

www.glgdoors.com

GLG

Quality and innovation, since 1983.

General catalogue 2023 / ver. 2.1.1

For decades, GLG had only one great goal: to do better and better what it already does. Surpass each day to be competitive and performing in accordance with the changing world. A company made of people who work with passion to provide the right product for every need.



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A large company is such when it is formed a group of people cohesive and with strong individual skills, which together works to bring the company to new results, increasingly important.

Leadership

Enhancing everyone's talent to run together towards common goals, this is our winning recipe, which for 40 years has guided our company in its choices.

Fabio Murari
CEO GLG

" Working together means achieving results, together.





Founder
Luigi Murari



CEO
Fabio Murari

Our team



Administration
Anna Ruggerone



Administration
Federica Tosseri



Commercial Back Office
Giorgia Caiulo



Shipping dept
Dario Colombara



Purchasing office
Chantall Chiorboli



Marketing
Chiara Clemente



Customer service
Elena Ongaro



Customer service
Menatalla Hedeya



Shipping dept
Valentina Niboldi

Story

1983

GLG was founded in 1983 and develops a double experience on the market working alongside the main retailers and supporting the major manufacturers in the sector.



1995

The first GLG-branded fold-up door is produced in Caltignana industrial plants.



2000

At the Caltignana plant, the first model of RolliGO is produced, a simple roll-up door to meet every kind of logistic need.



2010

Our R&D department, to meet the demands of an increasingly demanding and fast-paced logistics market, creates the first self-repairing door, able to unfasten and re-enter the guides following shocks.

2018

GLG expands in Europe by opening branch offices in Germany, France and Poland.

We are breaking into the international market with active collaborations in Mexico.

**From here to 5 years
the main objective of
GLG will be to expand its
commercial network with
a new product line for the
American market.**

Values

We believe in an ethic that we carry forward not only by image.

Our aim is to remind ourselves and everyone who is in contact with us, that there are fundamental principles to never forget, rules to respect, values to defend.



Safety ↗

Inclusione ↗

Ecosostenibilità ↗

GLG in the world



GLG Porte Industriali S.r.l.

Headquarter

Viale Italia 15, Caltignaga (NO) 28010

VAT ID IT02687590030

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An international
company *italian

Over time we grew, thanks to you
who believed in us.

[Contact us](#) ↗

GLG Morocco



GLG Morocco

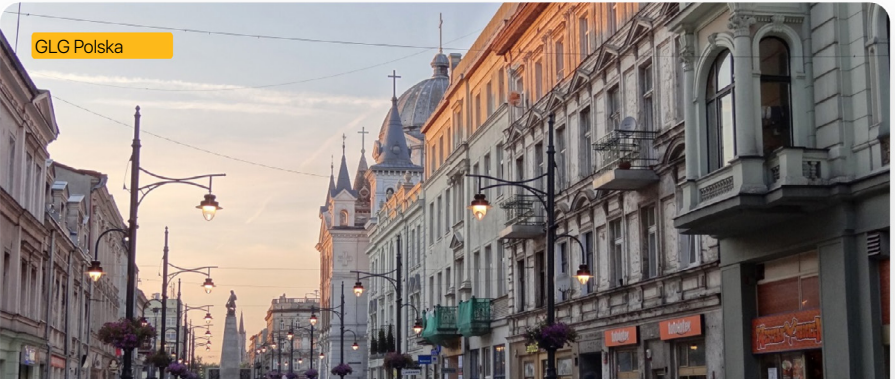
Headquarters North Africa

Ouled Sidi Messaoud, Hay Laamamra
Route 1029, Bouskoura/Casablanca Marocco

VAT ID n.d.

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GLG Polska



GLG Polska

Headquarters Central Europe

Wycieczkowa 26
91-518 Łódź Polonia

VAT ID n.d.

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GLG Romania



GLG Braşov

Headquarters Est Europe

Drumul Cernatului 118
Braşov, Romania

VAT ID n.d.

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GLG Spain



GLG Iberica

Headquarters España

Polígono de Montija Parcela 38
09569 Villasante, Burgos, Spagna

VAT ID n.d.

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GLG Mexico

Headquarter Central America

Boulevard Benito Juárez 49, San Mateo Cuautepec
54948 Tultitlán de Mariano Escobedo Messico

VAT ID n.d.

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Would you like to open another GLG Headquarter?

Come on, let's meet and start a new
business adventure together.

[Contact us](#) ↗

Career

If you think you are suitable for the role, contact us.

We will carefully evaluate your proposal, and if it matches the figure we are looking for, a manager will contact you to define the next steps.



So many possibilities within a great reality. We reward the merit and the work well done, join one of our teams to aim for great goals.

[Become part of a close-knit team ↗](#)







RAPID DOOR
RolliGO

Roll-up door



What is it?

RolliGO is a rapid door equipped with essential automation with a minimal design that adapts to any type of installation where high and particular technology or strong wind resistance is not required.

Speed > Opening up to 0.8 m/sec
Wind resistance > Class 1

Overview ↗



Main features

Essential

This door was born from a historical design developed in the 90s. The price is highly competitive because the purpose of this door has never been the stylistic or functional development as the quality/ price ratio of the product.

Versatile

Thanks to the very simple structural sections and the pre-wired components, the assembly and disassembly are carried out in an instant. Therefore, a generic solution still very much felt for the needs of small business.

Multipurpose, secure industrial door and economic.

Being a motorized industrial rapid door, even being equipped only with minimal design and technology, it still remains very effective for applications where a quick and unpretentious intervention of automation is required.



Features

Economical and versatile
Low maintenance
Ease of installation

This rapid door is not self-repair after an accidental collision.

[Otherwise visit the ZipGO product ↗](#)

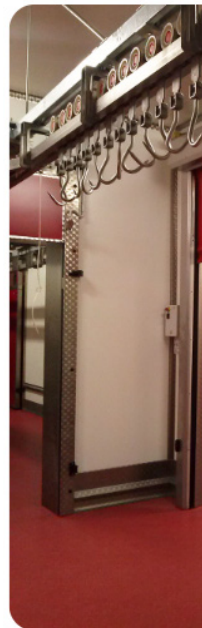
Used to

General industry

Recommended for

Mass distribution
Storage
Hospitals
Car washes

[Other fields ↗](#)



So, who's it meant for?

Suitable mainly for environments where there is a need for a simple open-close passage, without complex programming joints. Very often it is considered the best substitute of striped doors in environments such as supermarkets, storage cells/warehouses, hospital hot rooms or car washes.

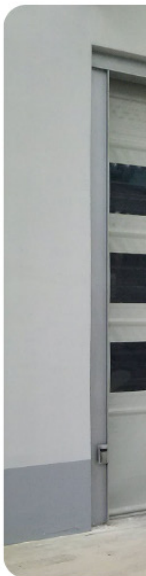


1,000,000 Cycles guaranteed

Reinforced + self-supporting

The mantle has horizontal reinforcement bars that allow you to tension the cloth by not spreading it during the opening and closing phases. Instead, the structure is in self-supporting galvanized steel, making it suitable for most internal industrial environments.

EN 12604 EN 12605 Approved by the internal R&D laboratory on the average operation of 1,000,000 life cycles for high operating reliability.



Essential but efficient.

Suitable to support fast paces and high industrial production cycles.

Excellent for companies that must support intense industrial rhythms to optimize their production processes in the best possible way and in total safety.

Aesthetics? Choose the color of the coat.

What color would you like?

Discover the colors available on our website for this door ↗

**Register now
to customize your RolliGO**

www.glgdoors.com ↗

Functional? Yes but at low cost.

Reliable to low cost.

The opening speed of this quick door was up to a maximum of 0.8 meters per second thanks to the new low consumption engines. This allows the door to sustain intensive industrial rhythms.

Marking of European conformity

**IN ACCORDANCE
WITH THE RULES
EN 13241-1**



STRUCTURE

Beam and struts	Self-supporting
Motor cover	Standard Galvanized steel On request Powder coated steel, Stainless steel 441/304/316

COVERING

Self-repairable	No
Double-sided PVC ripstop fabric	Standard Choice of colours with a weight of 900 gr/m ² or 950 gr/m ² On request Insulated 7 mm (3.7 W/m ² k), Translucent 35/40%, FDA White, Antistatic
windowy	Transparent sectors H 600 mm
Type of window	Transparent crystal
Window colour	Transparent

SPEED

Opening up to 0.8 m/s	Closure up to 0.5 m/s
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MECHANICAL AND ELECTRONIC

Control panel	Standard IP54 painted steel frame (300 x 500 x 150 mm) On request Stainless steel, PVC frame (300 x 400 x 150mm)
Components and features	Motor and switchgear protection category IP54 Modular thermal protection Power transmitters Start/ Stop button Emergency stop button
Main supply	Standard Power supply 3 HP, three-phase 400V On request Power supply 3 HP, three-phase 230V

TEST

Standard UNI EN 13241/CE

Watertight	Ref.s EN 12425, EN 12489	Class 1
Wind pressure	Ref.s EN 12424, EN 12444	Class 2
Air permeability	Ref.s EN 12426, EN 12427	Class 0
Transmittance	Ref.s EN 12428, EN 12428	6,02 W/m ² K
Performance	Ref.s EN 12604, EN 12605	1.000.000 of cycles

Operating temperature > -30 C°+ 70°C – Door not recommended where there are large temperature differences between the two environments [...]

[...] SAFETY

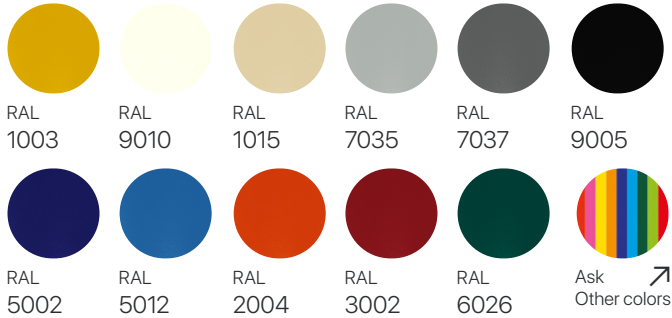
Components	Standard
	Pair of Costa resistive safety sensors IP65
	On request
	Multi-beam barrier H 2500 IP67

Emergency opening	Standard
	Crank release
	On request
	Counterweight system, chain release

Types and colors structure (RAL)



Colors PVC fabric (RAL)



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PLAN



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Remember that on our portal you can always take advantage of a number of useful features for your future logistics purchases.

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RAPID DOOR
VertiGO

Fold-up door



What is it?

A rapid fold-up door with high wind resistance. It can handle closures up to 22m* wide.

Max dimensioning std > B 15m x H 15m
Wind resistance > Class 3 / 4



Main features.

Robust and reliable

Self-supporting metal structure in galvanized steel with rectangular section that acts as a frame and then as a guide to the sturdy PVC mantle that is packed inside. Integrated 400V three-phase single-speed motor with programmable logic.

Resistant to wind storms

The door has been tested in the laboratory with winds up to 120 km/h and is guaranteed up to class 4, thanks to a structure with a PVC mantle reinforced with horizontal bars. In addition, with the special conical upright you can ensure even higher wind resistance.

Protection against fumes and dust

By means of a special seal, applied on the pillars, this door is able to preserve in an optimal form the massive entry of the atmospheric agents inside the shed.

This rapid fold-up door is the ideal solution for all those indoor and outdoor environments where fast and frequent transits through a large compartment are required.



Features

Structural robustness
Reliable motorisation
Windproof
Protection against fumes and dust
To close large compartments

Used mainly to

Generic industry
Composting
Agribusiness

Recommended for

Heavy industry
Chemistry ATEX
Airports
Ports and shipyards

[Find your field ↗](#)



So, who's it for?

The range of the Vertigo fold-up door adapts to multiple product sectors, dividing also into versions for the resolution of more specific problems.

Each version is designed for heavy-duty uses that present particular resolution requests, such as: compartments to be closed up to 15m, special shapes for closing rooms with crane, electronic programming of automated lines or special fabrics for ambient lighting or ventilation.

Powerful

The Vertigo has a standard equipment complete with a powerful three-phase 400V motor for lifting the wrapping surface.



The powerful engine is installed in both single front and side mode, from 1KW to 2.2KW.

From inside

Thanks to its lift this product is characterized by its extreme strength when the door is closed, almost like a real wall.

From the opposite side, inside, the mantle is connected to the straps by means of specific straps that support it during the opening and closing phase.

From outside

Normally with a closed mantle, for aesthetic character, the external facade is smooth and in steps interrupted by the reinforcing bars of its skeleton.

Headboard with winds up to 120km/h

**The standard Vertigo
rapid door is guaranteed
up to Class 4, having
been tested in critical
conditions with strong
wind gusts of 120km/h.**



Protect against dust*

Basic, it has a structure in galvanized steel with a closing sheet in tear-resistant double-sided PVC fabric weighing 950gr/m² to ensure maximum tension by gravity.

* for a door always clean, it is possible to require the antistatic sheet in order to prevent the accumulation of static electricity and then the mass dusting of the same.

Up to 22 meters* wide.

* in oversized version

STRUCTURE

Beam and uprights	Self-supporting
Motor cover	Standard Galvanized steel On request Powder coated steel, Stainless steel 441/304/316

COVERING

Double-sided PVC ripstop fabric	Standard Choice of colours weighing 950 gr/m ² On request Insulated 3 mm, insulated 7 mm (3.3 W/m ² k), translucent 35/40%, FDA white, antistatic
Lifting ropes	High Tenacity Polyester Fiber External Lifting Belts at Constant Pitch
Windowy	Porthole
Type of window	Transparent crystal
Window colour	Transparent

SPEED

Opening > up to 0,8 m/s	Closing > up to 0,5 m/s
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MECHANICAL AND ELECTRONIC

Control panel	Standard IP54 painted steel frame (300 x 500 x 150 mm) On request Stainless steel, PVC frame (300 x 400 x 150mm)
Components and features	Motor and switchgear protection category IP54 Modular thermal protection Power transmitters Start/ Stop button Emergency stop button
Main supply	Standard Power supply 3 HP, three-phase 400V On request Power supply 3 HP, three-phase 230V

TEST

Standard UNI EN 13241/CE

Watertight	Ref.s EN 12425, EN 12489	Class 1
Pressione del vento	Ref.s EN 12424, EN 12444	Class 3/4
Permeabilità dell'aria	Ref.s EN 12426, EN 12427	Class 0
Trasmittanza	Ref.s EN 12428, EN 12428	6,02 W/m ² K
Performance	Ref.s EN 12604, EN 12605	1.000.000 of cycles

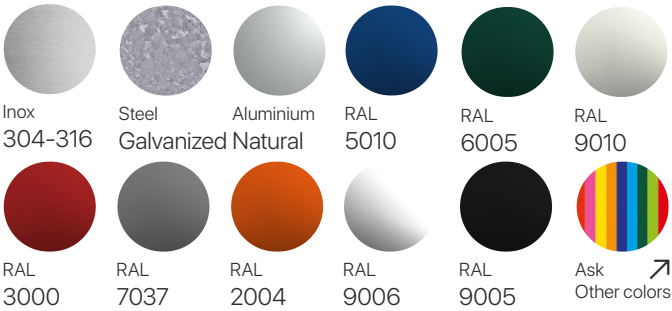
Operating temperature > -30 C°+70°C. Door not recommended where there are large temperature differences between the two environments. [...]

[...] SAFETY

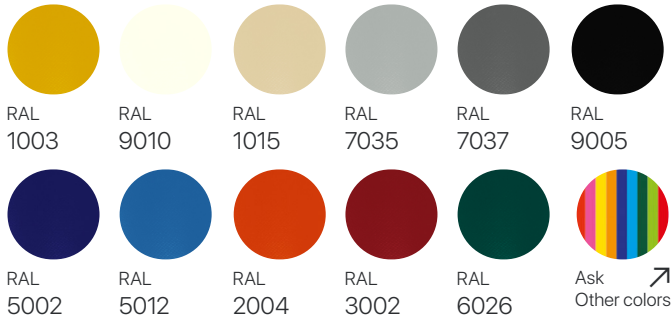
Components	Standard
	Pair of Costa resistive safety sensors IP65
	On request
	Multi-beam barrier H 2500 IP67

Emergency opening	Standard
	Crank release
	On request
	Counterweight system, chain release

Types and colors structure (RAL)



Colors PVC fabric (RAL)



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Technical drawing details:

- Clear opening: 2500
- Structure height: 2000
- Structure width: 400
- Structure depth: 400
- Total size: 2000 x 400



RAPID DOOR
VertiGO Green

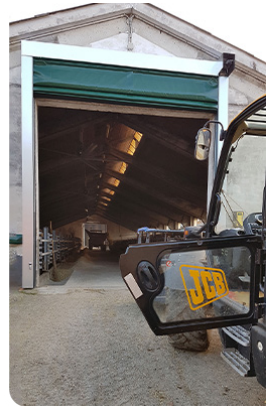
Rapid door for agricultural environments



What is it?

A rapid door with a robust structure to control climate, dust and insects in agricultural environments. Ideal for all those companies that need to protect vehicles, animals and plants.

Fabric › Woven fabric in breathable PVC
Wind resistance › Class 2 / 3 / 4



Main features

Impact resistant

The Green rapid fold-up doors feature increased horizontal steel bars that guarantee greater resistance to impact, caused by the passage of agricultural vehicles or the transit of animals inside stables and farms.

For your climate

This special version can be equipped with both breathable and translucent PVC covering. These two options can favor both natural ventilation to ventilate a spoiled air environment and enhance the luminance of the building.

Anti-insect

Vertigo Green's PVC anti-insect cover has been designed to effectively repel the entry of insects into farm buildings, where flies, mosquitoes and grasshoppers are harmful to the welfare of plants and animals, continuing to unquestionably allow the passage of air.

A fold-up door designed specifically for stables, greenhouses and crops.



Features

Shock-resistant
Climate-controlled
Air and light
Insect protection

Used mainly to

Stables
Greenhouses
Crops

Recommended
for

Composting
Chemistry ATEX

[Discover other fields ↗](#)



Safe passage

The Vertigo Green rapid door enable safe and controlled automation at all times, both for the passage of heavy vehicles and livestock and the same door*.

* the Green fold-up door has been developed in an oversized form compared to the Vertigo base range, to allow a higher resistance to impacts that may come from the transit of agricultural vehicles and animals.

Related to weather conditions

The rapid door can also be equipped with a climate control unit to regulate the movement of the mantle in the rooms where crop actions develop, such as: agricultural warehouses, nurseries and greenhouses.



A smart control unit

Depending on the weather conditions, the door can be opened automatically, always in relation to the signals coming from the external sensors installed.

These signals may, for example, be linked to weather stations or air quality sensors that can measure wind force and direction, external temperatures, precipitation, humidity and CO₂ values of indoor air.

This particular method of climate control by means of a control unit is optimal in greenhouse crops such as horticulture, floriculture, nursery and fruit growing.

In winter farmers often use the natural ventilation system, however in warmer periods this cooling method may not be sufficient to ensure the welfare of their animals.

In combination with the internal AHU, the breathable PVC coating of Vertigo Green promotes the development of an ideal microclimate for better stable management, especially in summer.



For the welfare of animals.

The fabric in breathable PVC protects the cattle from the cold winds of the North, gradually penetrating the sunlight coming from the East. The animals will thus be destined for a productive environment warm in winter and cool in summer.

In addition, the fabric in breathable PVC promotes excellent air recirculation, Key Element to maintain the high level of air quality breathed by the animal and, consequently, their productive performance.

Bugs? No thanks!

The special anti-insect fabric of Vertigo Green has repellent properties to protect greenhouses and crops from insects that can ruin the crop or undermine the health of the animal inside stables and farms.

* the Green version of the Vertigo fold-up doors ensures high levels of biosecurity in agricultural buildings while minimizing the risk of proliferation of animal diseases and pandemics of plant parasites.



What about plant health?

Protected crops can ensure climate control, cultivation in environments other than those of origin and even anticipate/delay production or produce out of season.

To ensure this, it is necessary to separate the rooms by means of special quick-winding sealing closures that, by means of special rows of portholes, in combination with artificial lights in the greenhouse, promote the correct passage of sunlight for a better development of the crop.

STRUCTURE

Beam and uprights	Self-supporting
Horizontal bars	Reinforced steel for increased impact resistance.
Motor cover	Standard Galvanized steel On request Powder coated steel, Stainless steel 441/304/316

COVERING

Double-sided PVC ripstop fabric	Standard Choice of colours weighing 950 gr/m ² On request Insulated 3 mm, Insulated 7 mm (3.3 W/m ² k), Translucent 35/40%, FDA white, Antistatic
Windowy	Porthole
Type of window	Transparent crystal
Window colour	Transparent

SPEED

Opening > up to 0,8 m/s	Closing > up to 0,5 m/s
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MECHANICAL AND ELECTRONIC

Control panel	Standard IP54 painted steel frame (300 x 500 x 150 mm) On request Stainless steel, PVC frame (300 x 400 x 150mm)
Components and features	Motor and switchgear protection category IP54 Modular thermal protection Power transmitters Start/ Stop button Emergency stop button
Main supply	Standard Power supply 3 HP, three-phase 400V On request Power supply 3 HP, three-phase 230V

TEST

Normativa UNI EN 13241/CE

Watertight	Ref.s EN 12425, EN 12489	Class 1
Wind pressure	Ref.s EN 12424, EN 12444	Up to 35 m ² Class 2, plus design up to Class 4
Air permeability	Ref.s EN 12426, EN 12427	Class 0
Transmittance	Ref.s EN 12428, EN 12428	6,02 W/m ² K
Performance	Ref.s EN 12604, EN 12605	1.000.000 of cycles

Operating temperature > - 30 C°+ 70°C – Door not recommended where there are large temperature differences between the two environments.



RAPID DOOR

VertiGO **DOUBLE**

Rapid fold-up door with double PVC curtain



What is it?

Rapid fold-up door with double PVC curtain, ideal for medium/large compartments where high wind resistance is required.

Speed › Opening and closing 0.3 m/sec
Wind resistance › Class 3 / 4



Main features

A movable “wall”

Thanks to its particular structure, formed by two sheets of polyvinyl chloride and horizontal beams in aluminum, it guarantees both good thermal resistance, both acoustic and great lift.

Structure with guided pylons

The structure of the PVC covering is formed by horizontal pylons that are guided by the sliding rails installed on the vertical pillars of the door, in order to ensure the least oscillating moment possible during its operation.

High firmness for great structural immovability.

The structure of the PVC covering is formed by horizontal flat trusses connected to the sliding rails by means of steel bearings. This system constrains its deformation even under the effect of a high wind pressure. The only movement allowed is the vertical one for opening and closing the door.



Features

Great structural stability
Trellis-worked structure
Modular curtain
Thermal resistance
Protection against fumes
Sound insulation

Used mainly to

Composting
Biocell
Chemical industry
Transformation

Recommended
for

Piccoli hangar
Garage navali
Garage industriali

[Discover other fields ↗](#)



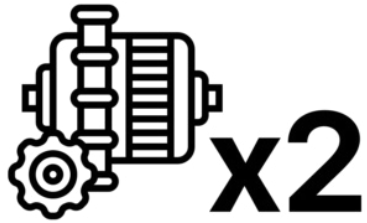
So, who's it meant for?

