

Press release

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Master Italy introduces EASY BLOCK, the new range of restrictor arms for each type of opening

The modern architecture of public buildings and residential construction is increasingly characterised by very prominent window frame solutions. These **large openings**, often **single-leaf**, can be difficult to handle, either because of the large **size** of the **opening** or because of the design necessity to **limit the opening for physical reasons** (the presence of a block or other obstacle) or simply **for safety reasons**.

EASY BLOCK is the **complete range of restrictor arms** by Master Italy that was created to meet this need and is **suitable for every type of opening**, tested and certified according to the directives of standard **EN13126-5** (Devices that restrict the opening of windows and door height windows).

Adjustable friction restrictor arm for tilt and turn and casement openings

The line consists of a **patented adjustable friction restrictor arm for tilt and turn and casement openings** (Art. A1211 - A1212) compatible with the European groove, Slot 10 and R40 series. Its friction system **brakes the**

MASTER ITALY Srl s.p.37 Conversano-Castiglione km. 0.570 Z.I. Conversano (Bari) Italy
P.O. Box 112 Ph.: +39 080 4959823 VAT 07780290727 www.masteritaly.com -
ufficiostampa@masteritaly.com

Master Group has been designing and manufacturing accessories and parts for aluminium door and window frames since 1986. The core processes of the company consist of research, investment, study of the aluminium culture, with great focus on the quality of materials and cutting edge technologies for manufacturing high-performance products, as well as on identifying new market requirements and ensuring customer satisfaction and constant customer care.

free movement of the sash, both to **prevent** any **accidental closure** due to wind and **for** reasons of **safety** and opening **comfort**. Thanks to this system, **the sash opens up to 90°**, a position in which the restrictor arm locks by using the action of a **mechanical stop** to support the **adjustable friction**, which prevents accidental closing. This arm **matches perfectly with the entire WEEN tilt and turn** programme and, in particular, with the new concealed hinges of the **WEEN HIDE 180** series, limiting the opening from 180° to 90° and taking advantage of the **retainer incorporated in the hinge**. This new arm allows for **pressure adjustment with front access (patented)**, simplifying adjustment operations regardless of sash type and size.

Restrictor arm for handle-controlled casement opening that can be installed vertically for internal and external opening

The new **EASY BLOCK** range is further enriched with the restrictor arm for handle-controlled casement opening that can be installed vertically for internal and external opening (Art. A1211.30). It is an ambidextrous, **frame-mounted restrictor arm with handle release and full opening**. This arm is installed on the side upright of the frame (handle side) and, by **rotating the handle in LOGIC mode by 90°**, allows a **limited casement opening** (angle defined by the end stop of the lever). Instead, by **rotating the handle by 180°**, with the sash in the closed position, the arm disengages and **the sash can be fully opened**. To operate the release system, a handle with a logical opening key from the **COMFORT, KARMA** or **ITALIA** lines can be used, or a complete release of the sash can be achieved by removing a locking element from the arm.

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Restrictor arm for heavy casement frames

Another important novelty is the introduction of a restrictor arm variant intended for application only on bottom hung openings for large load-bearing capacities and dimensions: the **EASY BLOCK restrictor arm for heavy casement frames** (Art. A1117/17.1), tested for load-bearing capacities of up to 300 kg on CE profiles with a quick-release coupling system on the sash.

Multi Stay Open Arm

An absolute novelty in the restrictor arm market is the **Multi Stay Open** version (art. A1211.20/21): this is a **patented, friction-locked, handle-controllable restrictor arm** that allows **the sash** to be **stopped in any position**, within an angle opening range **between 0° and 90°**. The sash is stabilised **by turning the handle into the closed position**, activating the **friction system** and thus creating enough friction force to **keep the sash in the desired position**.

The **high quality of the materials** is the result of the study and careful work of **MasterLab**, the Group's **research and development centre**, which is committed to guaranteeing the best solutions in terms of performance and resistance over time. In fact, all the accessories in the range are made with: **stainless steel** levers, **zamak and steel** coupling blocks and **Delrin®** or **forprene** friction systems. The focus on quality combined with **easy assembly** and the **tested durability** of all its

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solutions makes **EASY BLOCK** one of the most complete and reliable restrictor arm families on the market.

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