



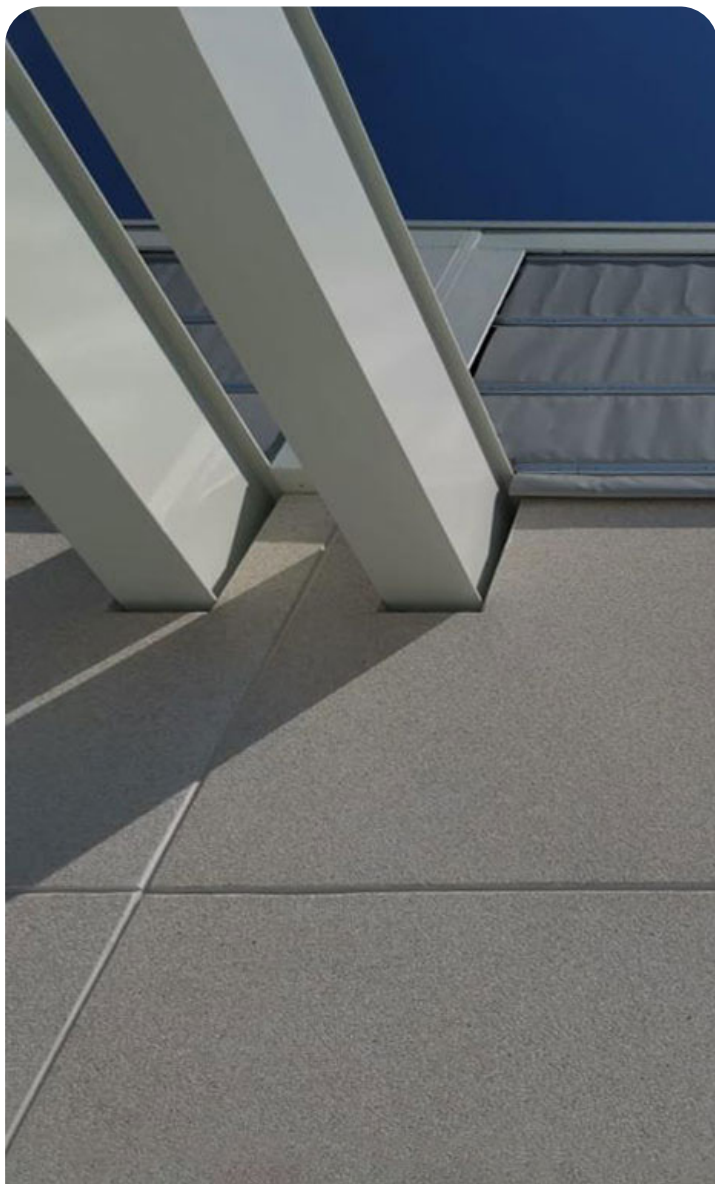
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RAPID DOOR

# VertiGO **CRANE**

**High speed fabric overhead door**

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# 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

Overview ↗



# 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**

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Used mainly to

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

Recommended  
for

**Material handling**  
**Small shipyards**  
**Composting**

[Discover other fields ↗](#)

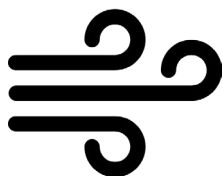


# So, who's it meant for?

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 <sup>2</sup>
	Su richiesta
	2x insulated fabric PVC 1350 gr/m <sup>2</sup>
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
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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.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. [...]




[...] SAFETY

Components	IP65 Safety Resistive Rib
Emergency opening	Mechanical


Types and colors structure (RAL)




Steel




Stainless




RAL 5010




RAL 6005




RAL 9010




RAL 3000




RAL 7037




RAL 2004



RAL 9006




RAL 9005




Ask  
Other colors ↗


Colors PVC fabric (RAL)



RAL 5010



RAL 1003



RAL 7035

Other colors ↗  
On request



Clear opening

200

400

400

Total size

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