The Double fold-up doors are mainly used in the composting and biocell sector, where the use of double-tarpaulin quick doors proves to be the winning choice to stop the leakage of bad odours and/or fumes harmful to health. Therefore, to protect the surrounding environment and its personnel from miasmas and the exhalation of harmful particles, it is necessary to install flexible locking systems with a specific design of locking air chamber.

Per proteggere dunque l'ambiente circostante e il proprio personale dai miasmi e dall'esalazione di particelle nocive si rivela dunque necessario l'installazione di sistemi di chiusura flessibili con un progetto specifico di camera d'aria bloccante.

+Balanced

The PVC covering, being formed by 2 sheets combined by means of a metal structure, is raised vertically in a uniform way by means of a system with double synchronous motor that guarantees a smooth and smooth handling.



+Durevole

Although the application of more motors is more expensive, we wanted to design a structure that would avoid as much as possible the twists on the length of the moving shaft, that is, a structure really able to look to the future.

+Safety

Thanks to the internal positioning of the structure, the lifting belts remain protected from damage caused by external agents. In addition, 2 safety belts up to 1.5t are additionally positioned inside the enclosure.

What a
smell! Lucky
there is
DOUBLE



$12\text{m}^3/(\text{m}^2\text{h})$

Protection from miasmas

This double fold-up door is able to act as a blocking structure between different environments at different pressure, by means of the air chamber formed inside the 2 surface sheets of the mantle. The air permeability of this door is classified in Class 3 of the EN 12426 standard test.

Trellis-worked structure

The Vertigo Double fold-up doors are developed with a particular design of stacked* sliding trusses and hinged to the uprights by means of ball bearings and sliding guides.

* the multiple application of the flat pylons, by means of the lifting ropes inside the mantle, allow the operation of the door in an overlapping way.



0,03782 W·m⁻¹·k⁻¹

Thermal conductivity cloth

Under normal operating conditions, that is -10 system C + 70 system C, the double fold-up door stackable is able to significantly reduce both the partial pressure and the saturation of steam.



Fino a -18dbA

Sound insulation

Mainly, thanks to the air chamber, it is possible to reduce both the frequency and the acoustic reverberation.



STRUCTURE

Beam and uprights	Trellis, not self-supporting
Depth	300 – 400 mm
Motor cover	Absent, motor positioned inside the structure

COVERING

2x double-sided PVC ripstop fabric	Standard Constant height sectors with colours of your choice and a weight of 950 gr/m ² On request Translucent sectors 35/40%
Windows	Standard Porthole in crystal 1200x300 mm On request Translucent sector 35/40%
Lifting ropes	High Tenacity Polyester Fiber Internal Lifting Belts at Constant Pitch, 2x Safety Belts with 1.5t Strength

SPEED

Opening > up to 0,3 m/s	Closing > Up to 0,3 m/s
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MECHANICAL AND ELECTRONIC

Control panel	Standard IP54 painted steel frame (300 x 500 x 150 mm) On request Stainless steel, PVC frame (300 x 400 x 150mm)
Components and features	Motor and switchgear protection category IP54 Modular thermal protection Power transmitters Start/ Stop button Emergency stop button
Main supply	2x Power supply 3 HP, three-phase 400V

TEST

Standard UNI EN 13241/CE

Wind pressure	Ref EN 12424	Up to Class 4
Soundproofing	ISO 717	15 dB Rw
Water resistance	EN12426	0.11 kPa closed door – Class 3
Air permeability	EN 12426	12m ³ /(m ² h) – Class 3

Operating temperature > – 10 C°+ 70°C

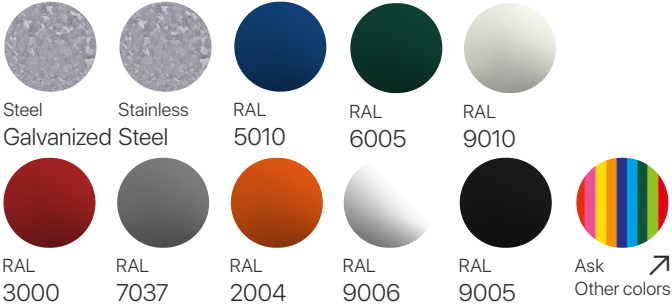
Wind speed during operation > 20 m/s – up to 72 km/h [...]

[...] SAFETY

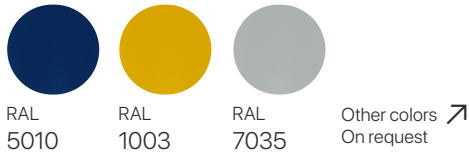
Components	Standard
	Pair of Costa resistive safety sensors IP65
	On request
	Multi-beam barrier H 2500 IP67

Emergency opening	Standard
	Crank release
	On request
	Counterweight system, chain release

Types and colors structure (RAL)



Colors PVC fabric (RAL)



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RAPID DOOR

VertiGO **CRANE**

High speed fabric overhead door



What is it?

VertiGO Crane is the most useful solution in the Vertigo range to optimize the closure of the working space to the crane for the handling of heavy materials, from inside to outside and vice versa.

Max width › Up to 25m

Speed › Speed opening up to 0.8 m/sec

Wind resistance › Class 2 / 3



Main features

Dispersion reduction

This special Crane rapid door is able to seal the area of the overhead crane compartment when not operational, thus improving the energy efficiency of the internal environment.

Custom shapes

Thanks to its special T-shape of the mantle, the industrial door for companies that have one or more overhead cranes helps to reduce the air vortices entering the compartment, ensuring a real and solid physical block to the currents.

* in standard version resistant up to 7 on Beaufort scale or power equal to the detection of strong wind with winds from 50 to 61km/h or less than 33 Knots.

A structure with suspended height that guarantees a physical block to close the particular crane compartment when not operating.



Features

Suspended structure
Contours and T-shaped surface
Blocker
Powerful and fluid

Used mainly to

Marble workers and cave
Glassworks
Construction in C.A.
Industrial garages

Recommended for

Material handling
Small shipyards
Composting

[Discover other fields ↗](#)

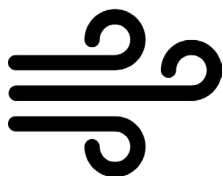


So, who's it meant for?

The High speed door VertiGO CRANE are logistic products suitable for those who need to close special shaped rooms, resulting from industrial machinery interposed between the inside and outside of the building.

High speed fabric overhead door are often used in the field of composting, ship/airport or where it is necessary to transport heavy material from inside to outside a building, or vice versa, always by means of a carriageway machinery.

A study of field has declared that 70% of the operators assigned to the manual jobs inside of the warehouses in presence of machinery to crane/ crane suffers of rheumatism deriving from blows of air.



Air? ALT.

Thanks to preventive technical studies we are able to minimize the air permeability* of the entire building, not only focusing on the door compartment but also on holes that allow the entry of unpleasant cold currents.

* the air permeability of the door only is classified up to class 3. Overall, by means of a professional study of infill, It is possible to obtain really performing results in terms of locking the air flows not only by looking at the parameter attributed to the door but to the entire building.

With large customizations, we resist the biggest push.

In yards with higher wind resistance requirements, the door is able to be built ad hoc to withstand up to 9 on a scale of Beaufort or power equal to storm with winds from 76 to 87km/h.

STRUCTURE

Cross-beam	Standard Suspended not self-supporting On request Non self-supporting trellis
Uprights	x2 per side, broken and shaped according to the size of the crane
Motor cover	If there is no double covering, the engine is located inside the structure. If single-capped, positioned on the sides of the crossbar.

COVERING

Double-sided PVC ripstop fabric	Standard 1 PVC fabric with choice of colors and weight equal to 950 gr/m ² Su richiesta 2x insulated fabric PVC 1350 gr/m ²
Windows	Porthole in crystal 1200x300 mm
Lifting ropes	Standard High Tenacity Polyester Fiber External Lifting Belts at Constant Pitch On request High Tenacity Polyester Fiber Internal Lifting Belts Constant Pitch + 2x Safety Belts with 1.5t Strength

SPEED

Opening > up to 0,3 m/s	Closing > up to 0,3 m/s
-------------------------	-------------------------

MECHANICAL AND ELECTRONIC

Control panel	Standard IP54 painted steel frame (300 x 500 x 150 mm) On request Stainless steel, PVC frame (300 x 400 x 150mm)
Components and features	Motor and switchgear protection category IP54 Modular thermal protection Power transmitters Start/ Stop button Emergency stop button
Main supply	2x Power supply 3 HP, three-phase 400V

TEST

Standard UNI EN 13241/CE

Wind pressure	Ref.s EN 12424, EN 12444	Class 4/5
Performance	Ref.s EN 12604, EN 12605	1.000.000 of cycles

Operating temperature > -30 C°+70°C.

* The tests refer to the Crane door with double curtain feature and may vary depending on the size of the door. [...]



RAPID DOOR
VertiGO Fire

Industrial door for extreme environments



What is it?

Fire is a rapid solution of the Vertigo range serving to optimize the closure of one or more rooms that divide environments where welds, grinding and production of hot material develop or, however, any type of incandescent effect related to the melting of material.

Max width > Up to 15m

Speed > Opening up to 0,5m/sec

Flame resistance > EI 120



Main features

For extreme environments

The rapid door to stop accidents that could occur within a company that manages incandescent or radiating materials, for us, is best represented by our Fire door of the Vertigo range.

Blocker

The fabric material of this special version helps to block smoke fumes, with a real smoke-cutting characteristic thanks to its special aluminized mesh, also composed of glass fibers.

Features

Fireproof Smokecutter Extreme

Used mainly to

Processing industries
Foundries
Steel works

Recommended
for

Joineries
Woodlands
Industrial garages

[Discover other fields ↗](#)



So, who's it meant for?

The rapid door VertiGO Fire are designed to help sectors that may run the risk of expulsion of hot material from processing, affecting a principle of flame to surrounding objects.

Steelworks, foundries or any processing company that uses fusion cutting methods or that generates heat during the machining process is considered plausible customer for a type of door such as Vertigo Fire.



Fireproof

This rapid door has a specific double sheet with particular physico-chemical characteristics to allow the least flare and the damping of flame. Fiberglass with steel cables inside make not only special but unique this bispalmate silicone mantle.

Smoke control

An aluminized fabric* composed of microscopic splinters in fiberglass, which at first glance might look like a simple yellow fleece, serves to prevent as clearly as possible the escape of fumes from the room in which an active exhaust combustion develops.

* aluminized fabric with a thickness of 0,4 mm, weighing 450 gr/m², is certified to withstand a temperature of 600 °C up to 120 minutes.

STRUCTURE

Beam and uprights Self-supporting

Motor cover Stainless steel AISI 304

COVERING

Polyester curtain extra strong Alu Fiber Glass Silicone Color Silver/Yellow Signal or Flame Retardant PVC

Ropes External steel lifting cables and aluminium components

SPEED

Opening > up to 0,5 m/s Closing > up to 0,3 m/s

MECHANICAL AND ELECTRONIC

Control panel Standard
IP54 painted steel frame (300 x 500 x 150 mm)
On request
Stainless steel, PVC frame (300 x 400 x 150mm)

Components and features Motor and switchgear protection category IP54
Modular thermal protection
Power transmitters
Start/stop button
Emergency stop button

Power supply Standard
Power supply 3 HP, three-phase 400V
On request
Power supply 3 HP, three-phase 230V

TEST

Standard UNI EN 13241/CE

Watertight	Ref.s EN 12425, EN 12489	Class 1
Wind pressure	Ref.s EN 12424, EN 12444	Class 4
Air permeability	Ref.s EN 12426, EN 12427	Class 0
Transmittance	Ref.s EN 12428, EN 12428	6,02 W/m ² K
Performance	Ref.s EN 12604, EN 12605	1.000.000 of cycles

Operating temperature > -30 C°+70°C.

SAFETY

Components Standard
Pair of photocells IP65 Safety Resistive Rib
On request
Multi-beam barrier H 2500 IP67

Emergency opening Standard
Crank release
On request
Counterweight system, chain release

[...] Types and colors structure (RAL)



Inox
AISI 304

Colors PVC fabric (RAL)



RAL
9006



RAL
2004



RAL
1003



RAL
3000

G
Account

Log in to your account
to download the .dwg



RAPID DOOR
ZipGO

Self-repairing industrial door



What is it?

It is the rapid door par excellence, designed to compartmentalize environments for different uses. It enjoys a high flexibility of use seen also the feature of self-repairable. It is used internally, externally and very often in connection with flows of people or industrial machinery.

Speed > Up to 2.2 m/sec

Wind resistance > Class 2*

* up to Class 4 avoiding the self-repairing of the door

Overview ↗



Main features

Self-repairing

The special sliding system allows the PVC fabric to repair itself in the event of an impact, letting the tarp out and letting it return without any intervention by an operator.

Fast

3m/s*

* maximum speed with Fast model

The ZipGO base is able to meet a large number of fast and continuous transits thanks to a specific sliding design of the mantle and powerful acceleration engines for its reaction speed.

Flexible and safe

ZipGO is a roll-up self-repairing door designed to meet the needs of different industrial sectors where high operability, particularly intensive use of the gate and constant safety during operation are required.

The ZipGO is a self-repairing roll-up door, free of structural bars and based on a design with side hinge guide. It is designed to facilitate a substantial flow of traffic, always ensuring the highest intrinsic safety given the total absence of rigid elements in the passage area.



Features

Self-repairable
Secure
Fast
Silent
sealant
Low-energy

Used mainly to

Storage
GDO
Food industry

Recommended
for

Laboratories
Chemistry ATEX
Automotive
Generic industry

[Discover other sectors](#)[↗]



So, who's it meant for?

ZipGO has been designed to optimize the logistics of all those companies with very fast production cycles, where the accidental accident wants to be really limited to the maximum. ZipGO is the roll-up door with the most certified performance index, reliability, safety and versatility on the market.



Combination of elasticity and tension

Side hinges applied to the flexible PVC fabric, for a dynamic and never stationary transit after an accidental impact.

Functional? Yes but at low cost.

Reliable to low cost.

* the R&D department specifies that self-repairable PVC fabric means a tarpaulin capable of nesting in the polyethylene side rails without the aid of any manual intervention by operators specifying instead that, if the mantle is pierced, the chemical composition is not able to repair the molecules independently for the restoration of physical tearing.

**Let us avoid
unnecessary
production blocks.**

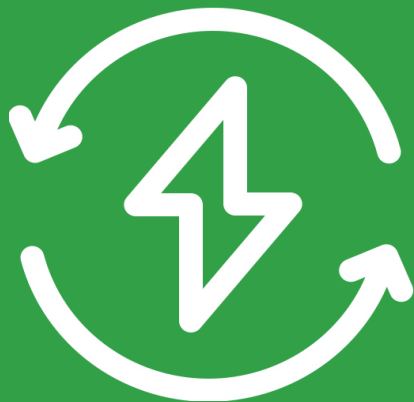




Saved energy

Consumption reduced to a minimum

A particular mechanical technology allows the door to work by partial inertia during the descent phase of the mantle, all in order that 12% of the average cycles of the day can be considered to have paid off by means of this intelligent system.



Polyethylene HDPE self-lubricating

**Noise reduced
to a minimum**



The special guide system of the ZipGO gives maximum silence both during the closing and the opening of the rapid door, whenever the transition of the hinges of the mantle are in operation.

Sound pressure

**Average noise
abatement of
~12 dbA***

* in an environment with a noise frequency of 100 db it is possible to attenuate it according to the A curve of 10/15 dba.



STRUCTURE

Crossbeam	Standard Carterized with 20/10 galvanized perimeter structure and 200 micron galvanization On request Epoxy powder coating 160/180 microns
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Lateral uprights	When folded with extruded polyethylene slides 1,000,000 molecules
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Upper casing	Standard Galvanized steel On request Powder coated steel, Stainless steel 441/304/316
--------------	--

Sliding	Self-lubricating side hinge without rigid bars
---------	--

PVC CURTAIN

Self-repairable	Hinged
-----------------	--------

Polyester curtain extra strong	Standard Choice of colours with a weight of 950 gr/m ² On request Insulated 7 mm (3.3 W/m ² k), Translucent 35/40%, FDA White, Antistatic
--------------------------------	--

% windowy	Porthole
-----------	----------

Type of window	Transparent crystal
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Window colour	Transparent
---------------	-------------

SPEED

Opening > up to 2,2 m/s	Closing > up to 0,8 m/s	Optional speed > fino a 3 m/s
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MECHANICAL AND ELECTRONIC

Control panel	IP54 painted steel frame (300 x 500 x 130 mm)
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Components and features	Emergency stop button Door lock disconnecter Single phase inverter with max power 2.2 kW Three-phase control inverter with max power 4 kW M8/M12 IP65 connector wiring Display of status/errors display Relay position Compass functions
-------------------------	---

Main supply	Three-phase self-braking connected directly to the winding shaft, fully carterized, absolute position encoder.
-------------	--

TEST

Standard UNI EN 13241/CE

Wind resistance	Ref. s EN 12424, 13241/EC	Class 2 *
Wind Speed with Moving Door	-	< 20 m/s (60 km/h)
Standard soundproofing	ISO 170	15 dB Rw
Water resistance	Ref. EN12426	0,11 kPa for closed door – Class 3
Performance	Ref.s EN 12604, EN 12605	1.000.000 of cycles, 200 cycles/hour

* the tests were performed specifically on this basic version of ZipGO. It is possible to improve wind resistance up to Class 4 by circumventing the door's self-repairability feature.

Operating temperature > Operation -10C° + 70°C [...]



RAPID DOOR

ZipGO **COLD**

Cold Storage Rapid Door

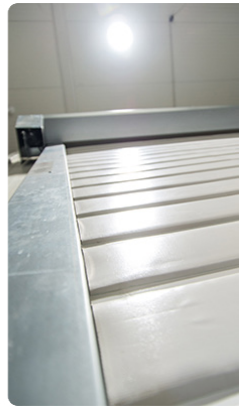


What is it?

It is a roll-up door that, making different changes to both the PVC fabric and the structure, is able to reduce the problems of controlled transit between two environments at different temperatures.

Operating temperature > Up to -30°C

Transmittance > **from $3,3 \text{ W/m}^2\text{K}$ to $\leq 2,0 \text{ W/m}^2\text{K}$**



Main features

Insulating

We can block the cold like no other, by means of a special door that manages to form a large block to the transfer of temperature from one environment to another.

2,200

$\text{mW}/\text{m}^2\text{K}$

* K thermal tested

Snappy

By means of an absolute encoder combined with the snappy German efficient motor we are able to guarantee a always prompt response, both during the opening and closing phase.

Always fast

Even in extreme conditions of low temperature* the door is guaranteed to operate continuously with top speeds of up to 1.8m/s in order to always allow a rapid transition from one environment to another, avoiding the dispersion of heat between the two environments.

* for the level of low temperature to be stored or, more precisely, for the temperature difference to be preserved you can recommend different types of variants and optional on this version, in order to achieve insulation powers higher than the standard version.



Features

Insulating
Swallowing
Scalable

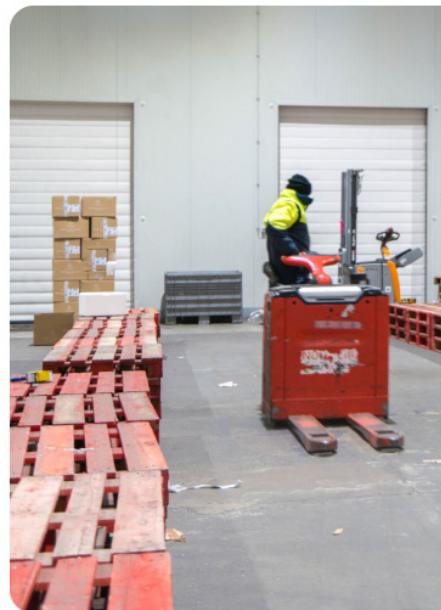
Used mainly to

Cold storage rooms
negative
Low temperature
warehouses
Food storage

Recommended
for

Laboratories
Clearing houses

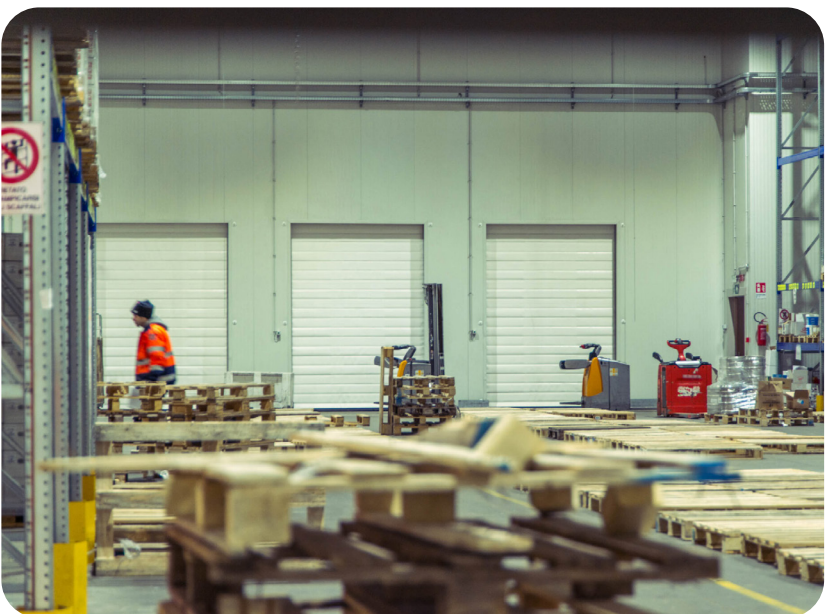
[Discover other fields ↗](#)



So, who's it meant for?

ZipGO Cold was designed to support all those logistics companies that need to operate frantically between two environments at different temperatures.

The ZipGO Cold flexible rapid door is one of the high speed doors with the highest certified performance index in extreme cold conditions on the market.



De-icer at -30°C

For the most extreme environments, in a particular version, the Cold rapid door is also equipped with heating cables inside the structure.



ZipGO Cold Rapid door with double insulated PVC fabric before the installation of the heating kit in the structure.

Heat resistance

Right inside the structure, both of the cross casing and of the side pillars, the door is equipped, in a pre-wired form by production, with thermal resistances that prevent the door structure* from freezing, avoiding unpleasant accidents against operators.

* the heating cables in the structure, operating at higher temperatures than the operating environment of the freezer, allow the reduction of the formation of stalactites on the cross casing, reducing the possibility of accident.





Variant

Insulated single core

Up to -10°C

In standard version, the ZipGO Cold rapid door allows to block the cold thanks to the already important insulated surface that forms an insulating barrier in the cold with micro air chambers in the insulating material.



Variant

Double insulated sheet

From -10°C to -30°C

By means of a special high frequency welding we are able to build a mantle with thermal conductivity values and insulating index double compared to the insulating single core. Those who choose this type of door need to block the cold in environments where there is a negative-/-negative temperature difference between two different environments.

