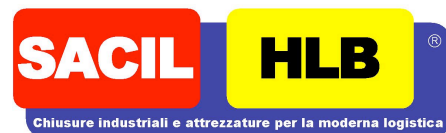


ROLLING

High speed rolling door technologically safe



Exclusive Advantages

Three different types of curtain
Opening speed up to 0,8 mt/sec
Encoder integrated in the gearbox
Minimum space required for the side columns



Rapid roll for intensive use, made of a pair of vertical guides and one horizontal beam containing the top roll. Door equipped with the doorblade with curtain made of self-extinguishing polyester material with different colours. The wrapping of the curtain is granted by the progressive rolling up of the horizontal shaft. Opening and closing operations are granted thanks to a gear motor vertically placed on one side. For the installation the door needs a wall support able to grant a wall fixation by means of screw anchors. It is the solution, the most reliable and secure, for the separation of two adjoining rooms.

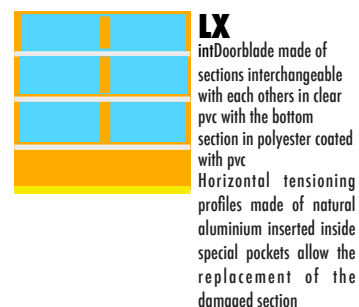
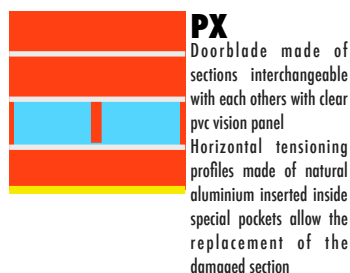
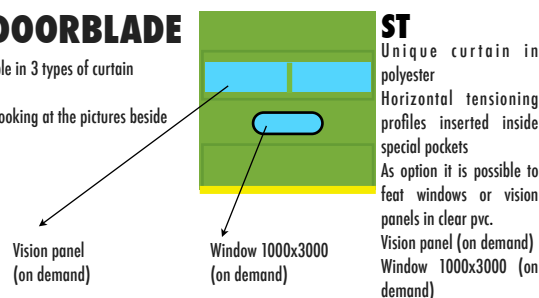
Tehcnical specifications:

- Operate with a motor keyed directly on the rolling shaft of the door. Limit switch regulation through the encoder placed in the gear motor. Power supply 380 Volt one phase.
- Doorblade made of polyester PVC coated having about 900 gr /sq meter of weight self-extinguishing class 2 material. Available colours similar to RAL : white silver 9016, Cream 1013, 1021 yellow, orange 2008, red 3000, blue 5015, green6026, gray 7038, black 9005.
- The PVC curtain can be coupled to clear vision panels choosing among the three different models ST-PX-LX. See appropriate section.
- Standard electrical fittings including: one control box in PVC class IP 55, one infrared photocell axis placed over the side guides, one yellow flashing light on the control box
- Self-supporting side columns made of galvanized steel
- Special white polizene guides for the curtain
- Rolling shaft in extruded aluminium tubular profile diam. 120 mm with end caps in steel put on oscillating ball bearings
- Manual release in case of power failure by means of a lever placed directly on the motor. The release from the ground is not allowed. Dorr can be both open and closed.
- Options: stainless steel AISI 304 version, painted frame, Insulated curtain, logos, remote controls, loops, Safety energy device and SAFETY FIRST safety device.
- Wind load resistance: class 2
- Opening and closing speed: 0,8 mt per second
- Control box and motor to be connected using the standard cable supplied with the door with fast connections
- Each door is individually packed with PVC film. For each door a single accessories box is prepared.

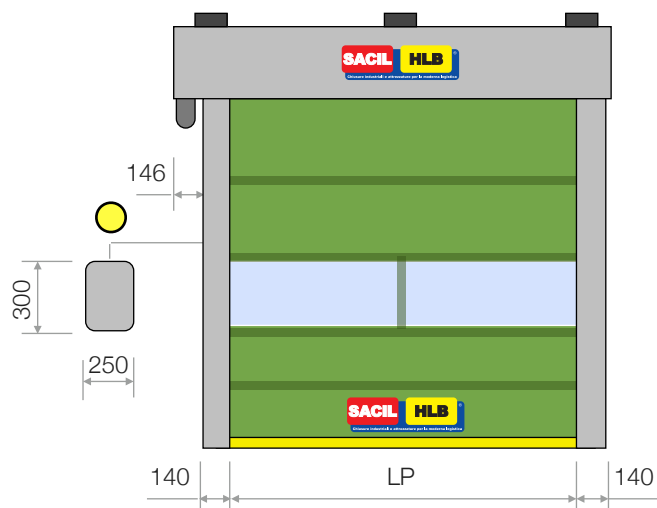
TYPE OF DOORBLADE

The Rolling door is available in 3 types of curtain ST-PX-LX.

