI. With the original from NOCH, you too can achieve perfect grass application: Simply apply NOCH Grass Glue, fill the device with the fibres, attach the counter pole to the ground and the fibres will 'shoot' into the Grass Glue as if by magic.



Award-winning: The NOCH Gras-Master has won several awards from the trade press.

**The NOCH Gras-Master – THE Original!**

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



### The perfect companions



**61130** Grass Glue  
250 g



**61131** Grass Glue XL  
750 g



Huge selection of grass fibres  
for every landscape!

**Curious? Then immerse yourself  
in the world of NOCH Gras-Master  
devices and possibilities!**



Top device for professionals

## NOCH Gras-Master 4.0

### 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.

### Pro Tip

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.

### GRAS master 4.0

#### 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)



Video clip



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).

\* 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 you can use to charge the Gras-Master 4.0 PROFI. You can buy chargers in



## GRAS master 4.0 PROFI



### 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)

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\*.



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.

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!

#### Pro Tip

The Gras-Master 4.0 PROFI Set is aimed at professional users and modelling clubs. The device is designed for large-scale systems and is supplied with a comprehensive range of accessories in the exclusive transport bag.

# 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

### Flock Change Container

Suitable 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  
for Gras-Master 4.0 and 4.0 PROFI

### 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 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.



60129 **XL Flock Change Container**  
incl. 3 sieves, 1 lid  
for Gras-Master 4.0 and  
Gras-Master 4.0 PROFI

### 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 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.



60128 **Detail Flocker**  
incl. 3 sieves, 1 lid  
for Gras-Master 4.0 and  
Gras-Master 4.0 PROFI

### 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



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.

# Quick-Check

**The different variants in direct comparison. Which device is suitable for your application?**

	<b>Gras-Master 4.0</b> (Ref. 60120)	<b>Gras-Master 4.0 PROFI Set</b> (Ref. 60125)	<b>Gras-Master 3.0</b> (Ref. 60111)
<b>Voltage</b>	Permanent 15 kV	Adjustable via rotary control from 11–20 kV	Permanent 11 kV
<b>Power supply</b> <b>Runtime</b>	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
<b>Supplied</b>			
<b>Flock Change Container incl. 3 sieves and lid</b>	✓	✓	–
<b>XL Flock Change Container incl. 3 sieves, 1 lid</b>	– (available separately, ref. 60129)	✓	–
<b>Detail Flocker incl. 3 sieves and lid</b>	– (available separately, ref. 60128)	✓	–
<b>USB-C cable*</b>	✓	✓	–
<b>Transport- and Storage Bag</b>	–	✓	–
<b>Suitability</b>			
<b>Diorama/Small Layout</b>	✓	✓	✓
<b>Model Railway Layout Construction</b>	✓	✓	✓
<b>Professional application for ambitious modellers and large and club layouts</b>	–	✓	–

## GRAS master 3.0

### 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 programme. 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.



#### 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

\* Important note see page 4.

# 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 the 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!

**Top innovation!**

*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.*



**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!

Your NOCH Dealer:

**NOCH**  
... wie im Original

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