Variant

Padded

From $+2^{\circ}\text{C}$ to -15°C

Represented by the double insulated fabric with the insertion of expanded polyethylene sponge inside the pockets formed by the two insulating fabric, this fabric has a specific feature of maintaining the operating temperatures between two negative-environments/-positive or high humidity difference, always between two adjacent environments.



ECO

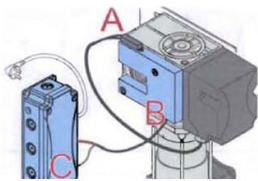
Efficiency and performance in a single idea.

It is specified that, for a matter of energy saving and therefore of overall efficiency of the building, the air blade operates only when it is being opened, limiting as much as possible the interchange of air molecules outside the room at controlled temperature that looking at consumption intelligently.

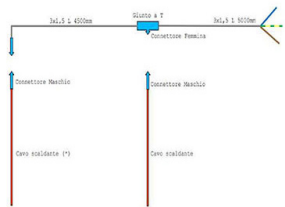
ALT. Block the dispersion

During the opening phase of the door we provided an optional for the dispersion and the exchange of heat between the rooms by installing a hot air blade outside the structure.

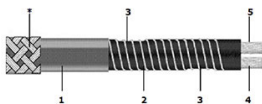
Accessories and integrations



230VAC motor heating unit with automatic temperature sensor



Heating cable kit for ZIP guides (230VAC 30W/m)



Heating cable for ZIP rails (230VAC 30W/m)



Find out more ↗

STRUCTURE

Beam and uprights Nonself-supporting

Motor cover Standard
Galvanized steel
On request
Powder coated steel, Stainless steel 441/316

Sliding High density self-lubricating Polizene guide system and sliding hinge on cloth

COVERING

ZipGO Cold – Basic

Double-sided PVC ripstop fabric Standard
~5mm insulated single core with a weight of ~ 1.2 Kg/m²
On request
FDA white, antistatic

Transmittance 3,3 - 2 W/m²K

MANTO

ZipGO Cold – “padded”

Double-sided PVC ripstop fabric 2x insulated sheets welded together with ~ 8 mm features weighing ~ 1.7 Kg/m² with 15 mm expanded polyethylene padding

SPEED

Opening > up to 1,8 m/s Closing > up to 0,8 m/s [...]

[...] MECHANICAL AND ELECTRONIC

Control panel	230Vac with inverter IP54 plastic steel frame, IP65 with sectional breaker on request, metallic box on request Alphanumeric display Programmable inputs and outputs Inputs certified according to EN ISO 13849-1 and EN 62061 4 operating modes Expansion and auxiliary cards with programmable 6 inputs / 6 outputs Display of status/errors display
Components and features	50/60 Hz inverter with absolute encoder Start/stop button 2 clean contacts (door open/closed/alarm) Interconnection 2 doors automatic/ manual Motor and switchgear protection category IP54
Main supply	Standard Power supply 3 HP, three-phase 400V On request Power supply 1 CV, 230V max 16A Power supply 3 CV, 230V max 16A
Wirings	Plug and Play IP65 system
Heating kit	Heating of electrical and mechanical parts by heating cable 30W ml

TEST

Standard UNI EN 13241/CE

Watertight	Ref.s EN 12425, EN 12489	Class 1
Wind pressure	Ref.s EN 12424, EN 12444	Class 2
Air permeability	Ref.s EN 12426, EN 12427	Class 1
Transmittance	Ref. EN 12428	From 3,7 W/m ² K up to 2,0 W/m ² K
Performance	Ref.s EN 12604, EN 12605	1.000.000 of cycles

Operating temperature > +2 C° -18°C

The values expressed in the tests carried out may vary according to the size of the door.

SAFETY

Components	Standard Pair of photocells Costa resistive safety IP65, anti-strain sensor / reverse gear, resistive security IP65 Wireless On request Multi-beam barrier H 2500 IP67
Emergency opening	Standard Crank release On request Chain, counterweight, UPS battery [...]



RAPID DOOR

ZipGO FOOD

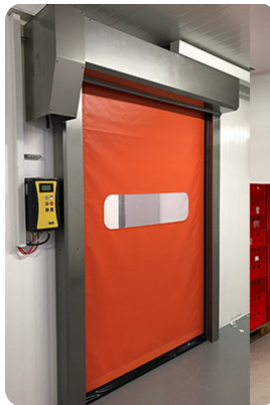
Industrial door for food environments



What is it?

The ZipGO Food self-repairing door has been designed to divide all those processing, seasoning or storage spaces of food environments. It often divides internal areas that connect flows of people with industrial machinery in conditions of permeability, cleanliness, visibility and speed at high standards.

Speed › Opening up to 2.0 m/s
Structure › With accentuated angled components for greater cleanliness



Features

Compliant

The hygienic-sanitary regulations in the food sector are known to be, rightly, extremely strict on the operations to be carried out for the maintenance cleaning of objects that are around the food. For this reason we have designed this version with practical disassembly in order to allow easy autonomous maintenance for those who use it.

Practice for the hygiene

The high speed door ZipGO Food is a particular quick closing with features suitable to meet the demand of the food industry, both in terms of requirements and in terms of hygiene and health regulations. In all its variants, this version is born with linear section with only 2 types of angles, at 90 or at 45, serving to reduce as much as possible the surface increase ergo the greatest accumulation of dirt.

High standard

Self-repairing door for food industry where very strict cleaning standards and efficiency must be respected.

ZipGO Food is a roll-up self-repairing door that versatile satisfies the logistical needs of different food sectors where very frequent maintenance and inspection is required.



Features

Comply with regulations
Minimal design
High strength
Specific layers and structures

Used mainly to

Storage
GDO
Food industry

Recommended for

Laboratories
Chemistry ATEX
Automotive
Generic industry

[Discover other fields ↗](#)



So, who's it meant for?

ZipGO Food is an industrial door designed to optimize both logistics operations and mandatory actions required by law to all those companies that operate directly or indirectly in the food industry.

The ZipGO Food is the GLG rapid door with the highest certified air permeability performance index in the ZipGO range.



In compliance with sanitary regulations

Designed for practical use in food environments

By means of a specific design our engineers have been able to design an industrial rapid door that is both perfectly in line with what is expressed by the regulatory text in the field of industrial hygiene and sanitization that optimizing processes required by be fulfilled on it.

Beautiful yes but for practicality

With a highly minimal design we have been able to develop a door that can break down both the structural folds and the support surfaces to the maximum, in order that the dust could have the least space on which to stop.

Stainless steel

This door is formed by an easily modular stainless steel structure with different types of stainless steel finishes to unequivocally grant compliance in different types of food environments.

INOX 441

AISI 304 Scotch Brite

INOX 316L Naval

The ZipGO Food INOX rapid door has been designed with particular attention to hygiene, so much so that it has obtained food certification in several European countries and in the USA.

Structure in HD polyethylene

With the PE variant it is possible to obtain a very versatile food-grade polyethylene structure suitable for immediate cleaning of the structural elements of the door.

PVC surface Antistatic

Even if it is not required by the regulations of your specific food industry, you can also request the equipment with antistatic cloth that allows a reduction of the electrostatic charge on the mantle ergo a reduction of the attraction of dust.

Polyurethane covering FDA

It is always possible to request the equipping of mantle in FDA (Food and Drug Administration) fabric or, a special food cloth not treated with solvents and industrial chemicals that is mandatory by law in certain food environments where food could come into contact with the door.

With std PVC surface

Variant

INOX or HDPE

Where no specific regulations are required, it is possible to refer to the classic PVC base covering, selecting only the structural type to be installed, that is: stainless steel or high density polyethylene.



INOX



HDPE

Variant

Cheese

We can assist food companies that need specific solutions to control both the temperature and the specific humidity within the ripening chambers for fruits, vegetables or any other organic product that, if it is stored in environments with not constant climatic factors, it may suffer a significant loss of quality.

Variant

"Goccia"

By means of a special fold on the cross-section housing and a drainage gutter system it is possible to consider a specific variant capable of blocking as much as possible the drip on the ground, derived from water jets or from the formation of condensation inside the chamber.

STRUCTURE

FOOD BASIC

Cross-beam	Carterized with powder coated or treated perimeter structure
Lateral uprights	Painted/treated and pressed with slide guides in extruded polyethylene 1,000,000 molecules
Motor cover	Painted or treated steel
Sliding	A cerniera laterale auto lubrificante senza barre rigide

STRUCTURE

FOOD INOX

Beam and uprights	Standard Not self-supporting, with cross section with multiple points of fold/rectangular rounded stainless steel and with rectangular uprights section with 2 points of fold. A richiesta Sezione traversa, montanti e carter motore in acciaio fiorettato
Sizing	Width 6500 mm x Height 6500 mm
Motor cover	Standard Stainless steel 441 On request Steel 304/316
Sliding	System with high density self-lubricating polyene guides and sliding hinge on the cloth

STRUCTURE

FOOD HDPE

Beam and uprights	Not self-supporting, with rectangular stainless steel cross section and rectangular uprights section in high density polyethylene (HDPE).
Sizing	Width 4500 mm x Height 3800 mm
Motor cover	Stainless steel
Sliding	System with high density self-lubricating polyene guides and sliding hinge on the cloth

STRUCTURE

FOOD CHEESE

Sizing	Width 6000 mm x Height 6000 mm
Cross-beam	Standard Carterized rectangular/domed upper crossbar. Galvanized 20/10 perimeter structure with galvanization 200 microns. On request Possible overpainting with epoxy powders 160/180 microns

Motor covering	Stainless steel
Lateral uprights	Extruded polyethylene slide 1,000,000 molecules

Sliding	Maintenance-free lubricating auto hinge system with seal seal
---------	---

STRUCTURE

FOOD GOCCIA

Sizing	Width 6500 mm x Height 6500 mm
Beam and uprights	Not self-supporting stainless steel with cross section rectangular/domed inclined 15 somebody
Motor cover	Stainless steel 441/304
Sliding	System with high density self-lubricating polyene guides and sliding hinge on the cloth

COVERING

FOOD BASIC

Double-sided PVC ripstop fabric	Standard Choice of colours weighing 950 gr/m ² On request Insulated 7 mm (3.3 W/m ² K), Translucent 35/40%, FDA White, Antistatic
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Windowy	Porthole
---------	----------

Type of window	Transparent crystal
----------------	---------------------

Window colour	Transparent
---------------	-------------

COVERING

FOOD INOX

Double-sided PVC ripstop fabric	Standard Choice of colours weighing 950 gr/m ² On request Translucent 35/40%, FDA white, antistatic
---------------------------------	---

Windowy	Porthole
---------	----------

Type of window	Transparent crystal
----------------	---------------------

Window colour	Transparent
---------------	-------------

COVERING

FOOD HDPE

Double-sided PVC ripstop fabric	Standard PVC fabric 1300 gr/m ² , 6 W/m ² K On request Translucent 35/40%, FDA white, antistatic
---------------------------------	---

Windowy	Porthole
---------	----------

Type of window	Transparent crystal
----------------	---------------------

Window colour	Transparent
---------------	-------------

COVERING

FOOD CHEESE

Double-sided PVC ripstop fabric	Choice of colours weighing 950 gr/m ²
---------------------------------	--

Seals	In contact at the top between the mantle and the cross-section housing, thick-walled polystyrene guides on the uprights
-------	---

Windowy	Porthole
---------	----------

Type of window	Transparent crystal
----------------	---------------------

Window colour	Transparent
---------------	-------------

COVERING

FOOD GOCCIA

Double-sided PVC ripstop fabric	Standard Choice of colours with a weight of 900 gr/m ² On request Translucent 35/40%, FDA white, antistatic
---------------------------------	---

Windowy	Porthole
---------	----------

Type of window	Transparent crystal
----------------	---------------------

Window colour	Transparent
---------------	-------------

SPEED**FOOD BASIC**

Opening > up to 2,0 m/s

Closing > up to 0,5 m/s

SPEED**FOOD INOX**

Opening > up to 2,0 m/s

Closing > up to 0,5 m/s

Optional speed > \geq 2,5 m/s**SPEED****FOOD HDPE**

Opening > up to 2,0 m/s

Closing > 0,5 m/s

SPEED**FOOD CHEESE**

Opening > up to 2,2 m/s

Closing > up to 0,5 m/s

SPEED**FOOD GOCCIA**

Opening > up to 1,0 m/s

Closing > up to a 0,5 m/s

MECHANICAL AND ELECTRONIC**FOOD BASIC**

Control panel

IP54 painted steel frame (300 x 500 x 130 mm)

Components and features

Emergency stop button
 Door lock disconnecter
 Single phase inverter with max power 2.2 kW
 Three-phase control inverter with max power 4 kW
 M8/M12 IP65 connector wiring
 Display of status/errors display
 Relay location
 Compass functions

Main supply

Three-phase self-braking connected directly to the winding shaft, fully carterized, absolute position encoder.

MECHANICAL AND ELECTRONIC**FOOD INOX**

Control panel

Standard
 PVC panel (300 x 400 x 150 mm)
 On request
 Stainless steel, IP54 painted steel (300 x 500 x 150 mm)

Components and features

50/60 Hz inverter with absolute encoder
 Start/ Stop button
 2 clean contacts (door open/closed/alarm)
 Interconnection 2 doors automatic/ manual
 Motor and switchgear protection category IP54

Main supply

Standard
 Power supply 3 CV, 400V max 10A
 On request
 Power supply 1 CV, 230V max 16A
 Power supply 3 CV, 230V max 16A

Control panel	Standard IP65 PVC panel (300 x 400 x 150 mm) On request Stainless steel, IP54 painted steel (300 x 500 x 150 mm)
---------------	---

Components and features	50/60 Hz inverter with absolute encoder Start/ Stop button 2 clean contacts (door open/closed/alarm) Interconnection 2 doors automatic/ manual Motor and switchgear protection category IP54
-------------------------	--

Main supply	Standard Power supply 3 CV, 400V max 10A A richesta Power supply 1 CV, 230V max 16A Power supply 3 CV, 230V max 16A
-------------	---

Wiring	Plug and Play IP65 system
--------	---------------------------

Control panel	Painted Metal Case (300 x 500 x 130 mm)
---------------	---

Components and features	Single phase inverter with max power 2.2 kW Three-phase control inverter with max power 4 kW M8/M12 IP65 connector wiring Display of status/errors display Relay location Compass function Door lock disconnecter Emergency stop button
-------------------------	--

Main supply	Three-phase self-braking connected directly to the winding shaft (fully carterized) and absolute position encoder.
-------------	--

Control panel	Standard IP65 PVC panel (300 x 400 x 150 mm) On request Stainless steel, IP54 painted steel (300 x 500 x 150 mm)
---------------	---

Components and features	50/60 Hz inverter with absolute encoder Start/ Stop button 2 clean contacts (door open/closed/alarm) Interconnection 2 doors automatic/ manual Motor and switchgear protection category IP54
-------------------------	--

Main supply	Standard Power supply 3 CV, 400V max 10A A richesta Power supply 1 CV, 230V max 16A Power supply 3 CV, 230V max 16A
-------------	---

Wiring	Plug and Play IP65 system
--------	---------------------------

TEST

FOOD BASIC

Standard UNI EN 13241/CE

Air permeability	Ref. EN 12426:2001	Class 2
Standard soundproofing	ISO 170	15 dB Rw
Water resistance	Ref. EN12426	0.11 kPa for closed door – Class 3
Performance	Ref.s EN 12604, EN 12605	1.000.000 of cycles > 200 cycles/hour

Operating temperature > - 10 C°+ 70°C

TEST

FOOD INOX

Standard UNI EN 13241/CE

Watertight	Ref.s EN 12425, 12489/CE	Class 1
Air permeability	Ref. EN 12426:2001	Class 2
Transmittance	Ref. EN12428	6,02 W/m²K
Performance	Ref.s EN 12604, EN 12605	1.000.000 of cycles

The above values may vary based on the door sizing

Operating temperature > 0/-10 C°

TEST

FOOD HDPE

Standard UNI EN 13241/CE

Watertight	Ref.s EN 12425, 12489/CE	Class 1
Air permeability	Ref. EN 12426:2001	Class 2
Transmittance	Ref. EN 12428	6,02 W/m²K
Performance	Ref.s EN 12604, EN 12605	1.000.000 of cycles

Operating temperature ≥ 0 C° not suitable for positive/negative temperatures

The above values may vary based on the door sizing

TEST

FOOD CHEESE

Standard UNI EN 13241/CE

Water resistance	Ref. EN 12426	0.11 kPa for closed door – Class 3
Air permeability	Ref. EN 12426:2001	Class 4
Soundproofing	Ref. ISO 717	15 dB Rw
Performance	Ref.s EN 12604, EN 12605	1.000.000 of cycles > 200/hour

The above values may vary based on the door sizing

TEST

FOOD "GOCCIA"

Standard UNI EN 13241/CE

Watertight	Ref.s EN 12425, 12489/CE	Class 1
Air permeability	Ref. EN 12426:2001	-- *
Transmittance	Ref. EN 12428	6,02 W/m²K
Performance	Ref.s EN 12604, EN 12605	1.000.000 of cycles

* the air permeability test on the Goccia variant is not suitable as the main feature of the door is to channel water.

Operating temperature > 0/-30 C°

The above values may vary based on the door sizing

[..] SICUREZZA

FOOD BASIC

Components	Standard
	Pair of Costa resistive safety sensors IP65
	On request
	Multi-beam barrier H 2500 IP67

Emergency opening	Standard
	Crank release
	On request
	Counterweight system, chain release

[..] SICUREZZA

FOOD INOX

Components	Standard
	Pair of IP65 photocells, anti-strain/reversal sensor
	On request
	Costa resistiva di Sicurezza IP65 Wireless, Barriera a Raggio Multiplo H 2500 IP67

Emergency opening	Standard
	Crank release
	Su richiesta
	Chain release, UPS battery

[..] SICUREZZA

FOOD HDPE

Components	Standard
	Pair of IP65 photocells, anti-strain/reversal sensor
	On request
	IP65 Wireless Security Resistive Coast

Emergency opening	Standard
	Crank release
	On request
	Chain release, UPS battery

[..] SICUREZZA

FOOD CHEESE

Components	Standard
	Pair of IP65 photocells, anti-strain/reversal sensor
	On request
	IP65 Wireless Resistive Safety Rib, H 2500 IP67 Multiple Radius Barrier

Emergency opening	Standard
	Crank release
	On request
	Chain release, UPS battery

[..] SICUREZZA

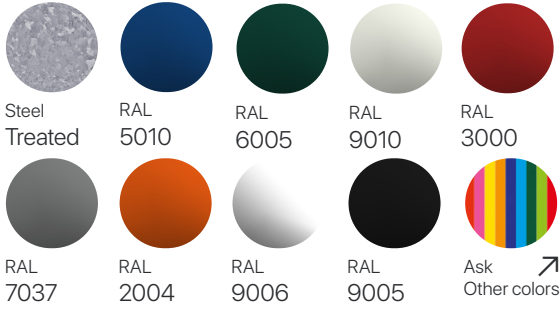
FOOD "GOCCIA"

Components	Standard
	Pair of IP65 photocells, anti-strain/reversal sensor
	On request
	IP65 Wireless Security Resistive Coast

Emergency opening	Standard
	Crank release
	On request
	Chain release, UPS battery

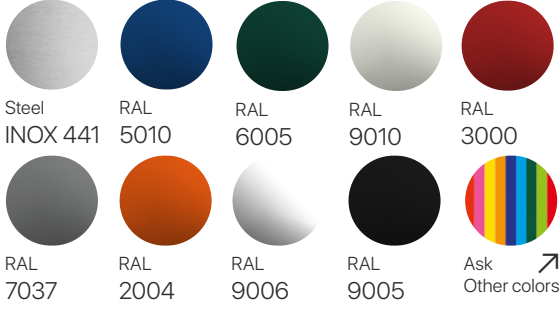
Types and colors structure (RAL)

FOOD BASIC



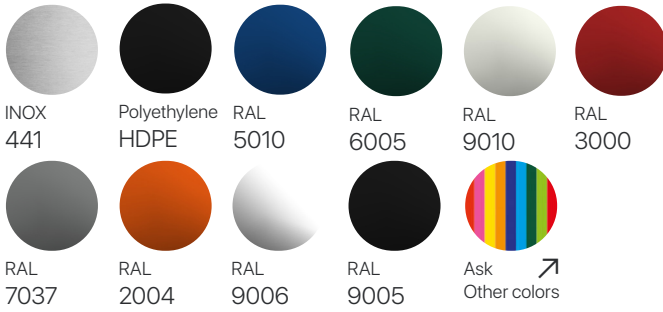
Types and colors structure (RAL)

FOOD INOX



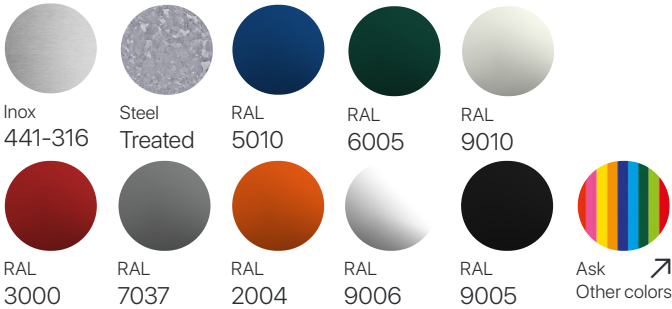
Types and colors structure (RAL)

FOOD HDPE

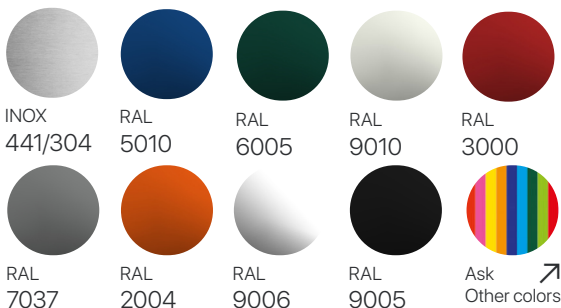


Types and colors structure (RAL)

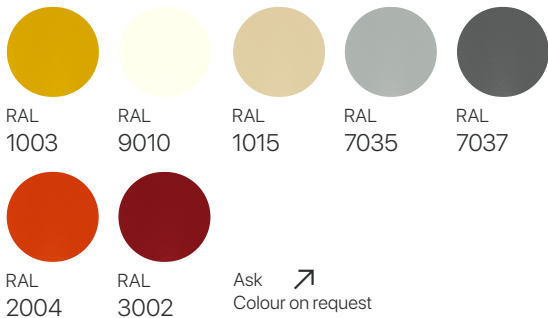
FOOD CHEESE



Types and colors structure (RAL)



Colors PVC fabric (RAL)



G Account

Log in to download the .dwg



RAPID DOOR

ZipGO *Clean Room*

Rapid door for clean rooms and sterile environments



What is it?

The ZIPGO CLEAN ROOM is a high-speed roll-up door designed to separate positive-pressure environments, preventing the transfer of contaminating particles and ensuring compliance with ISO air cleanliness classes as defined by EN ISO 14644.

Structure › Stainless steel

Air Permeability › Up to Class 4



**Flexible door
for **sterile**
environments**

Main features

Low permeability

With a very low air permeability index we can attest that this rapid door is able to limit the passage of air in the closed condition.

