

HIGH SPEED DOORS

ROLL-UP / FOLDING

WWW.FLEXIDOOR.PT

 **Flexidoor**
AUTOMATIC DOORS MANUFACTURER









HIGH SPEED **ROLL-UP** DOORS



Our doors are ideal to high traffic passages and divide different areas. The high speed roll-up doors can be manufactured to a maximum width of 4500 mm and maximum height of 4500 mm. The doors have an attractive design and are composed by a lacquered aluminium structure, fixed to the wall with galvanized steel screws.

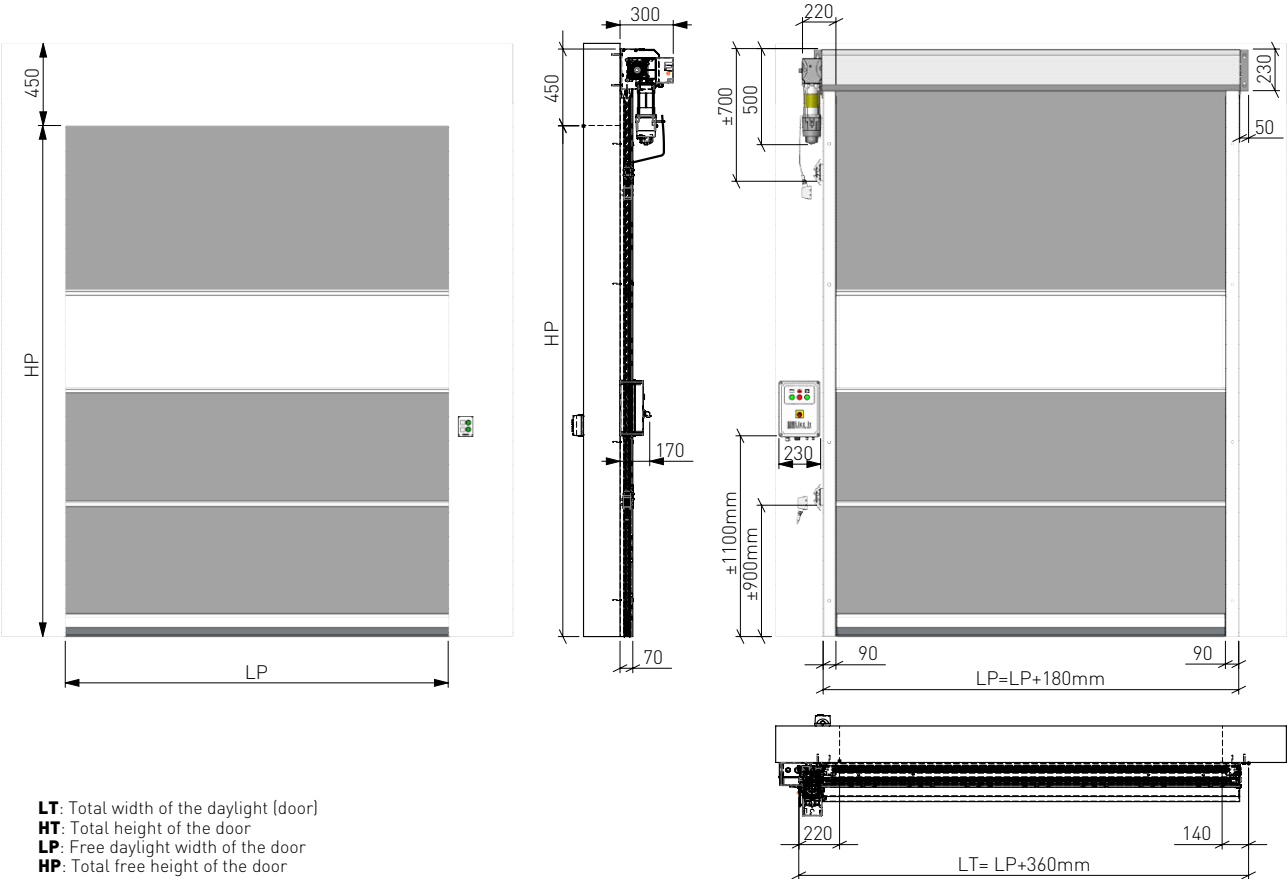
WIND RESISTANCE [Pa]	CLASS	[Pa]	Km/h
High speed roll-up door (for indoor use only)	1	300	80,46

AVAILABLE COLOURS

			
RAL 9003 (WHITE)	RAL 3002 (RED)	RAL 7040 (GREY)	RAL 6026 (GREEN)
			
