



INDUSTRIAL Shutters

Anti-burglary roller shutters



A VERSATILE solution for every company.

Industrial shutters not only increase the security level of your building but are an excellent space-saving solution for any activity related to the storage of goods and the storage of vehicles.

Overview ↗



Features

100% safe
Wear-free
Convenient solutions for motorisation
Reliable burglar protection
No encumbrance on the ground
Absence of springs
Low maintenance requirements

Applications

Logistics
Warehouses
GDO
Garages
Industrial garages
Parking lots



Unauthorized access

The GLG roller shutters are 100% burglary-proof, that is, burglary-proof. In fact, they are installed to protect industrial zones intended only for authorized personnel or in commercial contexts.



Burglar protection

The robust aluminium or steel structure of the GLG roller shutters protects industrial buildings and commercial activities from any attempt of intrusion and burglary, ensuring at the same time very high performance during the normal performance of everyday activities.

What more can you want?

Small footprint, maintenance to a minimum.

The section of the insulated curved profile allows a higher winding with a small footprint, effective and very quiet during the movement of the damper. The direct drive tube used for rolling the damper (with aluminium or double wall steel panel sections) does not require any spring system, This in fact allows a decrease in maintenance with a considerable saving in economic terms.

We increase the level

More protection!

The safety shore and the integrated photocell barrier to the structure increase the safety level of the damper even more, blocking its closure in case of sudden obstacles or impediments.



The spiral winding system allows a high thermal-acoustic insulation and an even smaller footprint.

STRUCTURE	INDUSTRIAL SHUTTER
Sizing	Width up to 10000 mm x Height 8000 mm
Rails	Shaped galvanized sheet for perfect sliding and wind resistant mechanical seal.
Top wrapping structure Top	Special side supports equipped with parachute and motor unit; large steel shaft for winding the insulated mantle.

STRUCTURE	SPIRAL DOOR
Sizing	Width up to 8500 mm x Height up to 8000 mm
Material	Standard Galvanized steel On request Epoxy powder coated RAL steel

RIGID SURFACE	INDUSTRIAL SHUTTER
Thickness	20 mm
Composition	Sandwich elements with pre-painted sheet and insulation in CFC-free expanded polyurethane with a density of 40 kg/m³.
Thermal insulation	Value of 3.7 W/m²K
Outer surface	Micro diamond for an elegant design and a more resistant coat.
Inner surface	Smooth striped
Nylon linear roller bearing	Keep the rigid surface aligned for perfect glide
Windows	Standard No windows on the rigid surface On request Windows made by moulding in aluminium slats, equipped with transparent compact polycarbonate monolastre.

SURFACE	SPIRAL DOOR
Panels	<p>The panels have a smooth finish characterized by a double wall with thermal break. The walls are connected to each other by means of hinged aluminum profiles, while the front joints are double chamber to ensure a watertight seal.</p> <p>Standard External panels: Oxidized satin aluminium sp. 42 mm Interior panels: Pre-painted steel sp. 42 mm</p> <p>On request Interior and/or exterior: Epoxy powder coated RAL steel Transparent polycarbonate sections: UV acrylic PMMA Microperforated panels: Spiral Air Flow model</p>
Motor winding	Spiral, circular patented high density polyethylene PE HD 500.000
Sliding guides	System composed of high density polyethylene guides PE HD 500.000

SPEED	INDUSTRIAL SHUTTER
Opening › 0,3 m/s	Closing › 0,3 m/s

SPEED	SPIRAL DOOR
Opening › up to 1,5 m/s	Closing › 0,5 m/s [...]

Gear motor	For intensive use, supplied by leading companies in the sector. Keyed directly on the crankshaft
Composition	Electric motor of adequate power with increased electrobrake and special limit switch encoder, coupled to a gearbox with worm screw with permanent lubrication and emergency release crank (on request with chain hoist).
Limit switch	Electronic encoder with digital regulation directly from the control panel
Control panel	Programmable electronic technology with status display. Opening door complete with up-stop-down button, adjustment of the opening and closing speed. Predisposition to the connection of all types of commands, safety, traffic lights and interlocks. Automatic closing management, partial opening, fault signalling test and cycle count with lock for service and maintenance.

MECHANICAL AND ELECTRONIC

SPIRAL DOOR

Control panel	The 380V inverter is equipped with an automatic operating logic and a complete low voltage safety management. In addition, it is equipped with a separate high-capacity 24V power supply.
Main supply	400V
Frequency	50/60 Hz
Limit switch	The incremental encoder is used for the management of programmable limit switches and slowdowns. These are controlled via a digital console that provides diagnosis, records the number of cycles and displays the status of the port.
Gear motor	Asynchronous with 110V electro-brake designed for intensive use.
Transmission	To achieve a smooth movement action, a system of lateral catenary with a metal counterbalance weight is used. The movement is generated directly by the motorization, ensuring a direct thrust.

SAFETY

Emergency opening	Chain release Crank release
Safety edge	Splash-proof sensor
Wiring	IP 69 Plug & Play
Photocell	22 active beams up to Height 2500 mm

Type of structure



Galvanized Steel



Monolamier Galvanized



Insulated panel Galvanized



Insulated panel Prepainted

Colors (RAL)



RAL 9006



RAL 1013



RAL 9010



RAL 5010



RAL 6005



RAL 7035



RAL 8017



RAL 9005

Other colors ↗
On request



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