Hermetic

This model is intentionally non self-repairing: the reduced-section polizene uprights are precisely shaped to ensure maximum airtightness, eliminating any leakage paths. The polizene used is non-toxic, inert, with an extremely low coefficient of friction, and suitable for food contact—guaranteeing the highest safety and reliability.

For cleanrooms

Roll-up door for sterile environments where maximum tightness and silence is required.

ZipGO Clean Room is a high speed door that has been developed to meet the needs of transit between/and for sterile environments, where required, by regulation and/or logistical need, the most total preservation of the clean room air.

So, who's it meant for?

ZipGO Clean Room is a high speed door optimized for the operation of all those environments that need to work in conditions of extreme cleanliness, if not maximum asepticity.

Features

Hermetic
Silent
+antibacterial
Absence of oils

Used mainly to

Hospital clean rooms
Pharmaceutical
companies
Rooms for intensive care
Cleanrooms

Recommended
for

Cosmetic and herbal
companies
Biological laboratories
Design studies

[Discover other fields](#)[↗]

The ZipGO Clean Room roll-up door is the professional solution able to operate easily in medical laboratories where there is a request to maintain high hygiene and pressure, in order to work with ventilation parameters and sanitization controlled.

Pa = ±40

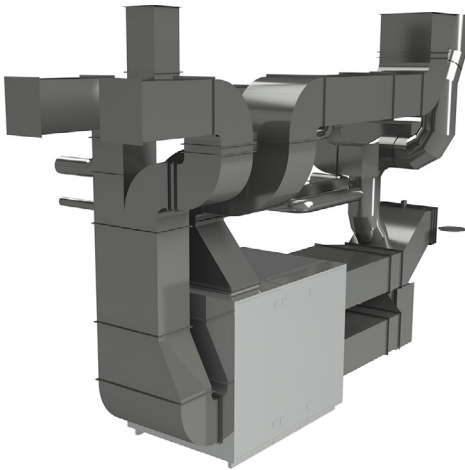
Pressure-tight 40Pa and max up to 50Pa*

*actually under testing

With the highest pressure resistance on the market, Clean Room is ready for anything.

So? It's airtight.

ZipGO Clean Room is a high performance pharmaceutical door able to work in environments where the pressure exerts strong compressive and/or decompression forces during the working plates of the room, without allowing a high air permeability. Having designed a particular structure, almost totally waterproof, it remains able to resist greatly to air exchanges when it is being closed.



Clean Room rapid doors are able to isolate sterile environments as much as possible, allowing the installation, never under or oversized, of all machinery for the management of ventilation, sanitization and air purification.

Silent

The Pharma rapid door works by means of a high-speed Sommer motor that certifies a noise parameter equal to 3db. Overall, the rustling of the hinges inside the self-lubricating guides, the roller shutter and the other components, combined, show an increase of the value of 1.5db that bring the closure to a total parameter of 4db (A)*, during operation.

The parameters were perceived by means of a Phonometer with data recorder RS PRO SLM1353M, 30db → 130db (weighing A, C)

Low permeability. Less air exchange. As antibacterial as possible.

Easy to sanitize and without lubricants.

The Clean Room has been developed specifically to allow the easiest maintenance over time by customers, considering the continuous necessity or the need to keep it with a state of high cleanliness.

Hygienic and functional structure

Top head section: a single insulated stainless steel structure housing the motor inside, fully protected from contamination.

Bottom closure: contoured aluminium bar with a dedicated sealing gasket in contact with the floor for continuous, uniform sealing.

STRUCTURE

Sizing	Width 5000 mm x Height 5000 mm
Structure	Top head section: a single insulated stainless steel structure housing the motor inside, fully protected from contamination. Bottom closure: contoured aluminium bar with a dedicated sealing gasket in contact with the floor for continuous, uniform sealing.
Lateral uprights	Standard 140 mm uprights On request Counterweight system with 240 mm uprights
Motor cover	Standard Galvanized steel A richiesta Powder coated steel, Stainless steel 441/316
Sliding	Patented system of guides in high density self-lubricating polyene and sliding hinge directly on the cloth

COVERING

Double-sided PVC ripstop fabric	Standard Choice of colours weighing 950 gr/m ² On request Insulated 7 mm (3.3 W/m ² k), Translucent 35/40%, FDA White, Antistatic
Windowy	Porthole
Type of window	Transparent crystal
Window colour	Transparent

SPEED

Opening > up to 2,0 m/s	Closing > 0,5 m/s
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MECHANICAL AND ELECTRONIC

Control panel	Standard IP54 painted steel frame (300 x 500 x 150 mm) On request Stainless steel, IP65 PVC frame (300 x 400 x 150 mm)
Components and features	50/60 Hz inverter with absolute encoder Start/Stop button 2 clean contacts (door open/closed/alarm) Interconnection 2 doors automatic/ manual Motor and switchgear protection category IP54
Main supply	Standard Power supply 3 CV, 400V max 10A A richiesta Power supply 1 CV, 230V max 16A Power supply 3 CV, 230V max 16A
Wiring	Plug and Play IP65 system

TEST

Standard UNI EN 13241/CE

Watertight	Ref.s EN 12425, EN 12489	Class 1
Wind pressure	Ref.s EN 12424, EN 12444	Class 3
Air tightness	Ref.s EN 12426, EN 12427	Up to Class 4
Transmittance	Ref. EN 12428	6,02 W/m ² K
Performance	Ref.s EN 12604, EN 12605	1.000.000 of cycles

Operating temperature > 0/-10 C°
Values may vary based on door sizing [...]



RAPID DOOR

ZipGO **ATEX**

ATEX industrial door



What is it?

The ATEX High Speed Doors (atmosphères explosives) has been designed to help all those companies that need to operate in environments that present a high risk of explosion or explosion, coming from objects close to each other or that could come into contact with the door.

Component > IP65 e IP67

Air permeability > Class 4



Main features

Compliant

EN 60079 – X standards cover a number of aspects related to potentially explosive atmospheres. These standards, which are also the basis of EU Directive 2014/34 (ATEX), describe the types of explosion protection for electrical equipment, as well as the assessment or classification of hazardous areas in an installation.

Therefore, on the basis of these regulations we have developed an ad hoc door.

Hermetic

The special structure and explosion-proof components is able to operate in constant harmony with the surrounding environment, always providing the highest degree of tightness and protection from possible triggering agents.

Explosion-proof

Fold-up rapid door dedicated to environments that have physical characteristics of potential deflagration or explosion.

ZipGO ATEX is a rapid door designed to meet the needs of particular sectors where high operational transit is required in conditions with a high risk of detonation.



Features

Structure AISI 316L
Explosion-proof fabric
Hermetic (gas and dust)
ATEX components

Used mainly to

Chemical industry
Experimental laboratories
Mining

Recommended
for

Refineries
Cosmetics industry
Energy industry

[Discover other fields ↗](#)



So, who's it meant for?

ZipGO ATEX is designed to optimize the logistics of all those industries that need to isolate the environment operating in unstable conditions, minimizing the risk of accidents.

Therefore, it remains a highly specific product for product sectors that require the use of equipment suitable for potentially explosive atmospheres due to flammable materials or dangerous reagents. Chemical companies or those who work in the refining of products by means of solvents are the activities that can find in this our door a real solution that meets all the legal requirements.

Compliant but not only. Always customized.

We develop ATEX projects in a very serious way, looking at both the mandatory legislation by law and the real risk of triggering that the company must know how to limit and/ or not expand.

II 3 G Ex db eb h ia mc IIC T4 Gc
II 3 D Ex h ia mc tb IIIB T135°C Dc
CE 0029 APRAGAZ 20ATEX0205 X
T environment -10°C up to 45°C

Only AISI 316L.

At the regulatory level we know that it is possible to develop products both in galvanized steel and stainless steel in order to preserve or not to feed the trigger between the components coming out of the structure with the chemicals treated by the company.

ATEX engine, variator and encoder

Just like the basic ZipGO version, the ATEX also provides a high-tech engine with German efficiency with the only difference that remains tested and certified for the ATEX standard.

Treatment of electropolishing

Thanks to a special finishing process, carried out on the AISI 316L stainless steel structure, we are able to guarantee greater protection against electrostatic charge in potentially explosive atmospheres.

Side profiles and airtight cross-section housing

We have developed the structural part with special folding points that help to increase the seal value of the door against the wind, up to class 4. By means of a special reinforcement on the guides we can guarantee a sealing on the division of potentially dangerous environments*.

* "dangerous" means any environment where a potential explosion from gas or dust may develop.

IP65 and IP67 sealed components

At the design stage we decided to provide all the components of this specific industrial rapid door with very low penetration levels, such as: IP65 or IP67, all, in order to avoid as much as possible the entry by foreign components that, stagnating, could lead to a mould or corrosion and, therefore, to a possible formation of a bearing deflagration reagent.

A photograph of an industrial facility, likely a water treatment plant. The scene is dominated by a long, narrow walkway lined with large, white, cylindrical storage tanks. Orange metal safety railings run along the top of the tanks and across the walkway. The ceiling is high and filled with a complex network of pipes, conduits, and structural beams. On the left, a yellow sign with the letters 'CS' is visible. The overall lighting is somewhat dim, with a dark shadow cast across the bottom portion of the image where the text is located.

What's the big deal?

Ask our R&D department to carry out a free inspection at your site in order to evaluate all the characteristics of the same and to study ad hoc a truly performing solution for your real needs.



Accessories and integrations



Painted steel electrical panel for ATEX environments



Button type "open" painted steel for ATEX environments



Debimeter for regular air flow control



Find out more [↗](#)

STRUCTURE

Sizing	Width 5500 mm x Height 5500 mm
Beam and uprights	Not self-supporting stainless steel AISI 316L
Motor cover	AISI 316L stainless steel
Sliding	Patented system of guides in high density self-lubricating polyene and sliding hinge directly on the cloth

COVERING

Bispalmate PVC woven cloth	Antistatic with a weight of 1200 gr/m ²
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SPEED

Opening > equal to or greater than 2,5 m/s	Closing > 0,5 m/s
--	-------------------

MECHANICAL AND ELECTRONIC

Control panel	Standard IP54 painted steel frame (300 x 500 x 150 mm) On request Acciaio INOX, frame in PVC IP65 (300 x 400 x 150 mm)
Components and features	50/60 Hz inverter with absolute encoder Start/stop button 2 clean contacts (door open/closed/alarm) Interconnection 2 doors automatic/ manual Motor and switchgear protection category IP54
Main supply	Standard Power supply 3 CV, 400V max 10A On request Power supply 1 CV, 230V max 16A Power supply 3 CV, 230V max 16A
Wiring	Plug and Play IP65 system

TEST

Standard UNI EN 13241/CE

Watertight	Ref.s EN 12425, EN 12489	Class 3
Wind pressure	Ref.s EN 12424, EN 12444	Class 4
Air tightness	Ref.s EN 12426, EN 12427	Class 1
Transmittance	Ref. EN 12428	6,02 W/m ² K
Performance	Ref.s EN 12604, EN 12605	1.000.000 of cycles

Values may vary based on door sizing [...]



RAPID DOOR
Alumina

Industrial high speed door



What is it?

A rapid door built with modular extruded aluminum structure to facilitate shipping and assembly on site. Designed to reach economically places that have difficulties in receiving and/or installing.

Speed > Speed opening up to 2.0 m/s

Wind resistance > Class 2 *

* up to Class 4 avoiding the self-repairing of the door

Overview ↗



Main features

Easy to find

This type of rapid door being composed of an extruded aluminum profile structure, both for horizontal and vertical uprights, remains highly versatile in the case of accidental damage as the availability of the selected profile is always searchable on the market unlike structures at folded specially.

Beautiful and stainless.

In addition to being extremely light, aluminium also offers excellent oxidation resistance. This material enjoying a very thin layer of oxide prevents oxygen from corroding the underlying metal while also giving it the particular aesthetics of the characteristic silver metal.

Compact design

The self-repairing door with an attractive design with quick winding. Lightweight, innovative and compact structure.

Alumina self-repairing doors have been designed with an innovative extruded aluminum profile ensuring greater ease of transport and assembly.



Features

Durable
Designer
Modular
Easy installation
Reduced cost
Recyclable

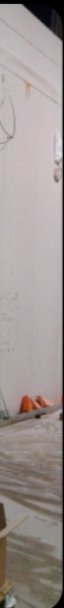
Used mainly to

Small laboratories
Storage rooms
Offices

Recommended
for

Food industry
Pharmaceutical industry
Cosmetics company

[Discover other fields](#) ↗



So, who's it meant for?

ZipGO Alumina is a project designed to meet different types of needs: rapid transits between two environments, quick installation, refined aesthetics and versatility of repair thanks to its modularity. The flexible rapid door ZipGO Alumina is able to be installed in as soon as ~60' by unqualified operators or by the same companies that purchased it.



But isn't aluminium ductile?

Yes, and that's why all our ZipGO Alumina structures are treated with the anodizing process that applies an artificial oxide coating to the metal alloy. Therefore, the oxide covers the surface of the aluminium giving it a greater resistance against atmospheric agents, stains, scratches and bumps.

Anodized aluminum frame

The Alumina industrial door is a roll-up door equipped with motor housing and anodized aluminium barriers. Ideal for companies looking for reliability and simplicity without sacrificing design.



Attractive design

Thanks to the process of colored anodic oxidation, we can improve the characteristics of the aluminized surfaces of the structure, obtaining particular decorative effects through the coloring of the base material.

Therefore, also the structure of ZipGO Alumina is able to become harmonious not only with the cloth but with the external elements that make up your environment.

Easy to install

The modular configuration also provides another great feature for this rapid door, namely ease of installation. Just as if it were a game to be played, ZipGO Alumina, is very simple to assemble on site in order to unleash its effects as soon as possible.

Modular

Our designers have carefully selected the commercial profiles in order that the structure could be considered as versatile* as possible against the use by the end customer.

* a great modularity and a continuous availability in warehouse is what best represents this project able to grant a faster substitution in case of structural damage.

Reduced cost

Both the cross housing and the uprights, being formed by extruded profiles of standard size, produce a packaging as optimized as possible. Even being the most expensive aluminum steel, being already extruded upstream, the processing process for the transformation into the "door" product has extremely low costs.

Recyclable

Aluminium has optimal characteristics for recycling: it can be 100% recycled and endlessly reused, to give life to new products every time. All the aluminum produced in our country comes from recycling and does not differ in any way from that obtained from the original mineral because the fundamental characteristics of the metal remain unchanged.



Highly resistant

This version of ZipGO Alumina self-repairing quick door has been designed with the intent to give maximum durability to the use, considering both the possible accidental damage by operators at work and other external agents.

Another aluminum.

Tested to withstand

Stains

Scratches

Corrosion

Operational impact

STRUCTURE

Cross-beam	Standard Without carter A richiesta Anodized aluminium carterization with partial cylindrical shape section, anodized aluminium carterization with total cylindrical shape section
Lateral uprights	70/80 mm anodized aluminium
Motor cover	Anodized aluminium
Sliding	Self-lubricating side hinge without rigid bars

COVERING

Double-sided PVC ripstop fabric	Standard Choice of colours weighing 950 gr/m ² On request Insulated 7 mm (3.3 W/m ² k), Translucent 35/40%, FDA White, Antistatic
Windowy	Porthole
Type of window	Transparent crystal
Window colour	Transparent

SPEED

Opening > up to 2 m/s	Closing > 0,5 m/s
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MECHANICAL AND ELECTRONIC

Control panel	IP54 painted steel frame (300 x 500 x 130 mm)
Components and features	Emergency stop button Door lock disconnecter Single phase inverter with max power 2.2 kW Three-phase control inverter with max power 4 kW M8/M12 IP65 connector wiring Display of status/errors display Relay location Compass functions
Main supply	230V AC single phase

TEST

Standard UNI EN 13241/CE

Wind resistance	Ref.s EN 12424, 13241/CE	Class 2 *
Wind speed with moving door	-	< 20 m/s (60 km/h)
Standard soundproofing	ISO 170	15 dB Rw
Water resistance	Ref. EN12426	0.11 kPa for closed door – Class 3
Performance	Ref.s EN 12604, EN 12605	1.000.000 of cycles, > 200 cycles/hour

* the tests have been performed specifically on this version of ZipGO Alumina. It is possible to improve the wind resistance up to Class 4.

Operating temperature > - 10 C°+ 70°C [...]



RAPID DOOR

ZipGO *CONVEYOR*

Industrial high speed door



What is it?

The ZipGO Conveyor rapid door is a flexible door designed to divide all those processing spaces operating by means of automated machines. It often divides automated areas and islands acting as a barrier to man in the moments of operation of the machines.

Speed > Man-machine 2.2 m/s

Protection > Man-machine



What is the point?

Definition of machine

A unit which is equipped or intended to be equipped with a drive system, other than direct human or animal force, consisting of parts or components, at least one of which is movable, and which are firmly connected together for a well-defined application.

In practice what falls

- Machines in general
- Interchangeable equipment
- Safety components
- Lifting accessories
- Chains, ropes and straps
- Mechanical transmission equipment

Therefore, the Conveyor industrial rapid door is also considered a full-fledged machine.

Always fast

Roll-up door for industrial environments where both safety and very high production performance requirements must be met.

ZipGO Conveyor is a rapid door made of PVC that can meet the logistical needs of different types of industrial lines and the directives imposed by law on man-machine safety.



Features

**Complies with the
machinery directive**
Secure
Programmable
Shockproof

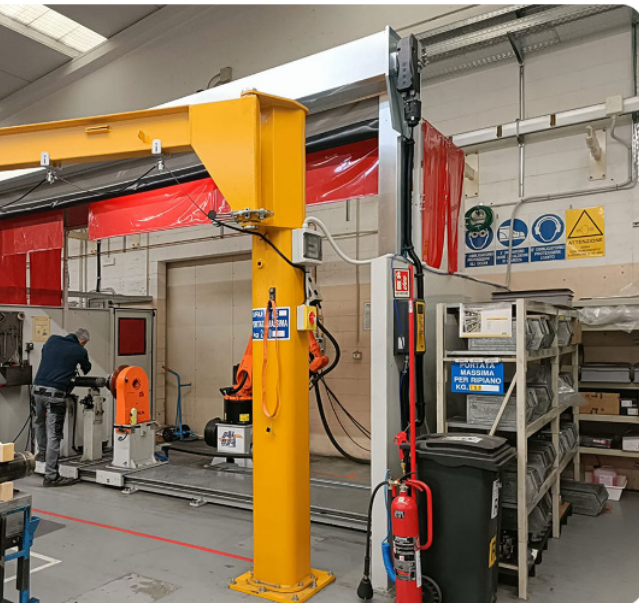
Used mainly to

**Man-machine
installations**
Automotive lines

Recommended
for

Automated warehouses
Engineering

[Discover other fields ↗](#)



So, who's it meant for?

ZipGO Conveyor is a door designed to safely optimize many of the logistics operations of the industries that involve the alternation of men and automated machines on industrial lines.

The ZipGO Conveyor rapid door is the self-repairing door that is ideally suited for a variety of industrial separation requirements, both for necessity and for legal obligation.



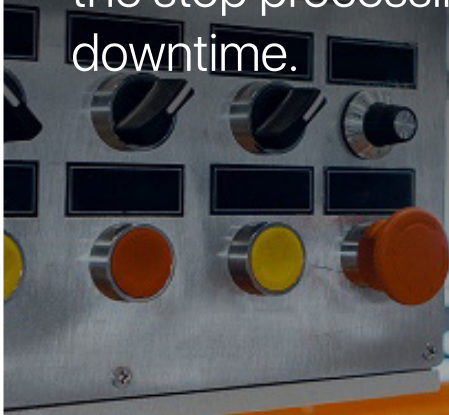
What the legislation says

Manufacturers and stakeholders affected by the Machinery Directive, in the event of non-compliance with Legislative Decree 81/2008, are subject to administrative and financial penalties.

So... We operate in order to always stay in line with all the articles dictated by the machinery regulations in order not to run into or have the company sanctioned for negligence. In addition, thanks to a special program called G Service of GLG we are able to keep the door under control by constantly informing corporate managers about any updates in terms of law.

Unmatched safety

Thanks to special safety sensors installed over the entire length of the vertical uprights, The ZipGO Conveyor rapid door is able to develop a high degree of safety against the operation of man during the stop processing and the machine downtime.





ZipGO can be inspected

Basically, each ZipGO Conveyor is equipped with a micro security that can be inspected on the ground, which offers a second closed door signal in addition to that of the control panel.



Programmable frequency

Combined programming

By means of a special SOMMER control unit we are able to guarantee maximum efficiency and safety combined with variable opening and closing cycles of the door, in combination with other electronic control units of other machines.



EN ISO14120 STANDARD

Resistant to moving masses

Conforming to ENISO14120, the ZipGO Coveyor door is able to withstand the impact of a moving mass of 100kg running at a speed of 6km/h. The impact energy unleashed will be 115 joules.

Barriers, grilles and safety nets

Custom design

Our technical department is able to develop tailor-made solutions that preserve the intrinsic safety of automated environments, always considering not only the object brings rapid but having a view of more global and related to the surrounding environment.

STRUCTURE

Sizing	Width 6000 mm x Height 5000 mm
Beam and uprights	Not self-supporting galvanized steel with micro security of the mast can be inspected on the ground
Motor cover	Standard Galvanized steel On request Powder coated steel Stainless steel 441/316

COVERING

Double-sided PVC ripstop fabric	Standard PVC covering 950 gr/m ² or anti-extinguishing PVC Class 2 On request Translucent 35/40%, FDA white, antistatic
Windowy	Porthole
Type of window	Transparent crystal
Window colour	Transparent

SPEED

Opening > up to 2,2 m/s	Closing > 0,5 m/s
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MECHANICAL AND ELECTRONIC

Control panel	Standard IP54 painted steel frame (300 x 500 x 150 mm) On request Stainless steel, PVC frame (300 x 400 x 150 mm)
Components and features	50/60 Hz inverter with absolute encoder Start/ Stop button 2 clean contacts (door open/closed/alarm) Interconnection 2 doors automatic/ manual Motor and switchgear protection category IP54
Main supply	Standard Power supply 3 CV, 400V max 10A On request Power supply 1 CV, 230V max 16A Power supply 3 CV, 230V max 16A
Wirings	Plug and Play IP65 system

TEST

Standard UNI EN 13241/CE		
Watertight	Ref.s EN 12425, 12489/CE	Class 2
Wind pressure	Ref.s EN 12424, EN 12444	Class 2
Air tightness	Ref.s EN 12426, EN 12427	Class 1
Transmittance	Ref. EN12428	6,02 W/m2K
Performance	Ref.s EN 12604, EN 12605	1.000.000 of cycles
Machinery Directive	Ref.s 2006/42/CE, 2014/30/UE (EMC)	Compliant
Safety of control circuits PL D	Ref.s EN 13849-1, IEC 62061	Compliant

The above values may vary based on the door sizing.

