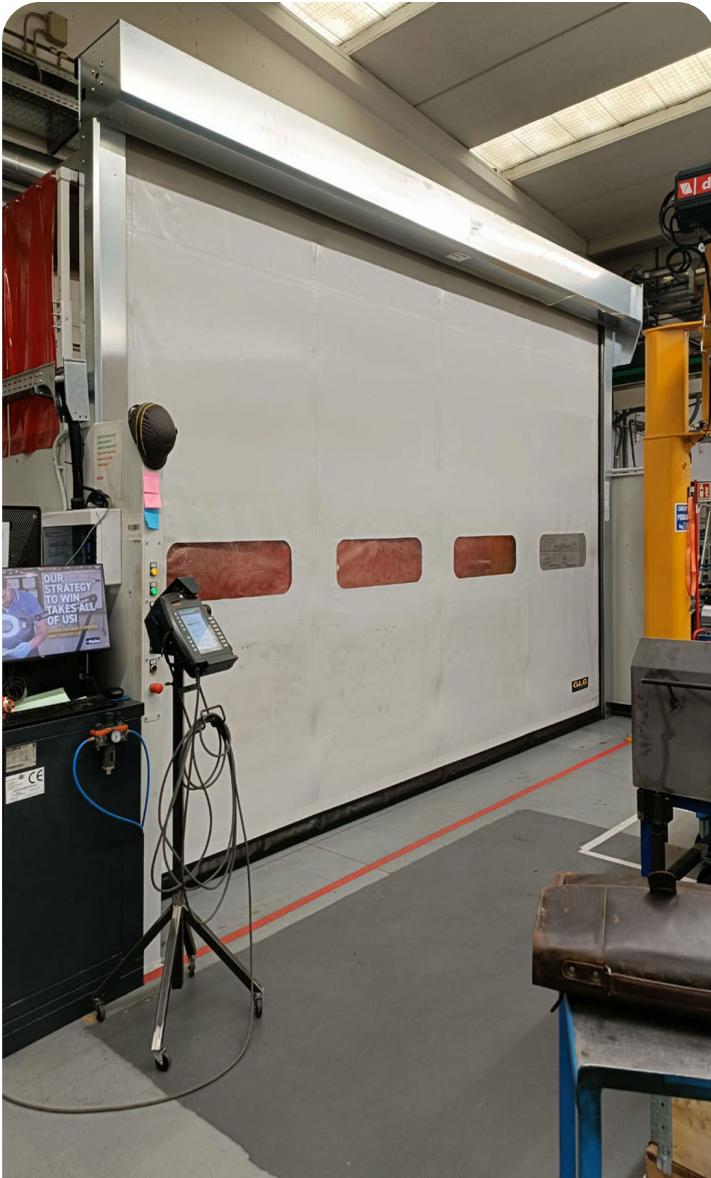




RAPID DOOR

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

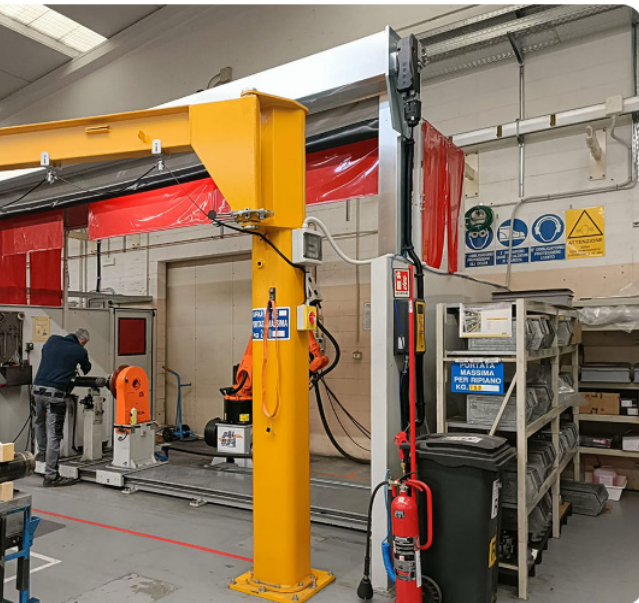
Used mainly to

**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.



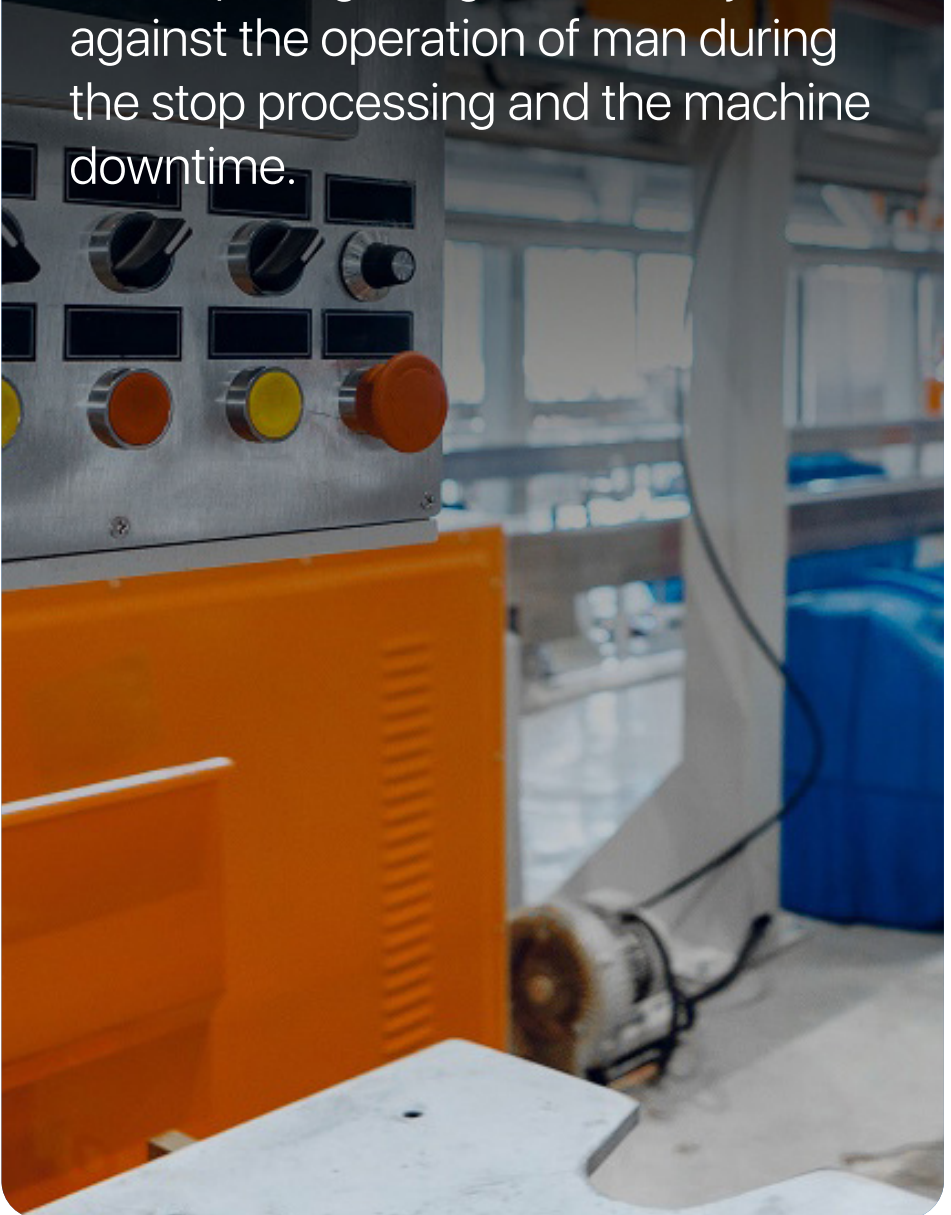
What the legislation says

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.



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
Features	Equipped with a safety proximity sensor, category 4 FEIG control panel with expansion board 6 programmable relays for PLC port interface
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
-------------------------	-------------------

MECHANICAL AND ELECTRONIC

Control panel	Standard FEIG panel in painted steel, IP54 (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 230V AC single phase On request Power supply 1 HP, 230V max 16A Power supply 3 HP, 230V max 16A Power supply 3 HP, 400V max 10A
