



REKORD 400/600
High speed roll-up door
break through self-repairing

Equipped with a breakthrough system with automatic reset, in the event of accidental impact the mantle comes out of the sliding guides without being damaged and continues to operate by rewinding the mantle on the upper shaft. At the next closing cycle, and without any action by the operator, the mantle is guided back into the uprights. Ideal for installations as an indoor partition for commercial and food and chemical pharmaceutical production environments.



Strenghts

Speed

Thanks to the 1 m/sec opening-closing speed, these doors can be installed in high traffic areas with positive high user safety level.

High level of savety

The break through curtain is intrinsically safe by definition. A curtain with low weight and no metal parts means this door can be operated by non expert people with maximum safety.

REKORD door creates no obstacle for people traffic. REKORD 600 can be fitted with a panic system which opens the door automatically in case of power shortage or from an external alarm (e.g. fire).

Low maintenance costs

REKORD is a self-repairing quick roll-up door. Zero downtime.

Competitive purchase costs

A valid alternative to the flexible automatic double action door, it is a functional and economical solution, also in terms of operating costs.

Break through self-repairing system

In case of an impact the curtain exits the vertical side tracks without damage.

The door continues to open and roll up the curtain on to the barrel.

When the door closes, the curtain slides back into the side tracks automatically.



Technical features

Application

REKORD is fit for internal traffic only.

Framework

Self supporting framework built of sturdy galvanised or AISI 304 stainless steel profile ensuring protection in all situations, also against accidental impact. Full width enclosure for the winding drum and drive motor.

Flexible curtain

One piece double layer, Class 2 self-extinguishing polyester fabric with eye-level transparent windows for inspection and horizontal pockets for reinforcing bars.

Anti-crash break-trough system.

Self-Repairing system for automatic reintroduction the curtain into the tracks in case of impacts.

Quiet slide mechanism operation, featuring side tracks fitted with twin rubber seal guides

Motorization and electrical system

A three-phase self-braking motor assembly powered by 220/380VAC with safety overload detector. Electromagnetic lock brake. Cam limit-switch assembly.

For outside entry installation the REKORD 400 door have a **side mounted** motor

For inside entry installations, the REKORD 600 motor has a **face front** position for easier access.

The Control Box is housed in a separate IP 55 rated sturdy ABS cabinet, complying with updated CEE/CEI 44/5 and DIN standards. The IP65 control panel features a GO UP push button and an EMERGENCY Button for mechanical locking.

The electronic control board features an easy operating selection, including the automatic curtain closing time and simple interface with external commands such as door opening, standard or additional safety devices. The panel includes standard safety overload protections (general wiring, motor and auxiliary commands). The motor is powered by 3-phase 220/380 VAC 50 Hz, auxiliary controls are powered by 24 VDC.