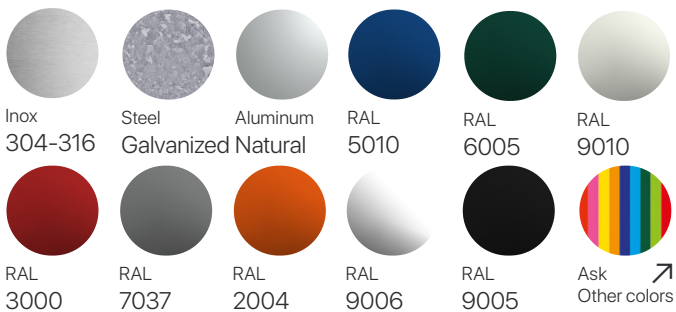
Operating temperature > -30 C° not suitable for positive/negative temperatures [...]

[...] SAFETY

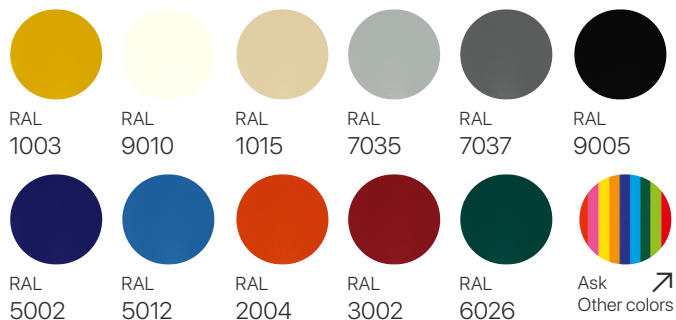
Components	Standard
	Multi-beam barrier H 2500 IP67
	On request
	IP65 Wireless Security Resistive Coat

Emergency opening	Standard
	Crank release
	On request
	Chain release, counterweight, UPS battery

Types and colors structure (RAL)



Colors PVC fabric (RAL)



Technical drawing of a barrier with dimensions:

- Max. Height
- Clear opening
- 800
- Clear opening
- 500
- Max. Width
- 400
- 400
- Total size

Account

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RAPID DOOR
MegaGO

Aircraft hangar doors



What is it?

MegaGO is a fold-up door composed of an important stacking steel structure and modular double layer in polyvinyl chloride. It is designed to close rooms that must accommodate gigantic objects and therefore need huge widths and/or heights to enter the building.

Max height > 15m

Max width > 35m

Overview [↗](#)



Main features

Widths and heights for various sectors

MegaGO doors are suitable for managing the movements of large machinery through large openings, often as large as entire walls of warehouses, hangars for civil or military aviation, logistics depots and shipyards. These doors are also used in the mining, industrial and agri-food sectors.

Tested up to

160km/h

Guaranteed up to Class 5

MegaGO is the stackable closure to manage the handling of large objects through huge openings.

The MegaGO door has been designed by the design team in order to allow the possibility of coming into direct contact with engineers and architects able to develop the most suitable solution for the real needs of very demanding yards in terms of opening.

The real strength of this range of doors is always to obtain a vertical opening and closing for large openings, in a relatively short time, in order to allow the passage of machinery, aircraft and ships, always considering the presence of strong winds at high altitude.

Features

Huge size
Intralicciated structure
Corrosion-resistant
Multi engine
Modular tarp

Used to

Shipyards and shipyards
Airport hangar
Warehouses

Recommended
for

Specialized industry
**Composting and
agriculture**
Quarries and mines



So, who's it meant for?

This big industrial door is ideal for outdoor environments, especially when there is a need to close a warehouse while maintaining maximum lighting to allow the entry of objects of considerable size inside the closed building.

It is often used to shelter large-winged aircraft, cargo ships, heavy-duty trucks or agricultural vehicles with dimensions beyond the normal width of the road. In addition, they can be used to reach heights serving the shelter of agricultural silos or tanks working for fallout.



When width is a problem, there is MegaGO.

It is suitable for the management of logistics movements of large machinery and vehicles through large openings, often as large as entire walls of warehouses, hangars for civil and military aviation, depots and shipyards. MegaGO also ensures minimal maintenance.

Not only in width but also in height.

MegaGO rapid doors are designed to exceed 15 metres* in height. Each door is individually designed to fit the structure on which it must be installed, so each project is unique and with a personalized approach to the smallest details. Through the support of our engineers, we will work together with you to build a door suitable for your real opening needs, even the most important ones.

* arriving in oversized versions up to 22m in height.

Large door size

Developed by the in-house engineering team, MegaGO can be designed up to 35m wide and 15m high.

Trellis-worked structure

Often designed in hybrid mode with anodized aluminum and stainless steel AISI 316L ensures great structural stability.

Anti-corrosion

Thanks to the oxidizing properties of aluminum and stainless steel does not fear the aggression of external agents. Salt and salt water in the air will become just an old memory.

Multi-engine

We have chosen SOMMER multiple motors for linear lift and torque.

Modular PVC fabric

The application of PVC bands allows, in the case of surface tearing, a partial replacement.

Unparalleled dimensioning

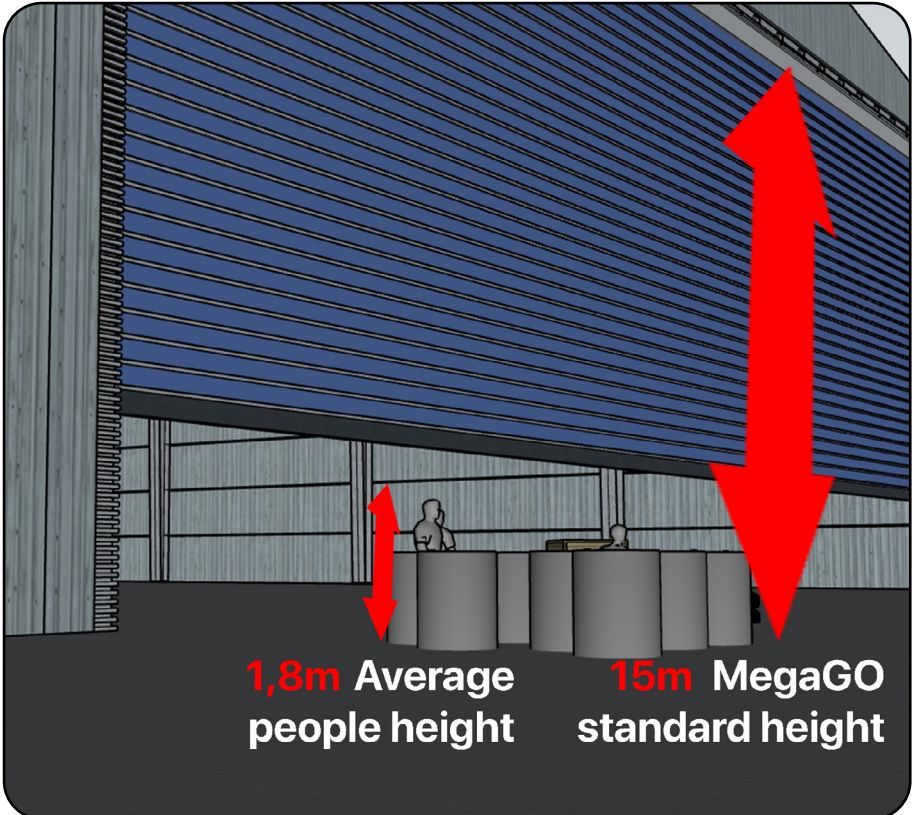
The MegaGO door is specially developed by expert technicians for every construction site where it is necessary to keep large passage compartments of the building, without ever precluding the possibility of closing the compartment like a real blocking wall.

Resistant to high winds

Having huge vertical surfaces to cover, one must consider the forces in the wind at different heights and speeds, This is why our tests have been developed using the Beaufort scale, allowing us to develop a truly blocking product even under the action of the strongest winds in the world.

Tailor-made

Experienced architects and engineers are constantly at the forefront to ensure professional development for each new project, which is customized and tailored to customer needs and site conditions. For us, the constant goal remains to face the challenge of covering ever wider and higher areas, while maintaining maximum operational fluidity and optimal action speed.



STRUCTURE

Sizing	Width 35.000 mm x height 15.000 mm * * in oversized versions you can reach up to 22m in height.
Beam and uprights	Not self-supporting, truss in stainless steel + aluminium or stainless steel AISI 316L
Depth	300 – 400 mm
Motor cover	Absent, motor positioned inside the structure

COVERING

2x double-sided PVC ripstop fabric	Standard Constant height sectors with colours of your choice and a weight of 950 gr/m ² On request Insulated sheet PVC 1350 gr/m ²
Windows	Standard Crystal window 1200 300 mm On request Translucent sector 35/40%
Hoisting ropes	High Tenacity Polyester Fiber Internal Lifting Belts at Constant Pitch, 2x Safety Belts with 1.5t Strength

SPEED

Opening up to 0.4 m/s	Closure 0.3 m/s
-----------------------	-----------------

MECHANICAL AND ELECTRONIC

Control panel	Standard IP65 painted steel (400 x 500 x 2000 mm) On request Electromechanical panel with possibility of control by PLC
Components and features	Power transmitters (50 Hz) Auxiliary power supply 24 Vac
Main supply	2x Power supply 3 HP, three-phase 400V

TEST

Standard UNI EN 13241/CE

Wind pressure	Ref.s EN 12424, EN 12444	Up to 5 *
Performance	Ref.s EN 12604, EN 12605	1.000.000 of cycles

* for the MegaGO door it is possible to request a specific oversized design, reaching up to wind speeds of 110 Km/h.

Operating temperature Operation - 30 C

Wind speed during operation 20 m/s - up to 72 km/h [...]

[...] SAFETY

Components

IP65 Safety Resistive Rib

Emergency opening

Mechanical

Types and colors structure (RAL)



Steel
Galvanized

Colors PVC fabric (RAL)



RAL
1015



RAL
5002



RAL
6026



RAL
7035



RAL
7037

Account

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PLAN

Technical drawing labels: n. doors, H. doorway, L. transparent view, H. transparent view, H. engr, H. engr, H. key, H. control, D. upright, W. upright, L. doorway, L. crossbar, W. total, H. case.



FOR EXTERNAL WAREHOUSES
PolyGO

Industrial PVC curtains



What is it?

An economical solution for the closure of large compartments not subject to high traffic. Ideal for those who want to quickly cover large spaces with little expense.

Hardly flammable > Classe 2
On request > Brace straps

Overview ↗



Features

Super slide
Economic
Flame-retardant
Versatile
Very easy to install
Covers large compartments
Energy saving
Reduction of heat and cold dispersion

Applications

Industry
Composting
Breeding
Agricultural storage
Warehouses
Laboratories



So, what is a PolyGO?

The PolyGO is nothing more than an industrial sliding curtain made of Class 2 flame retardant polyester fabric, sliding on top of a rail.



What does it allow me to do?

1. Make mobile dividing walls that can be traversed if necessary.

2. Infill to limit heat loss.

3. Quickly cover external warehouses with little expense.

Close with little expense

Our PVC sliding tents for sheds are the ideal choice to close outdoor spaces and warehouses with little expense, offering a versatile and convenient alternative to traditional construction solutions. With the strength and durability of PVC, we ensure reliable protection from adverse weather conditions, enabling efficient space management without compromising the company budget.

In conclusion, our PVC sliding tents for sheds are the perfect solution to close outdoor spaces and warehouses in a practical and convenient way for all budgets.

Fire? no thanks!

Class 2

hardly flammable

Cheap, but also safe.



STRUCTURE

Sizing	Width 30000 mm x Height 6000 mm
Tensioning system	With ratchets + steel bars inserted in the cloth having a distance of mm. 1000, joined by a steel chain stretched by tensioner.
Sliding	Horizontal, by means of monorail anchored to the existing structure by dowels.

COVERING

PVC fabric	Flame resistant polyester fabric Class 2, 950 gr/m ²
------------	---

SPEED

Opening and closing	Manual, through special handles installed on cloth.
---------------------	---

TEST

Standard UNI EN 13241/CE		
Fire resistance	--	Class 2
Tensile strength in warp and weft	--	Equal to 290 N/5 cm
Tear resistance	--	20 Kg. Ca
Operating temperature > Operation – 30 C°+ 70°C		

Type of structure



Steel
Galvanized

Covering colors (RAL)



RAL
1003



RAL
9010



RAL
1015



RAL
7035



RAL
7037



RAL
9005



RAL
5002



RAL
5012



RAL
2004





RAL
3002



RAL
6026



Ask 
Other colors



Account

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FOR SUPERMARKETS
FlexGO

Flexible hinged door



What is it?

Suitable for installation on frequent pedestrian crossings and escape routes. The ideal solution for the division of operating environments in both industrial and food environments.

Flexible panels > Reinforced PVC on the torsion points

Cold resistance > Up to -35° (with addition of plasticisers)

Overview ↗



Features

Ideal for the division of environments

It installs quickly

Reliable

Shock-resistant

Versatile

For frequent pedestrian crossings

With manual or automatic opening

Low maintenance

Applications

Generic industry

GDO

Storage

Railway and tramway workshops

FlexGO is the flexible door that allows a wide and safe view of the adjacent working environment.

Designed to divide

The FlexGO flexible PVC swing door is ideal for separating operating environments in both industrial and commercial environments. It is particularly useful in closing large gates such as depots and railway workshops with high voltage overhead lines.



Flexible FlexGO door series installed for Trenitalia wagon depot to close access to workshops.

Flexible panels

Made of reinforced PVC on the torsion points with the addition of plasticisers for use even at low temperatures (up to -35 somebody) that maintain the characteristics of transparency and resistance to impact and abrasion

Up to -35°

Versatile

The FlexGO is available both in the version with manual opening and automatic spring closing, and in the automatic version with pneumatic and electro-pneumatic devices for automatic opening in contact or with remote control (buttons, tie rods, radar, photocells).



PVC reinforced

Very strong

Resistant to all

Against bumps and abrasions.



Can be installed in no time.

Quick and easy to use.

The FlexGO Flexible Swing Door is an excellent solution for dividing or closing high pedestrian crossing operating spaces, where operators must move frequently from one department to another.



Mixed A

With base in coloured PVC (yellow/grey) or black rubber with double canvas (thickness 8.5 mm) and transparent at the top.



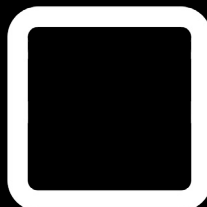
Mixed B

With plinth and headboard in colored PVC (yellow/gray) or black rubber double canvas (thickness 8.5 mm) and transparent in the central part.



Transparent

With transparent PVC panels hardly flammable (thickness 5 to 7 mm)



STRUCTURE

Sizing	Width 5000 mm x Height 6000 mm
Supporting structure	Standard Galvanized steel profile, cold bent with monolithic structure available 3 profile models, depending on the size of the door. On request Supporting structure in AISI 304 stainless steel.

COVERING

Flexible panels	Made of reinforced PVC on the torsion points with the addition of plasticisers for use even at low temperatures (up to -35) that maintain the characteristics of transparency and resistance to impact and abrasion.
Transparent solution	With flame resistant transparent PVC panels (thickness from 5 to 7 mm)
Solution A	With base in coloured PVC (yellow/grey) or black rubber with double canvas (thickness 8.5 mm) and transparent at the top.
Solution B	With plinth and headboard in colored PVC (yellow/gray) or black rubber double canvas (thickness 8.5 mm) and transparent in the central part.

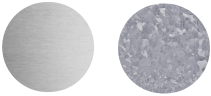
SPEED

Opening and closing	Manual with "swing" movement or motorized by means of pneumatic cylinder on large openings.
---------------------	---

[...] SAFETY

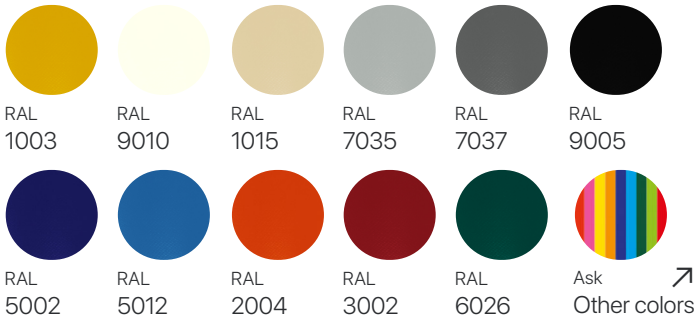
Locking devices	Opposed arms with adjustable torsion spring
-----------------	---

Type of structure



Inox AISI 304 Steel Galvanized

Colors (RAL)



RAL 1003 RAL 9010 RAL 1015 RAL 7035 RAL 7037 RAL 9005
RAL 5002 RAL 5012 RAL 2004 RAL 3002 RAL 6026 Ask Other colors

Max. Height
Clear opening
1200
800
Clear opening
35
400
400
Clear open
Max. Width
350
480
Total size

G
Account

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The image shows a technical drawing of a door with various dimensions. The door is shown in a closed position. The drawing includes a call to action: 'Log in to download the .dwg'. The dimensions are as follows: Max. Height (1200), Clear opening (800), Clear opening (35), 400, 400, Clear open, Max. Width, 350, 480, Total size.



MOVABLE PARTITION WALL
StripGO

Flexible strip closures



What is it?

Economical, easy to install and with almost no maintenance. The ideal solution for those who want to divide, in a short time. StripGO is a reliable, economical and durable product.

Width strips in pvc > 200/300/400 mm
Cold resistance > Fino a -25°

Overview [↗](#)



Features

Abrasion resistant
Tear-resistant
Soft stripes even at low temperatures
Maximum brightness and visibility
Aseptivity of the mantle
Flexibility of size and number of strips
Economic
Energy saving
Reduction of heat and cold dispersion

Applications

Cold storage
GDO
Transportation
Handling
Storage
Car washes
Clean rooms
Hospitals
Chemistry ATEX

To make your life easier

StripGO PVC strip doors represent a versatile and economical solution, ideal for closing small lights but also suitable for large industrial closures.



Flexible, why is that?

They are defined as flexible because transparent PVC panels remain soft even at low temperatures. These extruded strips curtains with rounded edges are famous for their high standards in terms of functionality, reliability and comfort.

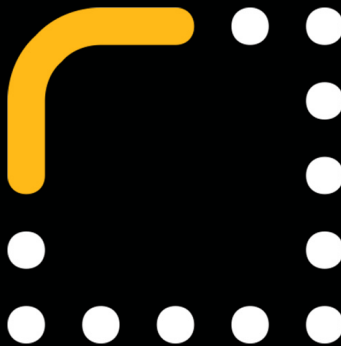
Advantages

Acoustic protection



Up to -35 db

For the safety of operators



Stripes with rounded edges

Resistance



**Against wind currents,
dust and smoke.**



STRUCTURE

Superior support

Quick Coupling Galvanized Steel or 304 Stainless Steel with fixing under lintel or wall.

Oscillating

Standard

Made of galvanized steel, fixed on rails with lintel or wall fixing.

On request

Made of AISI 304 stainless steel, sliding on top monorail or multi rail.

COVERING

Flexible strips

Standard

Certified extruded PVC with width 200 mm / 300 mm / 400 mm and thickness equal to 2 mm / 3 mm / 4 mm.

Su richiesta

PVC for special applications: transparent colored, opaque colored, satin-finished, antistatic, food contact certificate, anti-insect.

Strips topping

Partial or total, depending on the size of the closure.

OPERATING TEMPERATURE

Low temperature

Up to -25° C

High temperature

Up to +60° C

Type of structure



Steel
Galvanized



INOX
AISI 304

Colors (RAL)



Colorless
transparent



Transparent
Red



Transparent
Azure



Transparent
Orange



Transparent
Blue



Transparent
Burnished



Matt
satin

Account

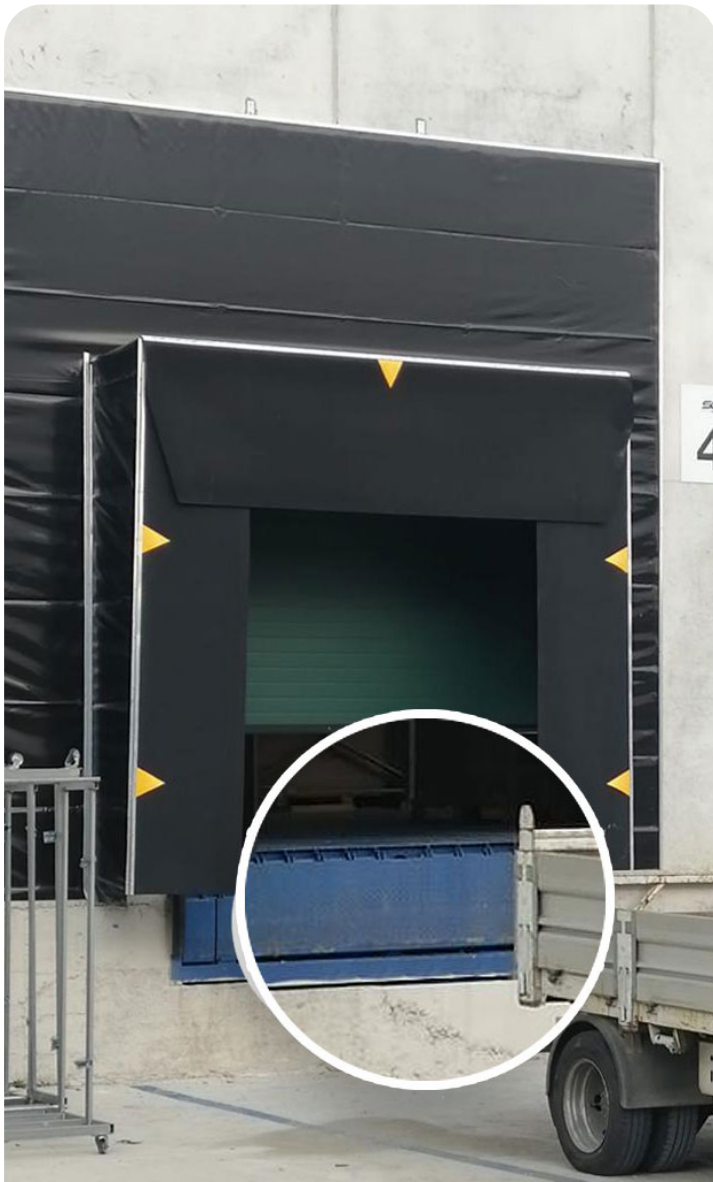
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The graphic features a technical drawing of a window or door frame with various dimensions and labels. A stylized 'G' logo is positioned above the word 'Account'. A silhouette of a person wearing a hard hat is visible on the right side of the drawing. The dimensions shown include: Max. height, Clear opening, 870, Clear opening, 150, 1500, Clear opening, 100, Clear opening, 100, Clear opening, 100, Max. width, 330, and 480.



LOADING BAY
Dock levelers

To facilitate the landing of trucks at the warehouse



Dock levelers for the flow of goods.

The ideal system to optimize the load of vehicles and make the warehouse logistics efficient in order to increase productivity.

[Overview ↗](#)



Features

**Compatible with 99,9 %
of the pits**

Durable and safe

Long-lasting

**Easy and precise
installation**

**Maximum efficiency
during loading and
unloading**

Energy saving

Port means simplified

Applications

Industry

Warehouses



A wide range of logistics solutions

GLG offers different types of dock levelers that perfectly match each type of industrial building.



