



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

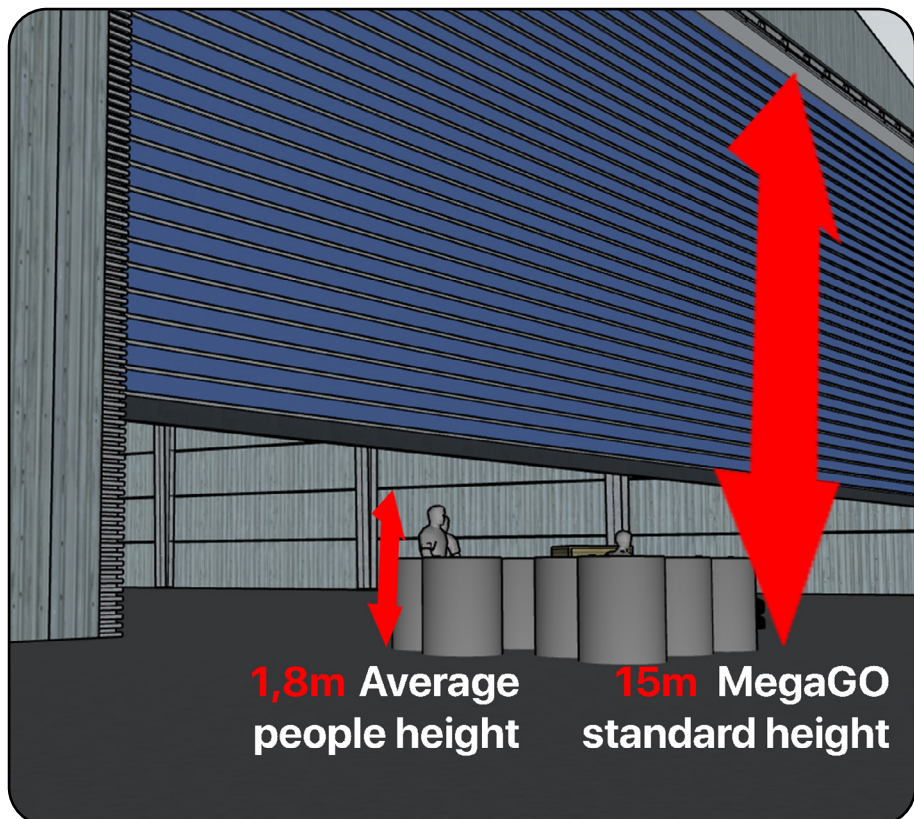
The MegaGO door is specially developed by expert technicians for every construction site where it is necessary to keep large passage compartments of the building, without ever precluding the possibility of closing the compartment like a real blocking wall.

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.
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Beam and uprights	Not self-supporting, truss in stainless steel + aluminium or stainless steel AISI 316L
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Depth	300 – 400 mm
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Motor cover	Absent, motor positioned inside the structure
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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
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Windows	Standard Crystal window 1200 300 mm On request Translucent sector 35/40%
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Hoisting ropes	High Tenacity Polyester Fiber Internal Lifting Belts at Constant Pitch, 2x Safety Belts with 1.5t Strength
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SPEED

Opening up to 0.4 m/s	Closure 0.3 m/s
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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
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Components and features	Power transmitters (50 Hz) Auxiliary power supply 24 Vac
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Main supply	2x Power supply 3 HP, three-phase 400V
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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

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