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/m ² K
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.

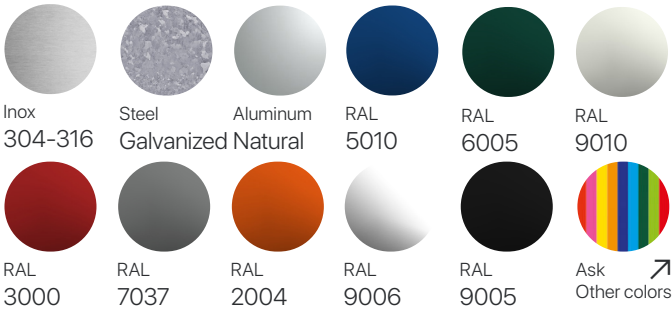
Operating temperature > -30 C° not suitable for positive/negative temperatures [...]

[...] SAFETY

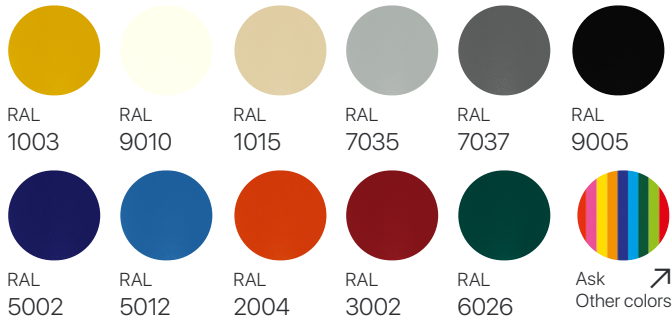
Components	Standard
	Multi-beam barrier H 2500 IP67
	On request
	IP65 Wireless Security Resistive Coat

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

Types and colors structure (RAL)



Colors PVC fabric (RAL)



Account

Login to your account for download the .dwg

Dimensions shown in the diagram:

- Max. Height
- Clear opening
- Max. Width
- Total size
- Clear opening
- 480
- 350
- 143
- 800
- 135

A silhouette of a worker in a hard hat and safety vest is shown on the right side of the diagram.



Enter the GLG world

Account

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

www.glgdoors.com