SDL



GS



TDL

Standard load capacity*

6,000Kg

When the strain to bear is high patch we provide special ramps that can easily support even the most extreme situations.

*** on request up to 9000kg**



What benefits should I have?

The dock levelers for loading and unloading the goods are designed to compensate for the differences in level that interpose between the platform of the warehouse and the height of the platforms of the vehicles, pursuing European regulations and the high standards of safety and quality certificates.

No worry

We constantly carry out tests to ensure that your product is always safe and performing. GLG loading ramps last over time and do not need frequent maintenance.

STRUCTURE

SDL – Dock leveler

Sizing	Width from 1775 mm to 2225 mm Depth from 1990 mm to 3400 mm Height 600 mm
Structure	Made of electrowelded steel, to be embedded in a special pit.
Tilting support lip	120/10 thick steel, hinged to the floor, whole or divided into 3 elements, two side manually foldable. The length of the nail and any segments is 400 mm.
Upper floor	In embossed steel sheet sp. 60/10, non-slip, reinforced, below, by 6 OMEGA, welded, cold bent steel, 3 mm thick.
Structure Color	High resistance epoxy powder coating in RAL 5010 or Black 9005 blue.

STRUCTURE

GS – Mini-dock leveler

Sizing	Width from 2000 to 2200 mm Depth from 1750 to 2000 mm Lip depth 400 mm
Structure	In electro-welded steel
Pins	The product is bound with two pins (Ø25 mm) made of hot galvanized steel.
Back	The rear section is bound with three hinges locked with resistant M20 screws.
Hinges	The hinges hold the platform ensuring the linearity between the back of the ramp and the platform of the same.
Structure color	High resistance epoxy powder coating in RAL 5010 or Black 9005 blue.

STRUCTURE

TDL – Telescopic lip dock leveler

Sizing	Width from 2000 to 2200 mm Depth from 2500 to 3400 mm Height from 600 to 800 mm Lip length from 500 mm to 1000 mm
--------	--

POSITION

SDL – Dock leveler

In fossa aperta	Non necessitando di sostegno, consente un'agevole accessibilità inferiore per le operazioni di manutenzione e la possibilità di alloggiamento della sponda idraulica dell'autocarro.
-----------------	--

HANDLING

TDL – Telescopic lip dock leveler

Telescopic lip	Extensible and retractable for greater range u better positioning* * the connecting lip ramp/vehicle will be positioned at the most effective point to allow a safe and efficient loading and unloading while compensating for the difference in height between the vehicle and the warehouse floor.
----------------	---

MECHANICAL AND ELECTRONIC

Control panel	Control panel IP54 with disconnecter, warning light and a single button that controls the ascent and descent of the platform.
Components and features	Hydraulic control unit 10 m centrin cable connection 24 V low voltage controls Motor and switchgear protection category IP54
Hydraulic power unit	Positioned under the loading platform, having the following characteristics: Power: 0.75 kW Rated voltage: Three-phase 400 V – 50 Hz Absorption: 1.8 A Laps: 2800 Laps/min [...]

[...] Driving

Dock leveler drive via hydraulic cylinders:
Two simple effect for the excursion of the platform
One double effect for the rotation of the support nail

SAFETY

Anti-shearing	Side panels for safety
Coloured side signals	Yellow/black stripes indicating ramp movement.
Bumpers made of rubber	To be charted at quay
Maintenance crutch	Crutch to be inserted manually in case of maintenance
Closed-sided	In closed conditions, support on rigid supports to allow the transit of vehicles.
Anti-shearing	Fixed foot protectors

SAFETY

TDL – Telescopic lip dock leveler

Flap	Side flaps on lip 125 mm
------	--------------------------

Type of structure



Steel
electro-welded



Steel
S355

Structure colours



RAL
9005



RAL
5010

Other colours [↗](#)
On request



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LOADING BAY
Dock shelters

For loading and unloading



Dock shelters to absorb blows and protect the goods.

Designed to protect operators and goods against everyday weather such as sun, rain, wind and hail.



Features

Inexpensive

Resistant to water, wind and drafts

Drastically reduced heat loss

Compatible with 99.9% of trucks

Quick and easy installation

Optimal seal to the truck

Very high energy savings

Improved security in stock

Application

Industry

Warehouses

GDO

Feed

Logistics



A wide range of logistics solutions

GLG offers different types of dock shelters that perfectly match any type of industrial building.



**We enhance
a "simple"
product using
high quality
materials. All
Made in Italy.**

For your logistical security.

So, what are the dock shelters for?

The dock shelters cover the truck when it is docked at the dock leveler and are made with a sturdy self-supporting frame designed to absorb the blows of possible wrong maneuvers. These products are designed not to transmit the thrust of the truck under load to the warehouse facilities.

Versatile

GLG brand sealants are designed to support loading and unloading of truck fleets with almost identical dimensions in width and height.

STRUCTURE

DSH-R – Retractable dock

Dock seal (suspended)	Width 3400 mm x Height 3200 mm (Max height 3400 mm)
Standard ground dock shelter	Width 4500 mm x Height 3200 mm (Max height 3400 mm)
Front and rear frame	Made of extruded aluminium sections with high stability, connected by reinforcement arms with steel pantograph.

STRUCTURE

DSH-I – Cushion dock shelter

Sizing	Width 3400 mm x Height 2900 mm
Dunnage	DSH-I is equipped with a horizontal cushion and two vertical cushions made of foam material completely covered with a Trevira fabric with high resistance to friction. i
Assembly	DSH-I cushion sealant is pre-assembled and comes in just three pieces making dock installation quick and easy.

STRUCTURE

DSH-C – Ultra insulating dock shelter

Sizing	Width 3400 mm x Height 3400 mm
--------	--------------------------------

COVERING

DSH-R – Retractable dock

Front covering	4 mm thick, made with a double layer of rubber with inner texture.
Perimeter sheet	Standard The PVC perimeter sheet is available in all its colours and is 950 g/m2. On request Customization with customer logo on the horizontal front flap. Standard Rain channel for lateral drainage of rainwater from the roof.

COVERING

DSH-I – Cushion dock shelter

Surface	PVC fabric 950 gr/sqm
---------	-----------------------

INFLATION SYSTEM

DSH-C – Ultra insulating dock shelter

High performance ventilation	The three protective cushions are inflated and deflated by means of a fan, expanding or reducing its volume depending on the type of landing by the vehicle. After loading and unloading, the fan goes out and the cushions return to their original position.
------------------------------	---

Type of structure



Steel
Galvanized



Aluminum
Extruded

Covering colours (RAL)



RAL
9005

Other colors ↗
On request



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INDUSTRIAL
Sectional doors

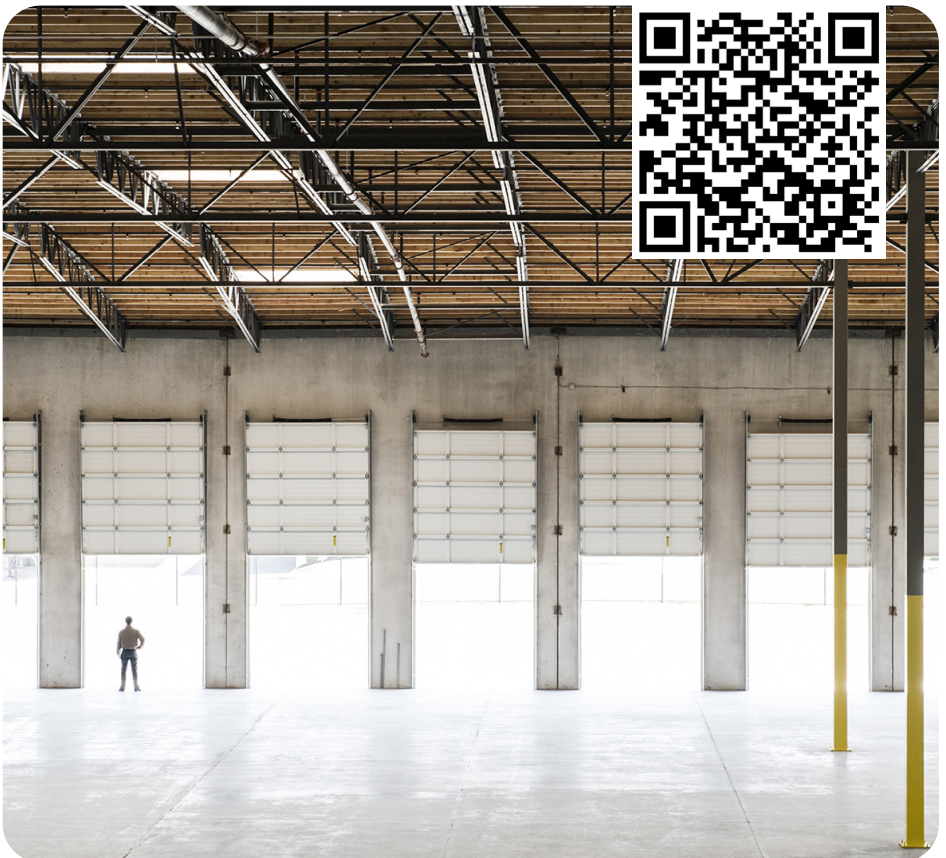
A rigid solution, to save space.



A rigid solution that saves you space.

Industrial sectionals are perfect in places of frequent passage because they isolate and sectioning entire departments increasing their productivity.

[Overview ↗](#)



Features

100% safe
Wear-free
Convenient solutions for motorisation
Reliable burglar protection
Efficient thermal insulation
Small footprint
Silent
Low maintenance

Applications

Industry
Warehouses
GDO
Feed
Logistics



Thermal insulation? No problem!

Thermal insulation is guaranteed in all storage areas: through the supply of panels with thicknesses able to ensure a very high level of insulation.



Different levels of logistics solutions

GLG brand sectional doors are made with manual opening, chain winch or motorized. It is possible to request a customized design to our engineering department for your business needs.

No noise

Shhh!

Sectional doors generate little
noise when moving



For every application

The GLG brand sectional doors are made in various standard models, in order to adapt the dimensions and opening and closing movements to the different sizes of the warehouse of its industrial center. Based on the Customer's requirements, our sectional units can be mounted with standard, semi-vertical, vertical or low architrave.

STRUCTURE**TOTAL HORIZONTAL**

Sizing	Width: up to 5500 mm Height: up to 5500 mm / 5501 mm + 9750 mm Lintel height: up to 550 mm Guide side spaces: 120 mm Depth: Height + 600 mm
--------	---

STRUCTURE**VERTICALLY SLIDING**

Sizing	Width: up to 5500 mm Height: up to 8540 mm Lintel height: Height + 600 mm Guide side spaces: 120 mm Depth: up to 575 mm
--------	---

STRUCTURE**PARTIAL HORIZONTAL**

Sizing	Width: up to 5500 mm Height: up to 6100 mm Min architrave height: 630 mm Max architrave height: 4050 mm *High-Lift Height (HL): 300 mm / 350 mm Guide side spaces: 120 mm Depth: Height – HL + 800 mm
	* 350 is subtracted in case h > 3400 mm, or when the door has a weight > 454 Kg. 300 is subtracted in all other cases.

SURFACE

Panels	Insulated panels H 500 mm, thickness 40 mm, with galvanized steel sheet Sendzimir, core polyurethane foam high density, self-extinguishing and without CFC. "Finger-proof" profile and class 2 wind-resistant galvanized steel hinges.
Finishing	External panel with RAL 9010 embossed white stucco finish.

SPEED**TOTAL HORIZONTAL**

Opening/closing	0.3 m/s
Type of movement	Horizontal with single guide

SPEED**VERTICALLY SLIDING**

Opening/closing	0.3 m/s
Type of movement	With total vertical sliding

SPEED**PARTIAL HORIZONTAL**

Opening/closing	0.3 m/s
Type of movement	With partial vertical sliding

SAFETY

Safety sensors

Type: Infrared sensors, ultrasonic sensors or photocell sensors.

Function: They detect the presence of obstacles along the path of opening and closing the door.

Action: The door stops or reverses automatically when obstacles are detected.

Safety edges

Type: Strips or bars positioned along the lower or side edges of the door.

Function: They detect contact with objects or people along the edges of the door.

Action: The door stops or automatically reverses on contact.

Underrun protections

Type: Flexible or rubberized material installed inside the door.

Function: Prevent objects or people from being trapped between the sections of the door when closing.

Action: Protections bend or deform to prevent injury.

Safety photocells

Type: Photocells that create an invisible beam of light along the path of the door.

Function: They detect the presence of objects or people in the vicinity of the door.

Action: The door stops or reverses automatically if the radius is interrupted.

Emergency devices

Type: Emergency stop buttons or release rods.

Function: Allows you to immediately stop the movement of the door in case of emergency or imminent danger.

Action: By activating the emergency device, the door stops instantly.

Safety brake on rope

Designed to prevent sudden door collapse in case of breakage or malfunction of the lifting cables.

Spring parachute

Devices fitted as standard to inhibit the operation of the door in the event of a spring failure.

Type of structure



Steel
Galvanized



Panels
Insulated H 500

Colors (RAL)



RAL
9010

Other colors [↗]
On request

G
Account

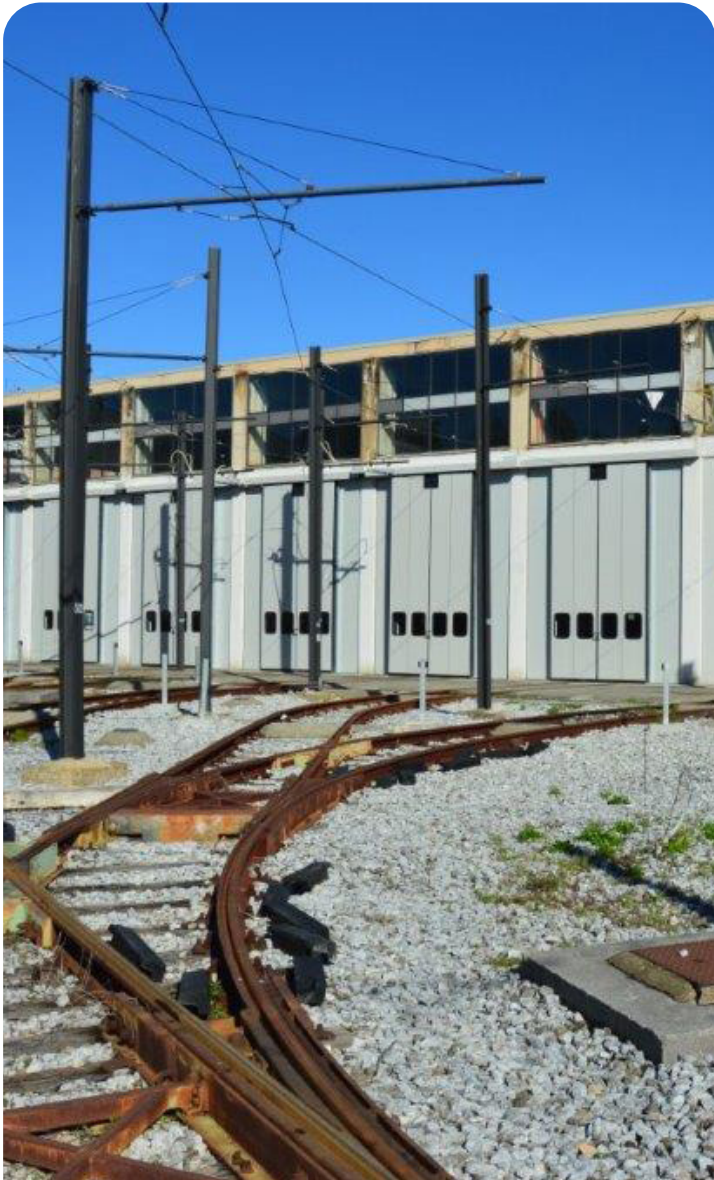
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INDUSTRIAL

Folding doors

Safety and versatility together.



A rigid, ultra insulating solution.

The GLG folding doors are built with sandwich panels in painted steel or aluminum, with an injection of CFC-free polyurethane foam to ensure even more efficient insulation.

Overview [↗](#)

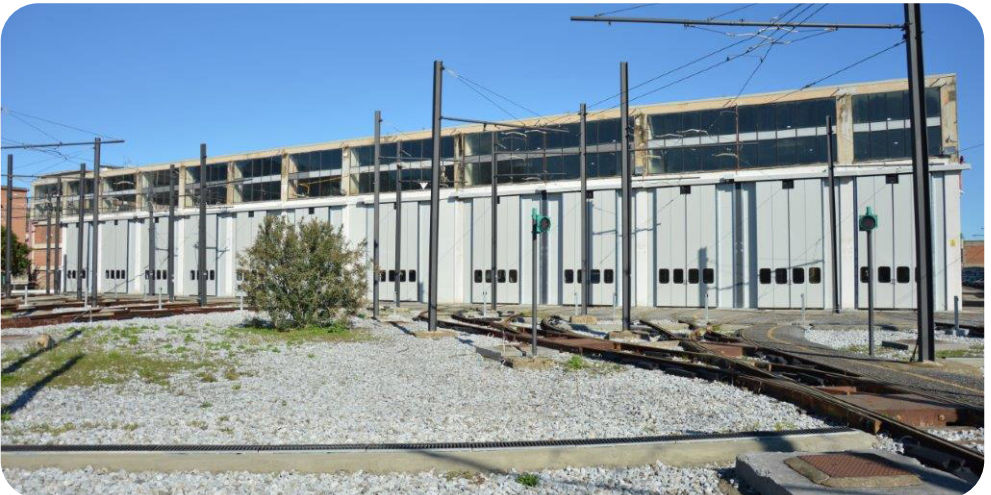


Features

- 100% safe**
- Wear-free**
- Possibility to close large spaces**
- Functionality and lightness**
- Quick assembly**
- Small footprint**
- Reduced maintenance**
- Thermal insulation**
- Sound insulation**

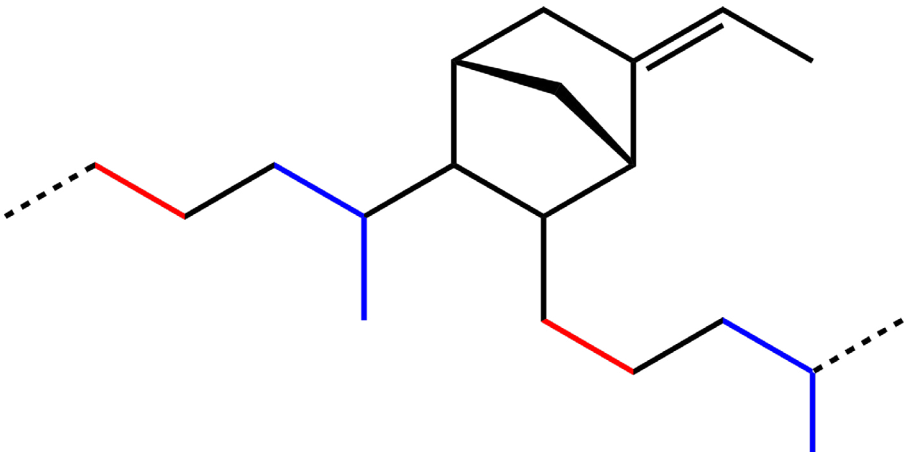
Applications

- Transportation**
- Logistics**
- Agribusiness**
- Shipyards**
- Railroads**
- Airports**



Ultra safe and lightweight

They guarantee maximum thermal and acoustic insulation, while special EPDM seals and nylon brushes on the closing profiles ensure a perfect seal.



Different possibilities of customization

Portholes, ventilation grilles and special windows, designed and customized hinges, pedestrian doors with the function of emergency exits or to facilitate frequent passage without opening the door if not strictly necessary.

For a better view

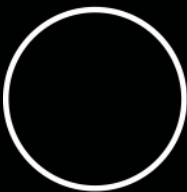
We make portholes of different shapes and sizes according to the needs of use of its industrial door.

- Square and rectangular portholes with black EPDM rubber seal with rounded corners
- Circular portholes with black EPDM rubber seal
- Square and rectangular portholes with aluminium profile at right angles



All the doors you want

The classic type for the book door without floor guide is 2+2, that is two doors that open on one side and two that open on the other. The maximum number of doors per side is 4 and you can pair all the possibilities.



An additional entrance

Pedestrian pedestrian

On request, it is possible to have a door cut with the aluminium top stop profile, equipped with a 2-point anti-panic handle (high and low), with cylinder and external handle.

The pedestrian door is a practical solution to access quickly, without where to open the entire door all the time.



Folding doors are packed according to your space requirements. This allows the closure of very large compartments with a minimal lateral footprint.



STRUCTURE

FOLDING DOOR

Sizing	Width up to 20000 mm x Height up to 6000 mm
Panels	Thickness of 52 mm, composed of internal perimeter frame in galvanized steel, insulated with injected polyurethane foam with a density of 43 kg/mc. The panels are covered with 7/10 thick pre-painted smooth sheet metal.
Top rail and side struts	Galvanized steel with a thickness of 25/10, supplied in the standard version painted black. They form a solid structure for the door, allowing easy maneuvering and ensuring high stability and tightness.
Hinges	Made of black aluminium alloy, complete with pin with anti-fall system and double thrust bearing.
Upper carriages	Three wheels in anti-noise nylon
Closing	Internal cariglioni complete with high and low closing rods with reinforced toe and slide rod with PVC protection, made of galvanized steel and painted black. Central floor closure via PVC skirting.
Seals	Anti-aging black EPDM natural rubber seals between the doors to ensure a 50 mm anti-schiacciamento space and allow a perfect closure.
Aluminium profiles	Fixed in the upper and lower part of the doors, black, with special joint for the insertion of nylon brushes to ensure a perfect closure.

STRUCTURE

SLIDING FOLDING DOOR

Sizing	Width up to 11600 mm x Height 6000 mm
Panels	Thickness of 52 mm, composed of internal perimeter frame in galvanized steel, insulated with high density polyurethane foam (43 kg/mc).
Covering	Prepainted smooth sheet, thickness 7/10.
Joint profiles	"H" profile in aluminium to join the panels in height; "C" profiles in aluminium for the upper and lower assembly of the panels.
Top rail	Made of pressed steel with wall mounting brackets and sliding bearings.
Lower guide	To be drowned on the floor, choice of various models available according to customer needs (supplied with positioning scheme).
Floor sliding	Supporting wheels with double sealed chamber bearing at the bottom of the doors.
Bottom closure	Nylon brush
Side gaskets for closing	Anti-aging black EPDM natural rubber for perfect sealing
Closing of the door	Internal racks complete with lower closing rods with reinforced toe and rod slides with PVC protection, galvanized steel and painted black.

OPENING SYSTEM

FOLDING DOOR

Manual	Door supplied without automatic opening system.
Set up	Door supplied with predisposition for the installation of an automatic opening system.
Motorized	Door supplied with automatic opening system.