See the main differences looking at the pictures beside



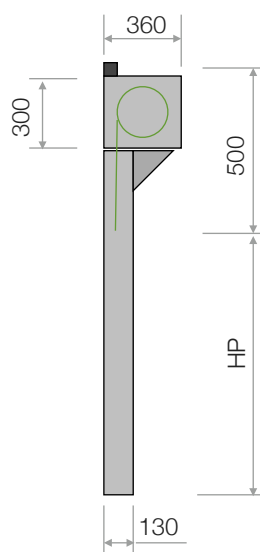
Dimensions and overall dimensions



Frontal view installation side

Legenda

WP= clear width
HP= clear height



Vertical sections

Notes

The motor and control box group can be positioned, on request, on the right side of the door. In this case the side overall dimensions can be inverted. The door is self-supporting and must be anchored to the wall.

Uni en 13241-1

Designed - Produced - Certified
in accordance with the standard
product European Uni en 13241-1



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SAFETY FIRST



The maximum safety for people and vehicles

ROLLING door in the automatic version can be equipped with the Safety First device. This device is unique and exclusive as regards to the obstacles detection and is completely integrated in the side guides of the door, invisible butways ready to detect with the utmost precision and speed any obstacle being in the door closing area.

Door **With** **SAFETY FIRST**

THE COMPARISON

Door **Without** **SAFETY FIRST**

80 Eyes !

SAFETY FIRST device is made of 40 photocells axis synchronized each other covering and controlling the door width up to 2500mm of height from the ground. In one time it replaces the safety edge and the traditional single photocell axis including one transmitter and one receiver precision and speed any obstacle being in the door closing area.



2 Eyes !

SAFETY FIRST device compare itself with the "poor" and traditional safety system featuring one photocell axis including one transmitter and one receiver (two eyes) and the botto safety edge (if present).
An unfair comparison!

Protection before the contact

The obstacle is detected without any contact with the doorblade!
The door immediately stops the closing operation and opens again.

System at sight!

All the other safety systems featuring trasmitter and receiver are not pre-wired and often are involved in collisions.

-90% !

+ 90%

Integrated system

SAFETY FIRST is supplied pre-wired and completely integrated and protected in the side guides.

System at sight!

All the other safety systems featuring trasmitter and receiver are not pre-wired and often are involved in collisions.

NOT ONLY THE SAFETY FIRST

Such confidence but also a lot of more quiet

Here after some techcnial characteristic for the IP ST SC door

01 - Doorblade made in Italy Naizil of 750 gr

All Sacil-Hlb IP ST SC are produced using the curtain Naizil of 750 gr/sm (as option it is possible to supply the door with self-extinguishing curtain in class 2 or 1.

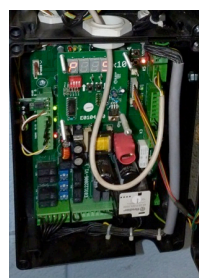


02 - Rolling shaft in extruded aluminium

Another quality choice for the rolling shaft that ensure a perfect alignment with the gear motor group.

03 - Gearbox with Encoder and integrated parachute

No mechanical limit switches are supplied, the regulations are possible thanks to the encoder that ensures the maintenance of the desired position over the time. Inside the gearbox the integrated parachute stops the closing operation in case of failure.
Max size 5000x5000



04 - Multi purpose Control box

High quality cotrol box ready to reach different logics and ready to be connected to any type of remote control. A radical choice for one of the most important components of the door. Circuit breaker at customer care.

SAFETY ENERGY

UPS for high speed door ROLLING model with inverter



New!



3

Available Settings

- ✓ Base
- ✓ Open
- ✓ Close

Functional Warranty

in the absence of electric power for at least

10 complete cycles!

SAFETY ENERGY,

the new UPS system for high-speed doors which makes the door operable in the absence of electricity.

The tested system guarantees up to 10 cycles of actuation of the door.

The system SAFETY ENERGY can 'be applied to all types of operated- high speed door with electric panel with inverter powered at 220 volts single phase.

The system can 'be programmed in three different configurations to customer request.

Base

In the absence of electricity the door works via the electric button on the control panel to be opened or closed.

Open

in the absence of electricity if the door is closed automatically brought into the open position.

Close

in the absence of electricity if the door is opened automatically brought into the close position.

The UPS group is positioned at the wall immediately below the electric panel and is closed with a lid fixed in pre-painted galvanized sheet metal color red. The coverage does not guarantee a watertight seal.