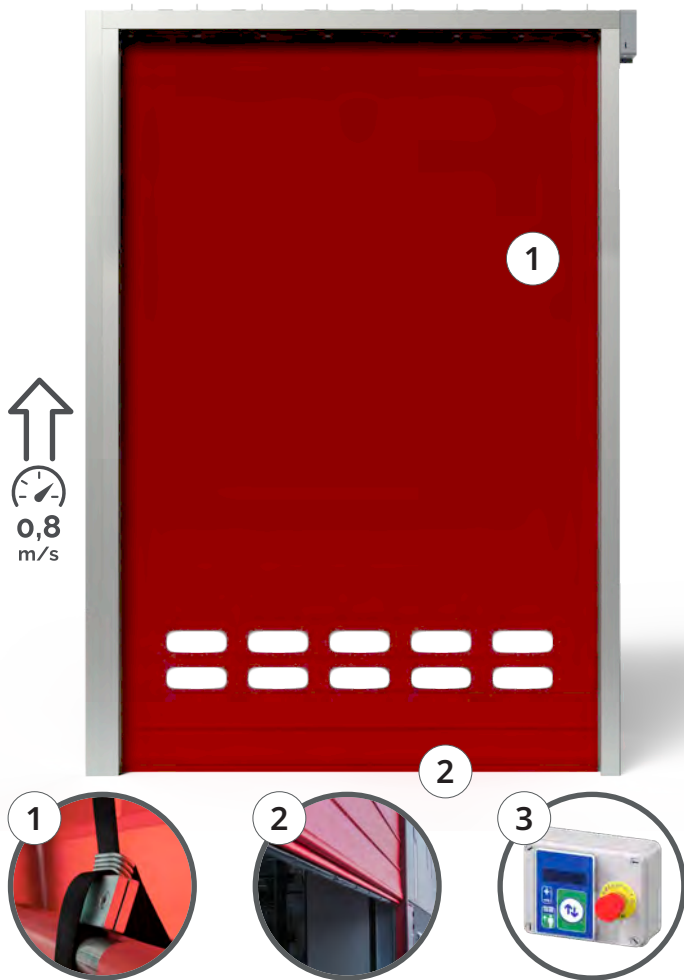




THE FOLD 900_B FOLD-UP DOOR for large openings is strong thanks to the folded frame in 3 mm thick galvanised steel sheet. The folding system consists of a tarp (PVC coated tarp) strengthened internally by galvanised steel tubes placed inside welded pockets. The diameter of the strengthening tubes varies according to the resistance class for the required air pressure. The tarp assembly is lifted thanks to belts secured above the winding shaft.

ADVANTAGES

- ✓ Safety
- ✓ Strength
- ✓ Easy to install with pre-wired electronics

APPLICATIONS

- ✓ Warehouses
- ✓ Industry
- ✓ Composting plants
- ✓ Farm storage areas
- ✓ Car washes
- ✓ Laboratories

AIR PRESSURE RESISTANCE

Available in class 2 / 3 / 4 depending on requirements

GENERAL TECHNICAL FEATURES

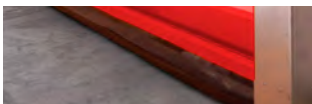
Max dimension	L max 10000 mm
Frame	Galvanised steel (painted on request) <i>opt: FOLD 900_B-IX Aisi 304 stainless steel sheet *</i>
Winding shaft	<i>up to 6000 x 6000 mm: Ø 114 in aluminium</i> <i>over: Ø 133 in steel</i>
Maximum speed	<i>opening: up to 0.8 m/s (adjustable)</i> <i>closing: 0.6 m/s</i> with acceleration and deceleration ramps
Tarp	PVC 900 g/m² with two window rows
Sliding	On plastic profiles fixed on the frame Smoother sliding tarp support <i>opt: Side brushes to reduce the noise and the passage of hot/cold air from inside to outside</i>
Electronics	Motorgear: three-phase asynchronous fitted with parachute and encoder and inverter system; various powers depending on size. Automation power supply: 230 V 50/60 Hz 1 phase + Neutral and Earth, for larger doors: 400V, three-phase + Neutral + Earth
Opening	Keypad and emergency push button + mushroom push button Ø 90 mm
Wiring	Door supplied pre-wired
Emergency opening	Manual handle Counterweight for system balancing needed in some large doors; always available as optional for opening by foot in the absence of power supply <i>opt: Continuity unit (UPS)</i>

* Versions on the next page

STANDARD SAFETY SYSTEMS

• SAFETY EDGE

Safety edge with wireless transmitter fitted with long-lasting battery



Primary safety

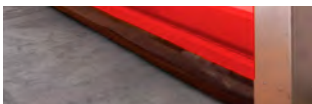
2 pairs of single ray photoelectric cells inside and outside the frame uprights



Secondary safety

• OPTION SAFETY EDGE AND OPTICAL BARRIERS (L < 6500 mm)