OPENING SYSTEM

SLIDING FOLDING DOOR

Motorized	<p>Features of the automation:</p> <p>Operation: Automation with Present Man mode</p> <p>Motion control: The door can only be activated by pressing a wall button in the immediate vicinity of the door.</p> <p>Automation availability: Various automation options are available, which can be selected according to the door size.</p>
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MOTORISATION

FOLDING DOOR

Type	Mechanics realized with irreversible geared motors, power 300 W, with external carter. Includes telescopic arm with supports to transmit movement during opening and closing, as well as a control panel with "open-close" button. Recommended for doors with installation over light and with small/ medium openings.
------	--

MOTORISATION

SLIDING FOLDING DOOR

Mechanical drive by chain	For sliding doors with single or two opposite doors, with motor/ three-phase 380V mounted/ i on top bearing rail painted. Includes control accessory push-button open-close.
Mechanical motorization with rack	For sliding doors with single or two opposite doors, with motor/ three-phase 380V applied/ i in the wall. Recommended for doors with light installation or large openings. Includes push-button accessory open-close.

ACCESSORIES

FOLDING DOOR

Painting	Panels painted both on the outside and inside, with the possibility to choose from all the RAL colors in the GLG samples.
Additional coverings of doors	Coating options available on request, including 12/10 mm thick aluminum, 5/10 mm thick AISI 304 satin embossed stainless steel and wood-colored PVC.
Cariglione for external closure	Complete locking system with cylinder and external handle, mandatory for garage without secondary exits.
Pedestrian door without lower threshold	Pedestrian door without lower threshold, made with aluminum profile black color. Complete with panic handle, side latch, cylinder and external handle. Standard dimensions: 800/1200 mm x H 2100 mm.
Pedestrian door with lower threshold	Pedestrian door with a lower threshold of 90 mm, made with aluminum profile black color. Complete with handle, lock with key and possibility of customized dimensions (L depending on the door/ panel – H 2000/2100 mm). May include a panic bar.
Pedestrian door on broken door	Pedestrian door made on broken door, without lower crossbar. Complete with top stop profile, panic handle, high and low latch, cylinder and handle outside. Dimensions: width up to 1440 mm, height 2100 mm.
Grids with perimeter frame:	Grilles with perimeter frame, with aeration slats in pressed-bent sheet steel and painted black.
Porthole	Portholes available in different shapes (square, rectangular or circular) with black EPDM rubber perimeter seal or aluminum perimeter profile. Made of 5+5 mm thick glass (also double glazing) and available in different types such as transparent, satin and stop sol (light, bronze, gray).

Type of structure



Steel
Galvanized



Sheet metal
Prepainted smooth

Colors (RAL)



RAL
9006



RAL
9002



RAL
9010



RAL
5010



RAL
6005

max. height

G Account



max. width

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PLAN



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.
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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/m ³ .
Thermal insulation	Value of 3.7 W/m ² K
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	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. Standard External panels: Oxidized satin aluminium sp. 42 mm Interior panels: Pre-painted steel sp. 42 mm On request Interior and/or exterior: Epoxy powder coated RAL steel Transparent polycarbonate sections: UV acrylic PMMA Microperforated panels: Spiral Air Flow model
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
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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
SteelMonolamier
GalvanizedInsulated panel
GalvanizedInsulated panel
Prepainted

Colors (RAL)

RAL
9006RAL
1013RAL
9010RAL
5010RAL
6005RAL
7035RAL
8017RAL
9005Other colors ↗
On request



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FLAME-PROOF
Fire doors

Fire doors and gates for your safety.



The strengths of our fire closures

Fire doors ensure the safety of people and buildings in the event of fire, resisting flames, heat and smoke, and preventing the passage of fire between different areas of the building.



Features

Firebreak
Smokecutter
Automatic
Made of steel and tempered glass
In compliance with EN 1634-1
Insulation
Intumescent seals
Anti-smoking pads
Burglar resistant hinges

Applications

Shopping malls
Public places, such as:
theatres, museums,
stadiums...
Parking lots
Industrial garages



A rigid solution, against fires.

Fire doors ensure the safety of people and buildings in the event of fire, resisting flames, heat and smoke, and preventing the passage of fire between different areas of the building.

REI, what does that mean?

The acronym "REI" is used to indicate the European classification of fire resistance of building materials.

In the door classification, the abbreviation "REI" is followed by a number indicating the duration of the fire resistance expressed in minutes. For example, a door with the classification "REI 60" is able to withstand flames, ensuring thermal insulation and mechanical stability for at least 60 minutes.

Okay, real quick...

In summary, “REI fuoco” can be used to indicate the ability of a material, product or construction work to withstand fire and to maintain its mechanical stability and thermal insulation in case of fire.



REI 60

A REI 60 rating indicates that the material can withstand flames, ensuring thermal insulation and mechanical stability for at least 60 minutes.

REI 90

A REI 90 rating indicates that the material can withstand flames, ensuring thermal insulation and mechanical stability for at least 90 minutes.

REI 120

A REI 120 rating indicates that the material can withstand flames, ensuring thermal insulation and mechanical stability for at least 120 minutes.

STRUCTURE

FIRE DOOR

Sizing	One-leaf: Width up to 1340 mm x Height 2670 mm Double-leaf: Width up to 2540 mm x Height 2670 mm
Leaf door	Particularly robust door leaf consisting of two walls in hot-dip galvanized sheet steel, pressed and spot welded.
Insulation	Sheet metal and insulating bundle are rigidly joined, and the insulation is made with treated mineral wool.
Reinforcement and clamping plates	Reinforcements and plates are provided inside the door for mounting closers and panic bars.
Thickness	Available in 60 mm thickness
Frame	Material: Sturdy frame in thick galvanized sheet steel. Gaskets: Seats for thermoexpanding seal and rebate seal. Zanche: Supplied with zanche to be assembled on site. Thermoexpanding seals: Mounted on the perimeter profile of the frame, including the vertical profile if doors with 2 doors.
Hinges and Lock	Hinges: Two three-wing hinges, one bearing with thrust balls and screws for vertical adjustment of the door, and one equipped with spring for self-closing. Safety bolts: One or two security bolts applied on the hinge side. Lock: Reversible lock with latch and central bolt and European cylinder.

STRUCTURE

FIRE-RATED GATE

Sizing	Width up to 5400 mm x Height up to 5000 mm
Leaf door	Made of continuous modules of honeycomb panels in steel plate insulated with insulating materials (the thickness varies depending on the degree of fire protection).
Leaf door thickness	80 mm for EI 120, 120 mm for EI 180
Assembly	Screws on prepared horizontal tubes
Finishing	Base coat: Applied with curing in the oven at a temperature of 160 °C Painting: Suitable for interior door use

OTHER

FIRE DOOR

Handle and Paint job	Handle: Black plastic fire door handle with steel core, complete with plates. Painting: Epoxy polyester powder coating for interior, semi-gloss scratch-resistant embossed finish, in the standard white color RAL 9010. Paint suitable for indoor use.
Other accessories	Panic bars Door closer Closing regulators Access control system via electric lock Electrohandles Door Lock Door Electromagnet Fire resistant porthole

FUNCTIONING

FIRE-RATED GATE

Sliding fire door with thermal fuse	Opening and closing mode: The operator manually opens and closes the door Thermal fuse: Subjected to temperatures above 70 °C, snaps causing the release of the rope Counterweight: Drag the door to the lock Stroke brake: Prevents acceleration of the door when closing Shock absorber: Cushions the impact of the door closure [...]
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[...] Sliding fire door equipped with electromagnet

Opening and closing mode: The counterweight continuously charges the door that normally remains open, held by the electromagnet

Disconnection: The electromagnet is deactivated by the ECU pulse or by pressing the disconnect button

Counterweight: Closes the door when the electromagnet is switched off

Stroke brake: Prevents acceleration of the door when closing

End of stroke shock absorber: Cushions the impact of the door closing

Electrical connection: The electromagnet requires a connection to a power supply unit and its external smoke and heat detectors

OTHER

FIRE-RATED GATE

Sliding guides Horizontal slide made of pressed and pre-drilled steel sheet for fixing with dowels.

Flow characteristics Sliding on low friction trolleys

Sliding guide to the floor Ensures the perpendicularity of the door leaf

Coverage of the upper rail Motor cover in pressed steel sheet

"Labirinti" Made of pressed steel sheet

Inflatable trimming Applied on all labyrinths and under the door

Closing counterweight Adjustable and protected by a housing in pressed steel sheet, with counter-rebate

Handles Flush mounting on both sides

Label Applied directly on the handle

Type of structure



Steel

Galvanized



Steel

Pre-painted



Panels

Insulated with fireproof insulating material

Colors (RAL)



RAL
9010



RAL
3000



RAL
5012



RAL
7035

Other colors [↗]
On request



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PVC WAREHOUSES
AutoGO

Self-supporting movable tunnel



A self-supporting, fixed or temporary solution.

AutoGO is an extremely versatile product. It can in fact be disassembled and reassembled elsewhere, creating or freeing precious space to the company.



Features

Independent structure
Realization in 30-60 days
Free from IMU
Simplified regulations for warehouses
Masonry works reduced to a minimum
Resistant to snow loads and wind pushes
Wide coverage (up to 30m wide)
Large heights (up to 12m)
Unlimited depth
Creation of temporary or fixed covered warehouses
Maximum customization

Applications

Logistics
Warehouses
Agribusiness
Detached production departments
Storage

A structure that stands on its own

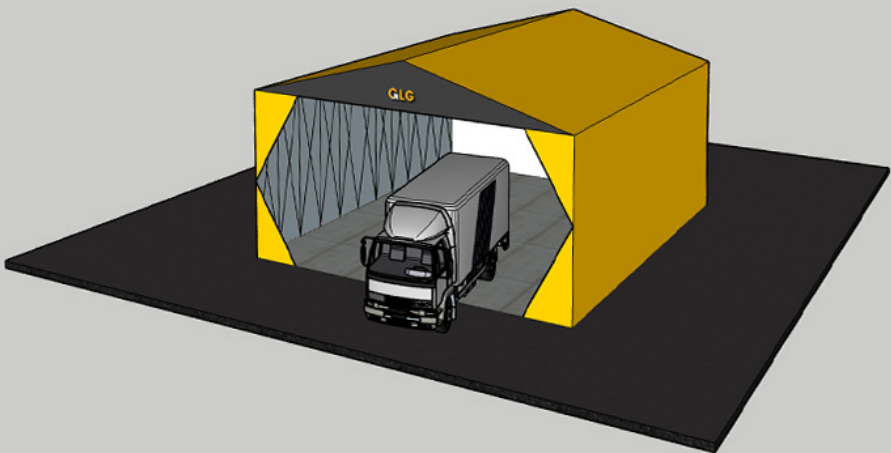
The self-supporting tunnels are the industrial roofs that are closest to the concept of the shed. Their structure stands independently on both sides and do not need to be flanked by existing buildings.



Zero bureaucracy and reduced costs

One solution for all sectors.

Thanks to its independent structure AutoGO is one of the most requested industrial PVC coverings on the market, it can be used both as a temporary PVC warehouse and as a detached production department or as a warehouse for industrial vehicles and equipment.



What about the permits?



The documentation required to be submitted to the competent authorities in order to install a mobile shed is kept to a minimum.

Zero bureaucracy and reduced costs

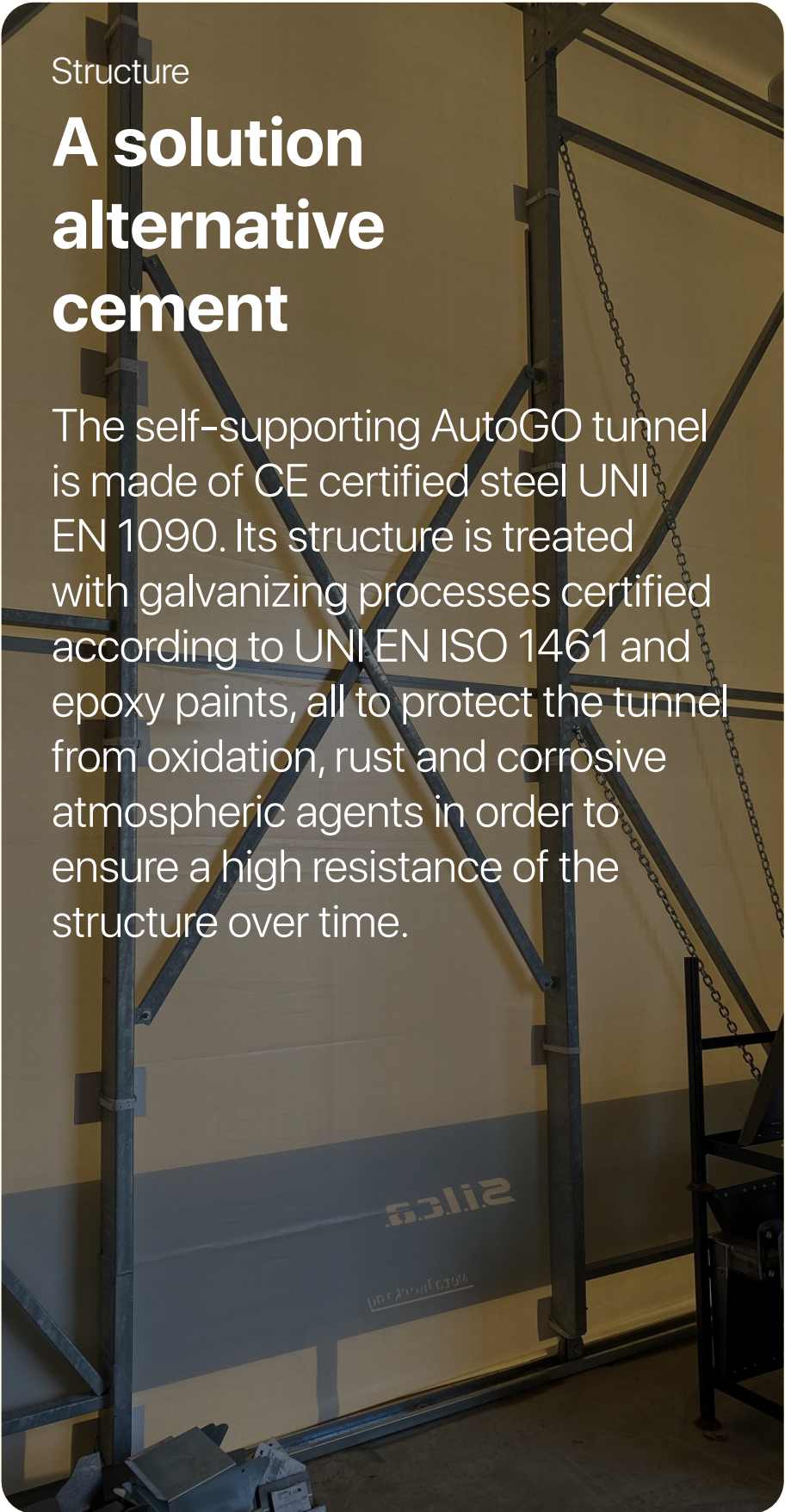
Normative OK

The drafting of the documents necessary for the construction and the simplified management of permits are what makes these industrial buildings unique. In fact, for their installation, a simple SCIA (Certified Report of Beginning of Activity) can be enough, without any type of building permit. Moreover on the plan it has total white paper in order to draw and to accessorize the self-supporting structure to second of own logistic requirements without some type of bureaucratic obstacle.

Structure

A solution alternative cement

The self-supporting AutoGO tunnel is made of CE certified steel UNI EN 1090. Its structure is treated with galvanizing processes certified according to UNI EN ISO 1461 and epoxy paints, all to protect the tunnel from oxidation, rust and corrosive atmospheric agents in order to ensure a high resistance of the structure over time.





Mobility with a capital M

In the moving versions, the ground guides allow the tunnel to be packed in a short time reducing its volume even more.

Connection points

The best strength

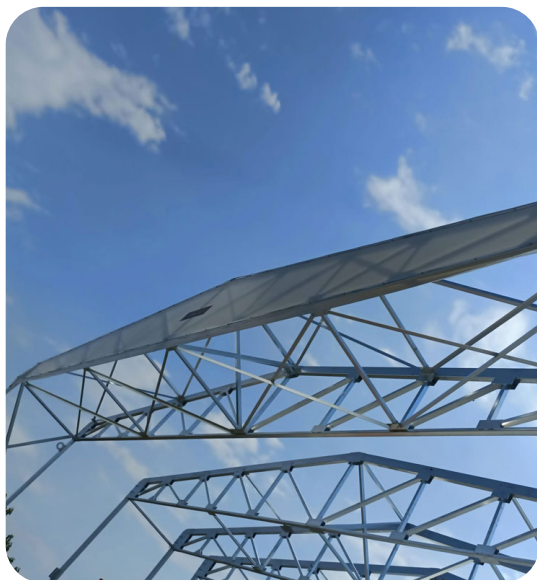
In its joints, the structure of the AutoGO halls is reinforced by ribbed metal plates that, being bolted to it, can be dismantled very quickly depending on your space requirements. The trusses, instead, are held together by pantographs to ensure the entire structure a solid and safe support, even during the tunnel handling phases.

Covering

A roof made of PVC

The steel structure of the self-supporting AutoGO tunnel is covered by a resistant polyester coated texture. The fabric is also available in different thicknesses depending on your protection and cover needs. On request, it is possible to create self-supporting insulated tunnels, replacing the PVC sheet with sandwich panels or corrugated sheet to obtain spaces and logistic structures with high thermal insulation.





The mobility of this PVC covering consists in being able to easily disassemble its structure to reposition it where there is a need to quickly build a new temporary covered warehouse.

Stable and safe products

Long-lasting

The self-supporting movable tunnel AutoGO is able to withstand any atmospheric phenomenon, regardless of where it is installed. Whether it is a mountainous location, a territory subject to frequent seismic stress, an area where strong winds lift the corrosive air of the sea, the AutoGO tensile structure is the ideal solution to quickly build safe storage areas.

For farms

Arc version?

AutoGO Green is the self-supporting movable tunnel designed specifically for all those farms that need to cover quickly and with little expense areas for the storage of hay, cereals and agricultural equipment.



STRUCTURE

AutoGO – Self-supporting movable tunnel

Sizing	Width up to 30000 mm x Height up to 10000 mm Infinite depth
Supporting structure	Material: Hot dip galvanized steel Profiles: Suitably sized to guarantee strength and stability Joints: Ribbed plates welded to UNI standard Hardware: Suitable and certified for a solid connection
Sliding mechanism	Truss-steel: Slide on the base of the uprights Wheels: Special solid steel wheels with double ball bearing and watertight Crankcase: Completely conceals the wheels, preventing injuries and damage during sliding
Craneways	Material: 40/10 thickness pressed steel sheet Fixing Options: External fixing with anchors on cement bottom or drowned flush with the floor in a concrete casting Angle Anti-cracking: Predisposition for the use of angle anti-cracking
Upwind elements	Central Uprights: Connected by mobile wind elements made with crossed steel profiles and pantograph type system Sliding Devices: Ensure a smooth and controlled movement of the upwind elements

STRUCTURE

AutoGO Green – Agricultural tunnel

Sizing	Width up to 15000 mm x Height up to 6000 mm Infinite depth
Type	Single arch in galvanized square tube in Sendzimir Arch: Square tube 100×100. Currents: "C" 40×20×10×2. Counterwinds: Plate 30×5. Main Picket (length 2m): Tube Ø2"½. Secondary picket (first and last three arches): Tube Ø1".
Assembly	Joint through special joints without visible welds
Anchoring to the ground	Options of anchoring: Picket line Concrete plate

COVERING

AutoGO – Self-supporting movable tunnel

Surface	PVC double coating 750 gr/sqm with fire retardant treatment in class II (also available in class I)
Anchor	Thermowelded plates with aeronautical velcro for a perfect adherence to the structure
"Frontespizi"	Triangular sectors in bispalmate PVC polyester fabric

COVERING

AutoGO Green – Agricultural tunnel

Material	Standard High resistance woven polyester, bispalmate in PVC 750 gr/sqm, Self-extinguishing Class 2. On request 900 gr/sqm
Temperature range that can be used	-30°C to +70°C
Tensile strength	About 280 DaN/5 cm
Tear resistance	About 32 DaN

OTHER

AutoGO – Self-supporting movable tunnel

Sliding curtains

Applicable on the fronts of the structure, with vertical windproof tubes, floor fixing bolts, metal locking bars and special tensioning systems.

High speed doors

Installation of fast automatic doors to facilitate frequent entry/exit transit.

Emergency exits for pedestrians

Equipped with panic bars to ensure adequate escape routes

OTHER

AutoGO Green – Agricultural tunnel

Accessories

Tympanum
Sliding headboards with door
Fixed headboards
Headboards with sectional doors

Applications

Windows
"Column jumper"
Side door

Type of structure



Steel
Galvanized

Wall covering colours (RAL)

AutoGO – Self-supporting movable tunnel



RAL 9010 RAL 7035

Roof covering colours (RAL)

AutoGO – Self-supporting movable tunnel



RAL 9010 RAL 1015 RAL 1003 RAL 2004 RAL 3002 RAL 5002



RAL 5010 RAL 6005 RAL 6026 RAL 7037 RAL 9005 Other colors [↗]
On request

Color covering (RAL)

AutoGO Green – Agricultural tunnel



RAL 6005 RAL 6026 Other colors [↗]
On request



The image shows a technical drawing of a door assembly. It includes a side elevation and a plan view. The side elevation shows a door with a handle and a lock, with dimensions for transparent view, door height, and door width. The plan view shows the door's footprint with dimensions for door width, door height, and door depth. A person wearing a hard hat and safety vest is standing next to the door, holding a tablet. The word 'Account' is written in large black letters, with a yellow 'G' logo above it. The text 'Log in to download the .dwg' is written below the 'Account' text. The word 'PLAN' is written in yellow at the bottom of the drawing.

Account

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INDUSTRIAL SHED
CapGO

Panelling from 40mm thickness



A hard cover, to expand your building.

CapGO is the sandwich panel industrial shed par excellence. It's the equivalent of a traditional cement shed but with much shorter lead times.