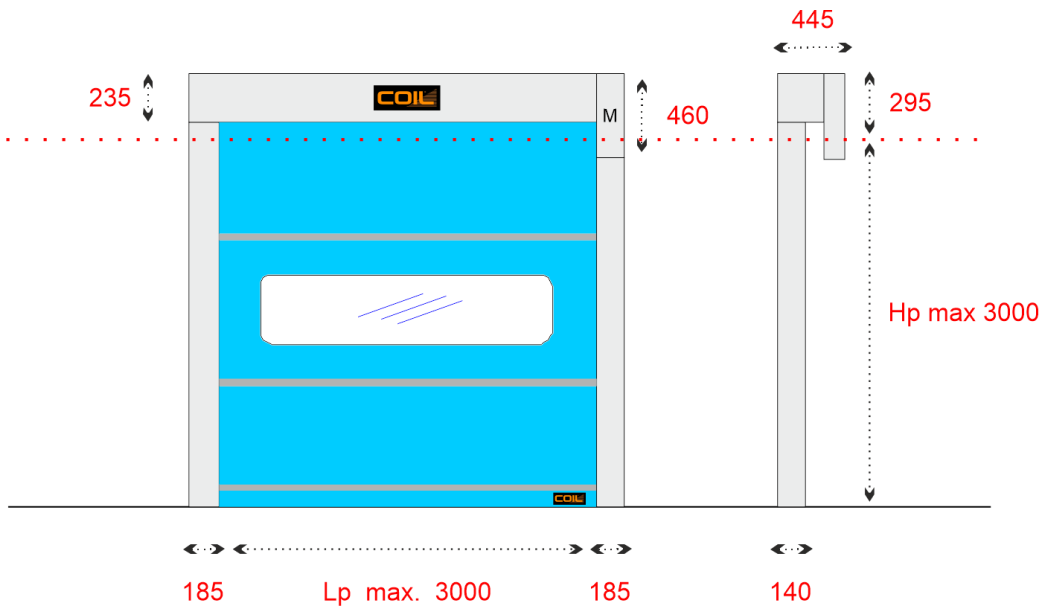
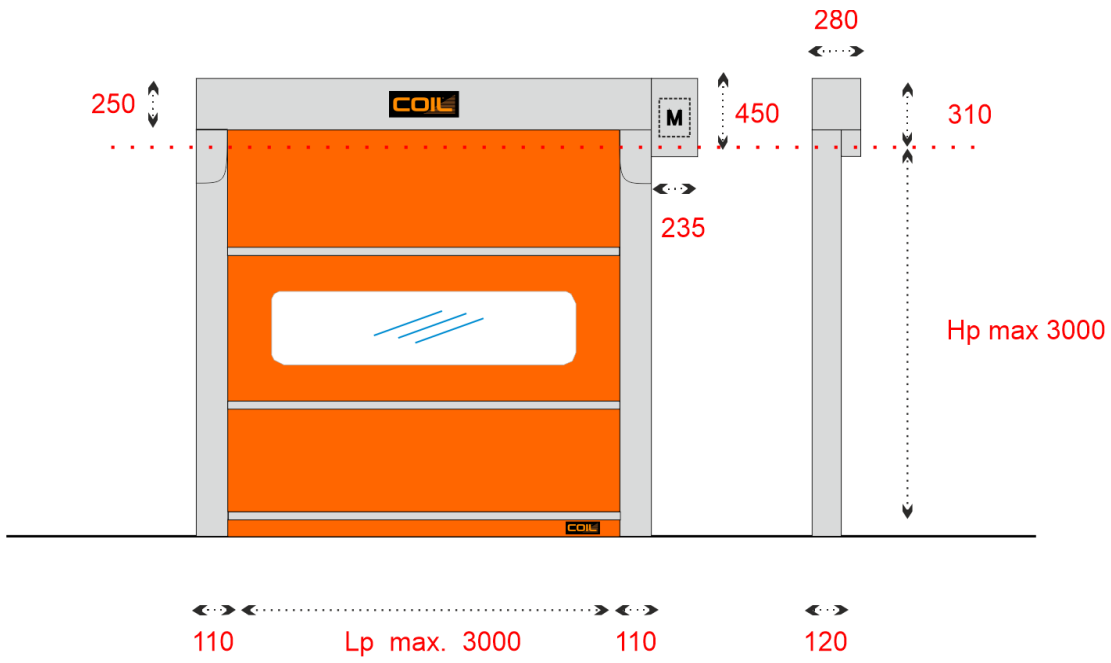
Safety Devices

Safety photocells will reverse curtain travel if an obstacle is detected.

Manual Door opening and closing installed at operator's height.

Optional Automatic Emergency opening on REKORD 600 by means of a counterbalance system. This version can be fitted with anti-panic device that opens the door automatically in case of power failure.





Warranty

Manufactured with the best electronic materials and components, REKORD doors are tested in the most severe applications in industry and commerce and are covered by a standard 12-month warranty.

Certifications



Product in compliance with the product standard UNI EN 13241:2016 Industrial and commercial closures. All COIL doors are supplied with original CE certificate.

CE certification ensures that construction and design of the product complies with requirements of the following safety directives:

- UNI EN 13241:2016 Product standard for Industrial and Commercial Closures
- 305/2011 Construction Products Directive
- 2014/35/EU Low Voltage Directive or LVD
- 2014/30/EU Electromagnetic Compatibility Directive or EMC Directive
- 2006/42/EC Machinery Directive
- UNI EN 12604 Mechanical aspects
- UNI EN 12453 Safety in use of motorized doors
- UNI EN 12424 Wind load resistance

For more information:

MISA Automazione S.r.l.
Via Risorgimento, 54
20017 RHO (Milano) - Italia

Sales Office
Tel.: +39 0238203200
E-mail: sales@coil.it
www.coil.it

Enter the COIL site directly from your smartphone by scanning the QR code:



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