

INGLESE  
Press Release

## MASTER presents

# WEEN HIDE 180, THE INVISIBLE EVOLUTION.

The Master Group opens 2022 by launching the **NEW WEEN HIDE 180**. This is the most **advanced and high-performance** version of the WEEN series with **concealed hinges** and **opening up to 180°**. The **NEW WEEN HIDE 180** is made up of different elements suitable for making **any type of opening: from tilt & turn to casement and bottom hung systems**. The whole system is designed to meet the basic requirements of the modern aluminium window and door hardware market, such as **reliability** and **durability**.

**WEEN HIDE 180** is designed for **European chamber** systems and the new concealed hinges are made with **304 Stainless Steel levers and total black galvanised components**, guaranteeing **very high corrosion resistance (class 4)**, as well as **durability**. The system for **casement and tilt & turn opening** has a load-bearing capacity of 130 kg with 180° opening **and** 150 kg, used with the sash support (**to limit the opening**), **and** 200 kg for bottom hung opening systems.

**WEEN HIDE 180** has been **tested with maximum opening and load-bearing capacity** in MasterLAB's laboratories on all types and sizes of window and door frames to guarantee **perfect operation even on balcony doors and windows**.

One of the strengths of the **HIDE 180** is its **simple and fast assembly**, a common feature of the **WEEN PROGRAM** accessories.

The **quick coupling** installation system, with **independent top and bottom hinges**, ensure **utmost efficiency in sash and frame production**, **and** all components can be easily installed with dowels, cams and snap-on clips. All installation steps of the new **WEEN HIDE 180** is presented in detail on **MasterTube**, the company's YouTube channel dedicated to product video tutorials.

All **adjustments** are also easy and straightforward, using just one 3mm Allen key. The **lower hinges** can be adjusted, i.e. the gap by **-1/+2.5 mm** and the **height by +2 mm**, and the **arms** of the upper hinges can also be adjusted, i.e. **pressure by +1/-1 mm and gap by +4 mm**. In addition, the hinges are equipped with a **protective override** to ensure **perfect coplanarity** between the hinges.

The **NEW WEEN HIDE 180** promotes the concept of **modular design** of the **WEEN PROGRAM**: it is possible to purchase **locking kits and hinges separately**, and the latter can be packaged as a kit (hinge group for right or left-hand opening) or individually (top hinge and bottom hinge).

The quality of the materials used, the perfect adaptability, the ease of assembly and adjustment of the **NEW WEEN HIDE 180** are undoubtedly the added values of a line that evolves and extends the universal character of Master's **WEEN PROGRAMME**, projecting it into the future of accessories dedicated to all types of openings.