Features

Realization in 30-60 days
Economical compared to reinforced concrete sheds
Masonry works reduced to a minimum
Maximum mechanical resistance to external stresses
Structural flexibility
Compliance with the anti-seismic standards
Fire resistance and structural stability
High levels of thermal insulation
Guaranteed sound insulation
Maximum customization

Features

Offices
Logistics
Goods storage
Separate production areas
Storage

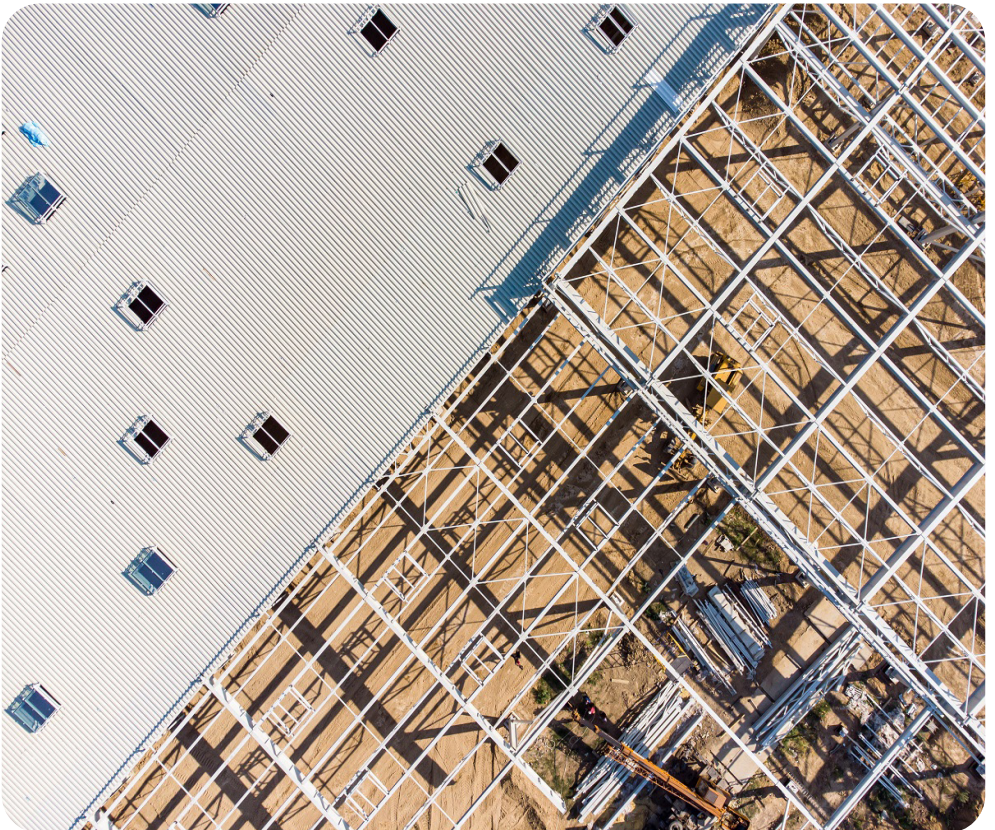
How it's made a CapGO?

The GLG branded industrial shed features a hot-dip galvanized steel structure. The structure is covered with sandwich panels made by the union of two sheets interposed by a layer of highly insulating material.



A product for all contexts.

The sandwich panel cladding ensures a high degree of thermoacoustic insulation that allows the structure of these buildings not only to be the ideal place for production and storage areas, but also an alternative solution to create new areas for office use.



Sandwich panels, let's get down to details.

Double sheet steel

The sandwich panels are made of double sheet galvanized steel pre-painted with polyurethane resins. The thickness of the panels is 40 mm. Inside the panels there is a layer of self-extinguishing polyurethane foam in class B2. The gaskets and joints, positioned at the ends of the panel, allow the interlocking modularity of the various elements ensuring a better laying.

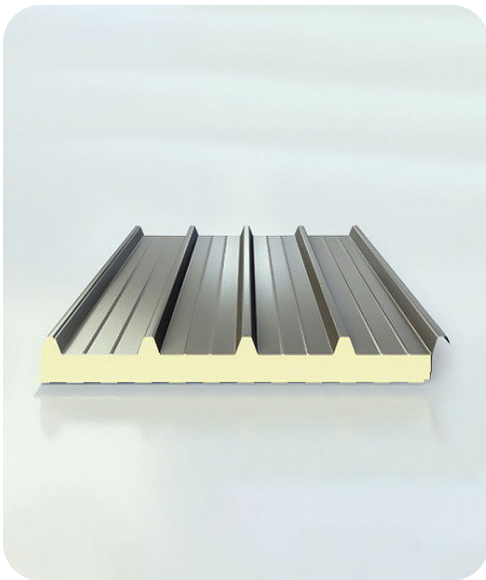


Cost-effectiveness

Stop the concrete!

One of the most appreciated features of the CapGO hall with sandwich panel cladding is that it is much cheaper than traditional reinforced concrete buildings. The cost of iron is significantly lower than that of cement and over hundreds of meters the price difference is considerable. These panelled industrial sheds also allow to solve any problem of coverage and logistic need in a very short time (just think that in less than 60 days you can already use the working spaces of the new structure), all this, with a much reduced cost.





Energy saving

Insulated panels reduce the energy expenditure of the building and eliminate external noise. For this reason, CapGO sheds can also be used to set up independent offices and work areas.

The maximum of insulation

Indoor/outdoor

The sandwich panels act as a screen between inside and outside, reducing the thermoacoustic flow both in and out. Each sandwich panel can have different thicknesses, depending on the degree of insulation you want to achieve. In addition, our panels are available in different colors and finishes depending on the aesthetic and design needs that you want to give to your building.

Assemble/disassemble

Structural flexibility

Steel is a particularly ductile material that allows to move, expand and divide into several parts a structure in record time. Therefore, during the design phase it is possible to ask our engineers for various modifications and interventions without any impediments of any kind. There is also a huge advantage to the disposal issue: In fact, disposing of an industrial concrete building requires a large economic outlay, while dismantling a metal structure is much less expensive.

STRUCTURE

Sizing Width 30000 mm x Height 10000 mm
Infinite depth

Type and material Load-bearing structure in welded and bolted prefabricated metal structure protected by hot galvanization.

COVERING

Wall panels Perimeter infill in sandwich panels consisting of external galvanized sheets and an internal layer of internal polyurethane foam (PUR) insulation.

Cover panel Cover layer in sandwich panels consisting of two external galvanized sheets and an internal layer of insulation in polyurethane foam (PUR).

Plumbing Rainwater drainage system:
Canali di raccolta dell'Acqua piovana e relative tubature per lo smaltimento
Material: Insulated or pre-painted corrugated sheet

This system includes canals specially designed to collect rainwater and associated pipes for disposal. The channels and pipes are made of insulated or pre-painted trapezoidal sheet, which guarantees resistance and protection from oxidation. The rainwater drainage system is an integral part of the structure and helps maintain the safety and integrity of the building.

Windows Skylights for natural lighting:
Tipo: Skylight for pitched roof
Material: Translucent polycarbonate
Placement: Both on the roof and walls

The roof includes pitched skylights that allow natural light into the building. These skylights are made of translucent polycarbonate, a material that offers good light diffusion and weather resistance. Skylights can be placed on both the roof and walls to maximize natural lighting and improve the building's energy efficiency.

Structure material in prefabricated metal carpentry



Steel

Hot-dipped galvanized

Colors (RAL)



RAL
9010



RAL
1015



RAL
1003



RAL
7037



RAL
3002



RAL
5010



RAL
6005



RAL
6026

Other colors ↗
On request

G Account

Log in to
download the .dwg

PLAN

Dimensions shown in drawing:
D. upright, W. upright, L. doorway, L. transparent view, H. doorway, H. transparent view, H. ke, H. control, H. case, W. total, W. console, D. console, H. case



PVC WAREHOUSES
FrontGO

Front movable tunnels



FrontGO, front of the building.

FrontGO is an innovative and efficient front tunnel that allows to significantly expand the usable area in front of an existing building, offering an optimal spatial expansion to improve loading and unloading operations.



Features

Structure close to the existing building
Realization in 30-60 days
Free from IMU
Simplified regulations for warehouses
Masonry works reduced to a minimum
Resistant to snow loads and wind pushes
Up to 30m wide
Heights up to 6m
Creation of temporary or fixed covered warehouses
Maximum customization

Applications

Logistics
Warehouses
Agribusiness
Production departments dedicated to special processes

A structure that does not interfere

The front coverings, in addition to these advantages, allow others on a practical level: they respond to the need to expand the space without large footprints or obstruction of existing access. Thanks to its structure in hot galvanized steel FrontGO is one of the most requested industrial roofing on the market, in fact it can be used both as a prolonged warehouse and as an additional production department.

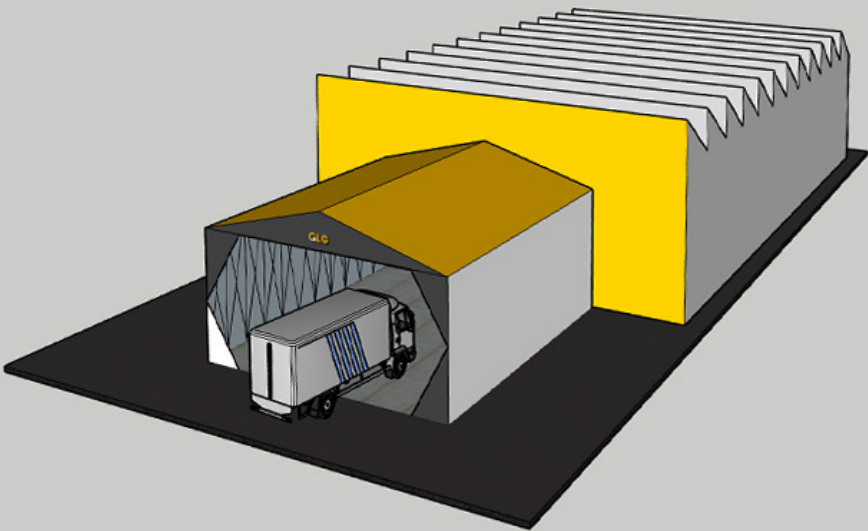
What about the permits?

Near-zero

The documentation required to be submitted to the competent authorities in order to install a mobile shed is kept to a minimum.

Normative OK

The drafting of the documents necessary for the construction and the simplified management of permits are what makes these industrial buildings unique. In fact, for their installation, a simple SCIA (Certified Report of Beginning of Activity) can be enough, without any type of building permit. Moreover on the plan it has total white paper in order to draw and to accessorize the structure according to own logistic requirements without some type of bureaucratic obstacle.



Structure

A solution alternative cement

The FrontGO front tunnel is made of CE certified steel UNI EN 1090. Its structure is treated with galvanizing processes certified according to UNI EN ISO 1461 and epoxy paints, all to protect the tunnel from oxidation, rust and corrosive atmospheric agents in order to ensure a high resistance of the structure over time.



On wheels with ground guide

The FrontGO front movable tunnels are foldable for at least 50% of the depth up to a maximum of 70%.

Connection points

Robustness guaranteed!

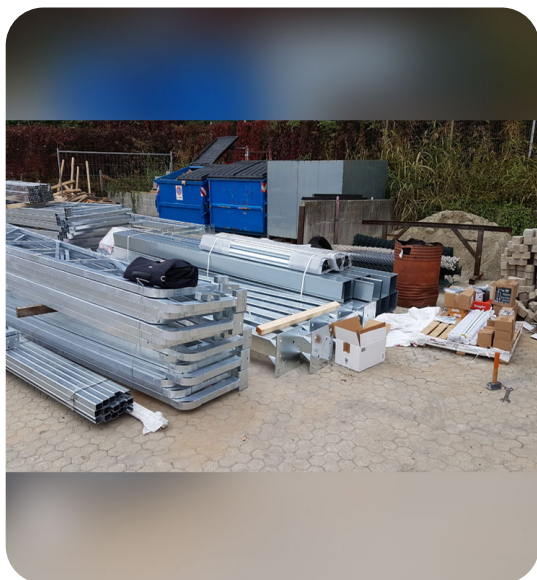
In its joints, the structure of the FrontGO front movable tunnel is reinforced by ribbed metal plates that, being bolted to it, can be dismantled very quickly depending on your space requirements. The trusses, instead, are held together by pantographs to ensure the entire structure a solid and safe support, even during the tunnel handling phases.

Covering

A roof made of PVC

The steel structure of the FrontGO front movable tunnel is covered by a resistant polyester coated texture. The fabric is also available in different thicknesses depending on your protection and cover needs. On request, it is possible to create insulated front tunnels, replacing the PVC sheet with sandwich panels or corrugated sheet to obtain spaces and logistic structures with high thermal insulation.





The mobility of this PVC warehouse consists in being able to easily disassemble its structure to reposition it where there is a need to quickly build a new temporary covered warehouse.

Create temporary frontal warehouses.

Movement versatile

The front movable tunnel not only allows you to build stores in front of your building when space is scarce, but allows you to create temporary spaces to meet the logistical needs of a specific moment within your company. All this is made possible by the movement of wheels on ground guides that allow the structure to pack quickly.

Stable and safe products

Long-lasting

The FrontGO front movable tunnel can withstand any atmospheric phenomenon, regardless of where it is installed. Whether it is a mountainous location, a territory subject to frequent seismic stress, an area where the strong winds lift the corrosive air of the sea, the PVC front mobile tunnel is the ideal solution to quickly build safe storage areas.

Resistant to:

**Earthquakes,
snow and
hail.**

STRUCTURE

Sizing	Width up to 30000 mm x Height up to 10000 mm Infinite depth
Not load-bearing	Material: Hot dip galvanized steel Profiles: Suitably sized to guarantee strength and stability Joints: Ribbed plates welded to UNI standard Hardware: Suitable and certified for a solid connection
Sliding mechanism	Truss-steel: Slide on the base of the uprights Wheels: Special solid steel wheels with double ball bearing and watertight Crankcase: Completely conceals the wheels, preventing injuries and damage during sliding
Craneways	Material: 40/10 thickness pressed steel sheet Fixing Options: External fixing with anchors on cement bottom or drowned flush with the floor in a concrete casting Angle Anti-cracking: Predisposition for the use of angle anti-cracking
Upwind elements	Central Uprights: Connected by mobile wind elements made with crossed steel profiles and pantograph type system Sliding Devices: Ensure a smooth and controlled movement of the upwind elements

COVERING

Surface	PVC double coating 750 gr/sqm with fire retardant treatment in class II (also available in class I)
Anchor	Thermowelded plates with aeronautical velcro for a perfect adherence to the structure
"Frontespizi"	Triangular sectors in bispalmate PVC polyester fabric

OTHER

Sliding curtains	Applicable on the fronts of the structure, with vertical windproof tubes, floor fixing bolts, metal locking bars and special tensioning systems.
High speed doors	Installation of fast automatic doors to facilitate frequent entry/exit transit.
Emergency exits for pedestrians	Equipped with panic bars to ensure adequate escape routes



PVC WAREHOUSE
SideGO

Side movable tunnel



A solution, to protect laterally.

SideGO is the innovative side tunnel that, by extending the existing covered spaces, allows a significant expansion of the entire industrial complex, ensuring greater consistency and strength.



Features

Structure positioned laterally to the building
Realization in 30-60 days
Free from IMU
Simplified regulations for warehouses
Masonry works reduced to a minimum
Resistant to snow loads and wind pushes
Up to 20m wide
Heights up to 6m
Creation of temporary or fixed covered warehouses
Maximum customization

Applications

Logistics
Warehouses
Agribusiness
Goods storage
Storage equipment

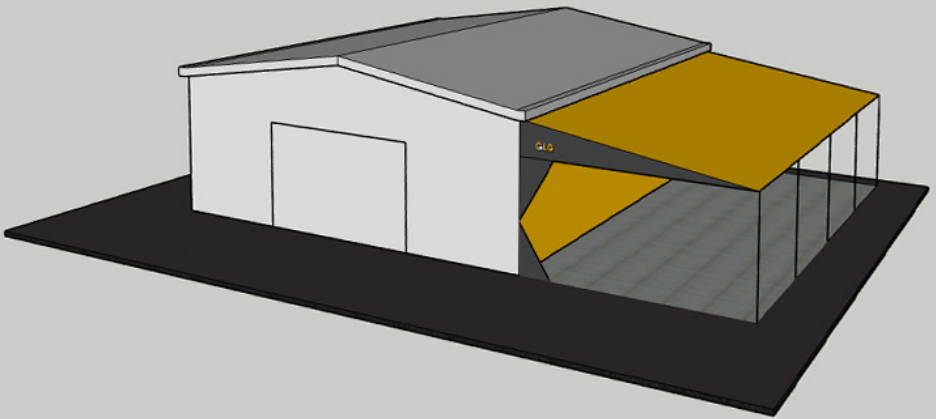
Widen sideways, in a short time.

Very often a movable tunnel can replace an entire building. At other times, it can simply widen by joining it. SideGO allows you to create additional covered space in less than 60 days and with minimal economic effort.



One solution for all sectors.

Thanks to its structure in hot galvanized steel SideGO is one of the most requested industrial roofing on the market, in fact it can be used both as a side warehouse and as storage equipment for a more organized space management.



What about the permits?

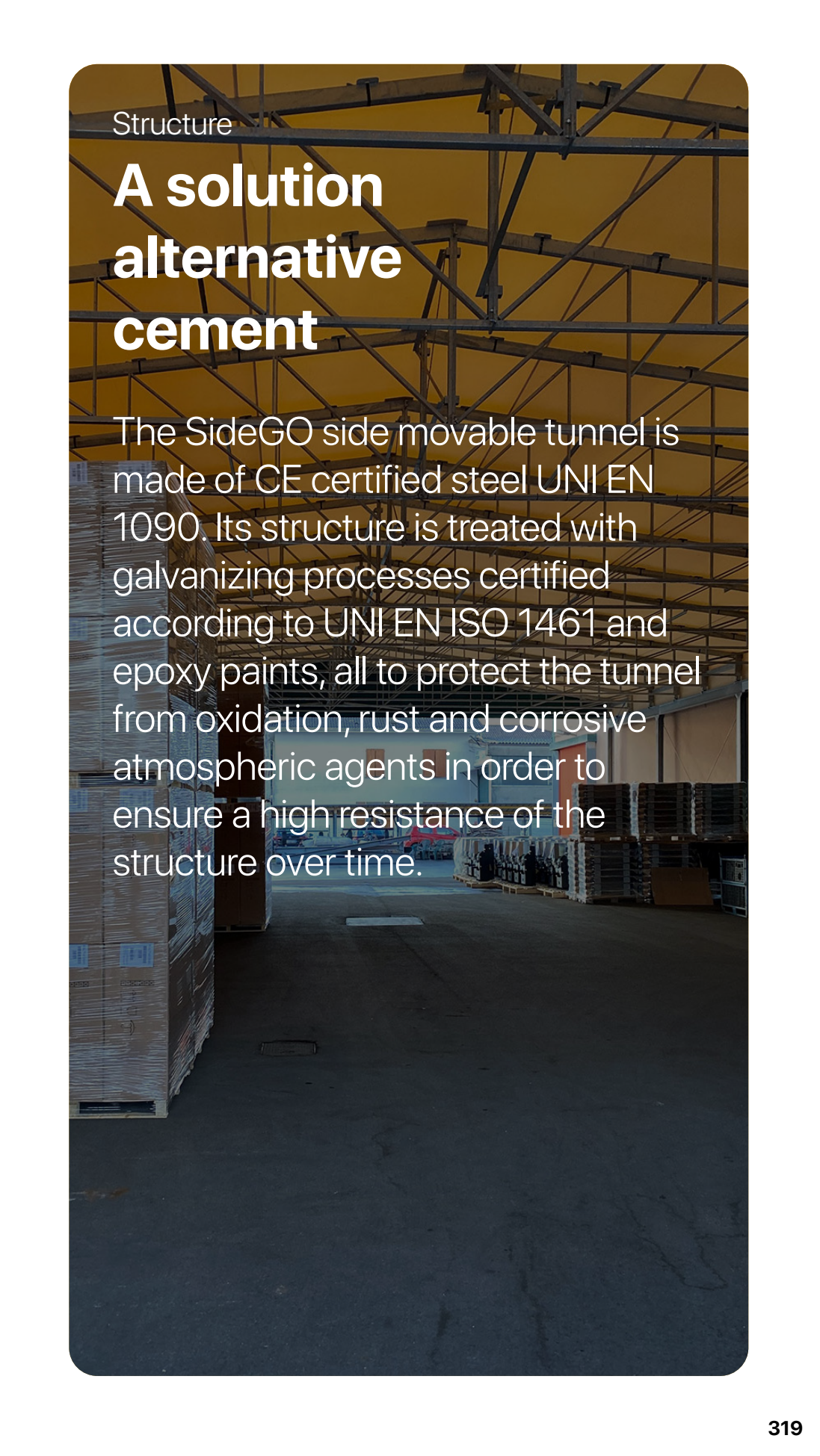


The documentation required to be submitted to the competent authorities in order to install a mobile shed is kept to a minimum.

Zero bureaucracy

Normative OK

The drafting of the documents necessary for the construction and the simplified management of permits are what makes these industrial buildings unique. In fact, for their installation, a simple SCIA (Certified Report of Beginning of Activity) can be enough, without any type of building permit. Moreover on the plan it has total white paper in order to draw and to accessorize the self-supporting structure to second of own logistic requirements without some type of bureaucratic obstacle.



Structure

A solution alternative cement

The SideGO side movable tunnel is made of CE certified steel UNI EN 1090. Its structure is treated with galvanizing processes certified according to UNI EN ISO 1461 and epoxy paints, all to protect the tunnel from oxidation, rust and corrosive atmospheric agents in order to ensure a high resistance of the structure over time.

Connection points

Robustness guaranteed!

In its joints, the SideGO building structure is reinforced by ribbed metal plates which, being bolted to it, can be dismantled very quickly according to your space requirements. The trusses, however, are held together by pantographs to ensure the entire structure a solid and safe support.



Covering

A roof made of PVC

The steel structure of the SideGO side movable tunnel is covered by a durable coated polyester weave. The fabric is also available in different thicknesses depending on your protection and cover needs. On request, it is possible to create self-supporting insulated tunnels, replacing the PVC sheet with sandwich panels or corrugated sheet to obtain spaces and logistic structures with high thermal insulation.





The mobility of this PVC covering consists in being able to easily disassemble its structure to reposition it where there is a need to quickly build a new temporary covered warehouse.

Create temporary PVC warehouses.

Movement versatile

The side movable tunnel not only allows you to build warehouses in front of your building when space is scarce, but allows you to create temporary spaces to meet the logistical needs of a specific moment within your company. All this is made possible by the movement of wheels on ground guides that allow the structure to pack quickly.

SideGO and its variants

Arc version?

GLG offers two side movable tunnel that perfectly match any type of industrial building.



STRUCTURE

Sizing	Width up to 30000 mm x Height up to 10000 mm Infinite depth
Not load-bearing	Material: Hot dip galvanized steel Profiles: Suitably sized to guarantee strength and stability Joints: Ribbed plates welded to UNI standard Hardware: Suitable and certified for a solid connection
Sliding mechanism	Truss-steel: Slide on the base of the uprights Wheels: Special solid steel wheels with double ball bearing and watertight Crankcase: Completely conceals the wheels, preventing injuries and damage during sliding
Craneways	Material: 40/10 thickness pressed steel sheet Fixing Options: External fixing with anchors on cement bottom or drowned flush with the floor in a concrete casting Angle Anti-cracking: Predisposition for the use of angle anti-cracking
Upwind elements	Central Uprights: Connected by mobile wind elements made with crossed steel profiles and pantograph type system Sliding Devices: Ensure a smooth and controlled movement of the upwind elements

COVERING

Surface	PVC double coating 750 gr/sqm with fire retardant treatment in class II (also available in class I)
Anchor	Thermowelded plates with aeronautical velcro for a perfect adherence to the structure
"Frontespizi"	Triangular sectors in bispalmate PVC polyester fabric

OTHER

Sliding curtains	Applicable on the fronts of the structure, with vertical windproof tubes, floor fixing bolts, metal locking bars and special tensioning systems.
High speed doors	Installation of fast automatic doors to facilitate frequent entry/exit transit.
Emergency exits for pedestrians	Equipped with panic bars to ensure adequate escape routes



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