



BACK IN SHAPE
AFTER EACH SHOCK


LAMPO
CRASH

ENGLISH

ULTRA-FAST **SELF-ADJUSTING**
FLEXIBLE ROLLING DOOR

LAMP O

CRASH



SELF-ADJUSTING CRASH-PROOF



Lampo Crash is an innovative flexible, roll-up, and self-adjusting door, designed and realised by Careglio for the requirements of industrial partitioning and storage.

Ideal for its dynamic resistance to shocks, Lampo Crash is the perfect solution for intensive transits, and for the thermal insulation requirements of company departments.

It reduces time of transit between production areas, and thanks to its automatism it avoids the intervention of a technician to reposition the panel after accidental shocks. A flexible door that works in a clever way: fast, safe, tight, in case of shocks easily returns to its original position.

GETTING OUT OF THE BOX IS A GREAT VIRTUE



Lampo Crash is self-adjusting: dynamic resistance to shocks and facilitated, automatic return in place of the panel.

But how does it work?

The door panel is equipped with side hinges that slide in suitable guides: in case of accidental shocks the hinges come out from the guides, thus protecting the fabric from possible tearing or damage. At the same time, the position of the panel is immediately recovered by a simple automatic opening and closing.

KEEP UP WITH OBSTACLES



Lampo Crash is equipped with a special inverter system (optional), that regulates the winding and unwinding speed of the panel.

The inverter allows for a rapid opening of the door, while when closing, thanks to a controlled stop system, it slows down its race when reaching 2 meters above the ground: a group of photocells detects the possible presence of obstacles and proceeds to the reversal of the panel direction.

In this way the possibility of any accidental impacts, caused by a sudden obstacle is greatly reduced, thus preventing damage of the panel.



IT DOESN'T LET ANYTHING GO



Hermetic is a keyword for the industrial subdivision requirements. Lampo Crash, thanks to its side zippers running inside the guides, ensures an even higher thermal insulation in industrial departments having specific thermal, acoustic, hygienic and physical requirements.

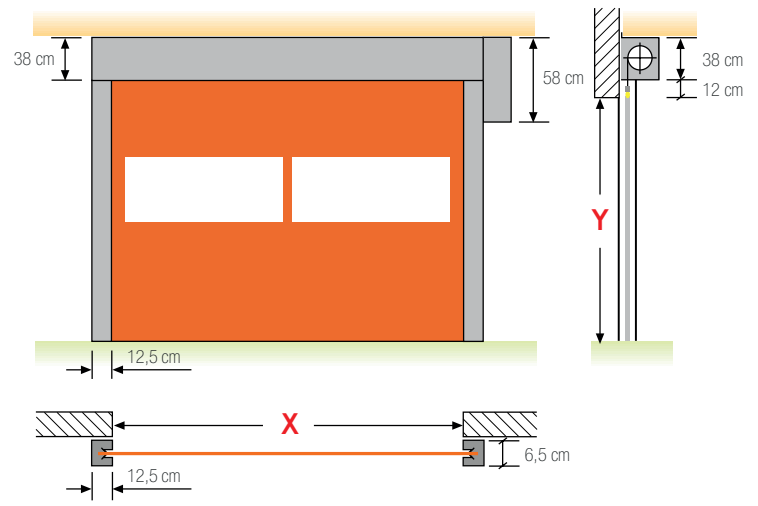
UP AND DOWN IN NO TIME



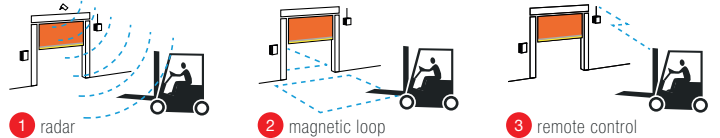
Lampo Crash is an ultra-fast rolling door: the panel is wound directly on the shaft, with no need for driving devices.

Rapid opening speed up to 1.20 m/sec.





Main remote opening systems



CERTIFIED SAFETY



Lampo Crash is realized in compliance with the CE standards and meets the following requirements:

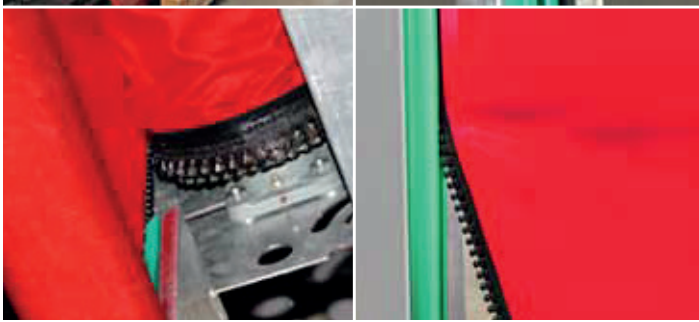
- ⚡ compliance with Directive 89/106/EEC by means of the harmonized standard EN 13241-1:2003 and the essential requirements of the Machinery Directive 98/37/EC
- ⚡ prevention against crushing
- ⚡ prevention against panel falling
- ⚡ manual emergency opening
- ⚡ prevention against door damage



THE DIRECTION REVERSAL AUTOMATISM



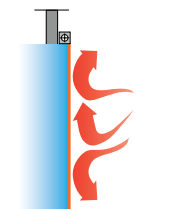
When the panel hits an obstacle on its way down, it bends and forms bulges. The safety photocells intercept the anomaly in the panel shape and an electronic system immediately blocks and reverses the direction of the panel, activating the lift mechanism.



TECHNICAL CHARACTERISTICS



- ⚡ Hot-dip galvanized steel structure (on request stainless steel 304/316, or oven painting RAL colours)
- ⚡ Self-supporting
- ⚡ Self-lubricating sliding guides, with shock-absorbing spring system equipped with self-activating system
- ⚡ Upper crosspiece with incorporated gear motor group for intensive use
- ⚡ Winding shaft of tubular steel
- ⚡ Fireproof and tear-resistant PVC panel, with side zippers
- ⚡ Window of transparent crystal (No. 01 series standard)
- ⚡ No. 3 groups of standard safety photocells
- ⚡ Electronic safety device to reverse panel direction when hitting an obstacle on its way down
- ⚡ In case of accidental shock the panel comes off the guides and then regains its original position thanks to an automatic reset system, activated by an opening and closing cycle
- ⚡ Electromechanical motorization: with self-braking three-phase motor, designed for continuous operation, flanged on a worm gear
- ⚡ Power supply: 220/380 V 50 Hz
- ⚡ Electric control board IP55 complying with CE standards, with external push-buttons
- ⚡ Operating logics of adjustable timing and low-voltage controls
- ⚡ Push-button operation
- ⚡ Opening devices on demand: radar, magnetic loop, radio control, photoelectric cell, rod with twine.
- ⚡ Blinking 24 V
- ⚡ Manual operation device, in case of lack of electrical current
- ⚡ Programmed automatic closing, when time runs out
- ⚡ Standards: Compliance with Directive 89/106/EEC by means of the harmonized standard EN 13241-1:2003 and the essential requirements of the Machinery Directive 98/37/EC.



Optionals

- ⚡ Rollable insulated panel
- ⚡ Rollable panel for food industry
- ⚡ Inverter technology available on request

It withstands strong wind gusts



LAMPO CRASH

YOU CAN PUT YOUR SIGNATURE ON THE CAREGLIO DOORS

Careglio operates since 1976 in the field of industrial, tertiary and residential doors, and is specialized in the design and production of high speed flexible doors.

The Company is at the same time direct manufacturer, distributor and provider of installation and ordinary maintenance, as well as free consultancy services.

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