Safety edge with wireless transmitter fitted with long-lasting battery



Primary safety

Optical barriers in compliance with the EN 12445 standard (for H ≥ 2.5 m)



Secondary safety

TARP OPTIONS

Custom



1 line



3 lines



4 lines



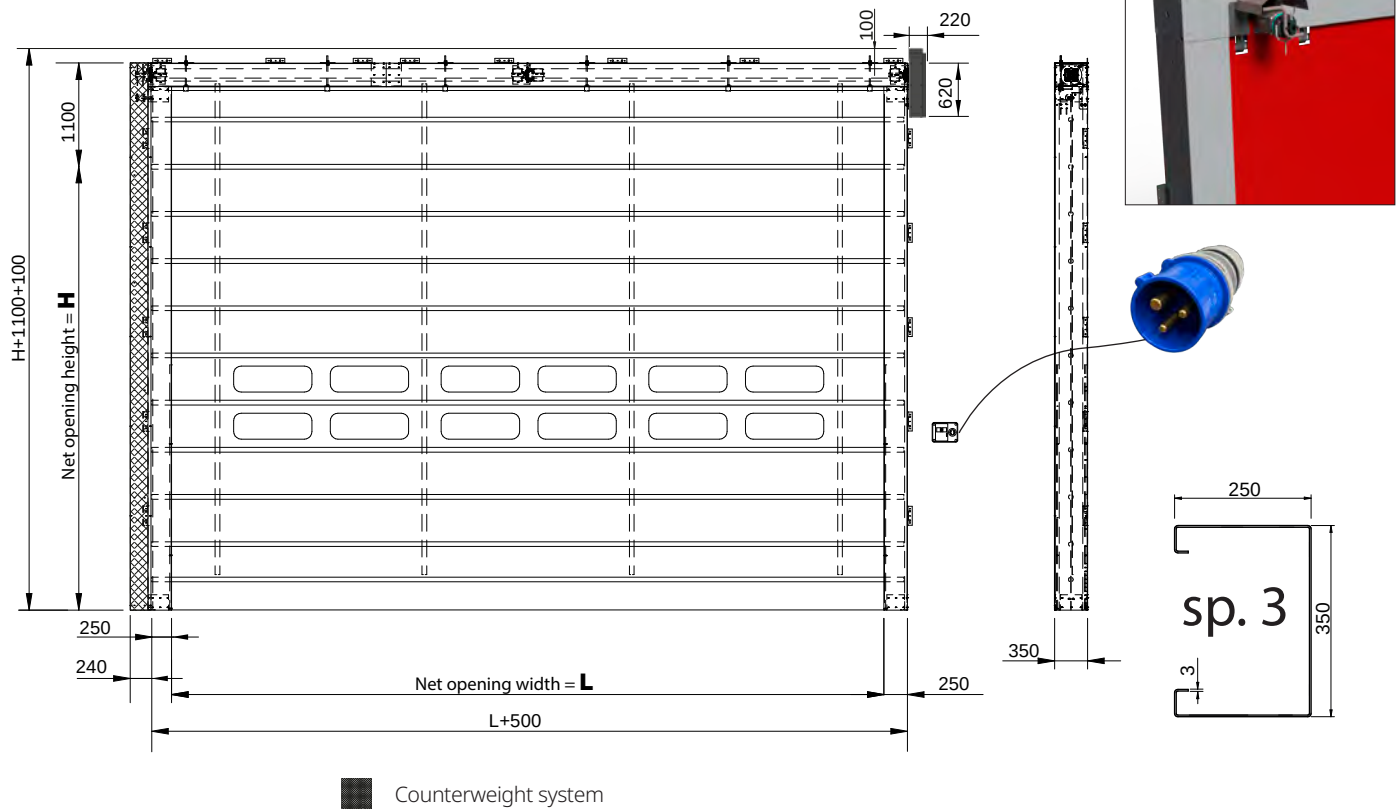
Supporting structure if necessary not included

AVAILABLE COLOUR/RAL STANDARD

1003	1021	5010	5012	9016	1013
2004	3002	3028	6026	9005	7001
7035	9006	7037	7038		

DIMENSIONS

Motor positioned to the left or to the right



OTHER VERSIONS

FOLD 900_B-IX

The FOLD 900_B-IX fold-up doors are a variant of the FOLD 900_B, featuring a frame made from AISI 304 stainless steel

APPLICATIONS

- ✓ Warehouses
- ✓ Industry
- ✓ Composting plants
- ✓ Farm storage areas
- ✓ Car washes
- ✓ Laboratories

TECHNICAL FEATURES

Frame	Aisi 304 stainless steel
Winding shaft	Depending on the size: an anodised aluminium shaft with Aisi 304 stainless steel ends and PE-stainless steel bearings, or a shaft made entirely of Aisi 304 stainless steel
Motorgear	Complete with electromagnetic brake and absolute encoder with cataphoresis coating