RAL 1003 (YELLOW)	RAL 5005 (BLUE)	RAL 2004 (ORANGE)	OTHER AVAILABLE RAL COLOURS

APPLICATION: INTERIOR DOOR

	SOMMER
Maximum passage measure	4500mm x 4500mm
Minimum passage measure	1000mm x 2000mm
Electricity supply	230 V
Current rating	2 A
Gear motor	Sommer
Revolutions per minute	130 rpm
Phases	3~230/400 V
Power	0,55 kw
Degree of motor protection	IP54
Opening speed	0,8 m/s a 1,2 m/s
Working temperature	-5 °C a +60 °C
Daily operations	± 1000
Automatic closing	0 s a 999 s
Power supply for accessories	12 Vac
Traction type	Direct
Curtain material	P.V.C.
Curtain weight	950 gr/m2
Curtain thickness	0,8 mm
Transparent material	P.V.C.
Transparent section thickness	2,2 mm
Frequency	50/60 Hz
Base of machine	Aluminium
Machine cover	Aluminium
Engine cover	Optional
Vertical guides	Aluminium
Safety edge system	Light curtain



HIGH SPEED FOLDING DOORS



A PRACTICAL, ROBUST MODEL AND IDEAL FOR MEDIUM AND LARGE PASSAGES!

The Flexidoor high speed folding doors are versatile and robust, and meet all demands necessary for intensive use and can be applied in any room, even for large windy areas.

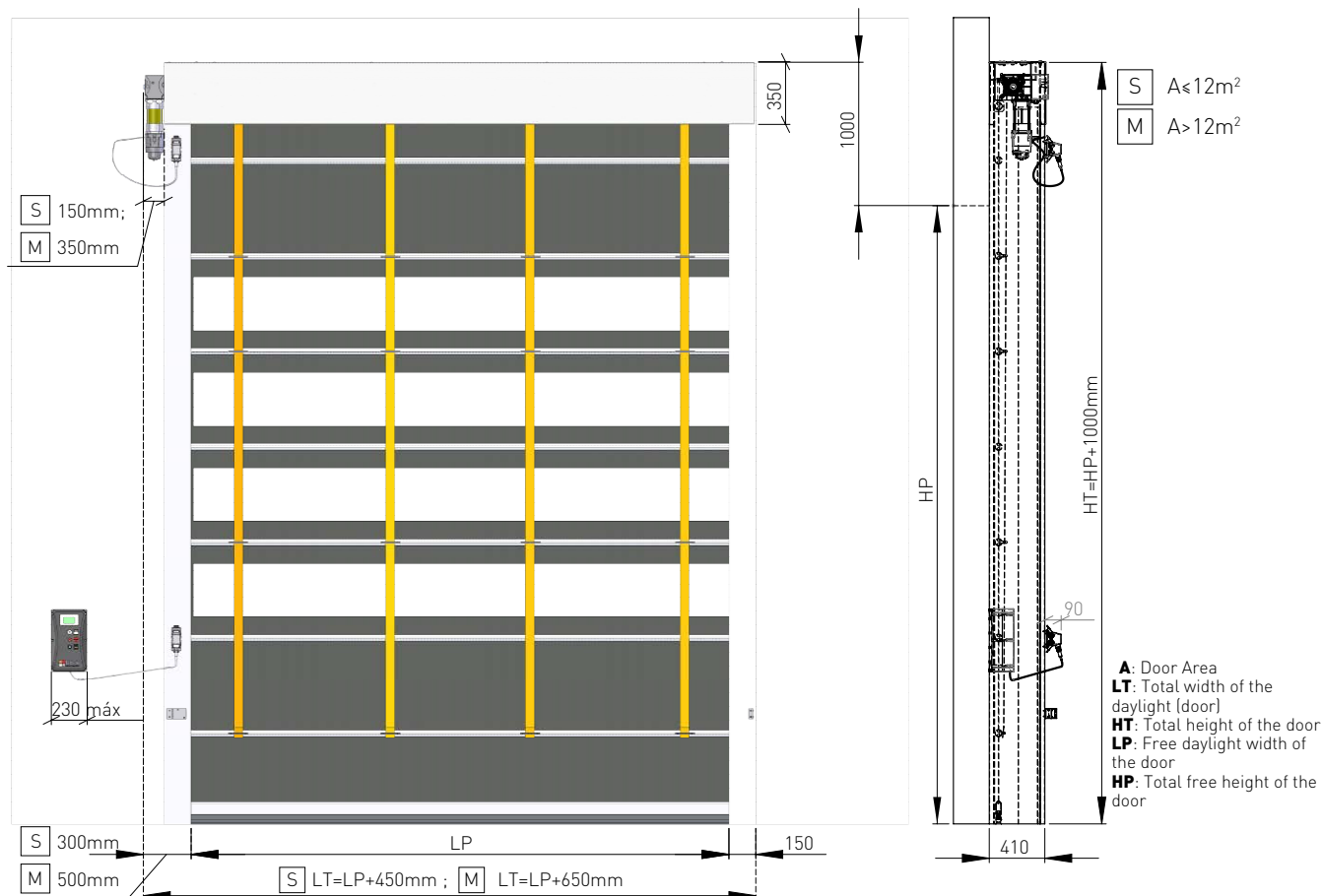
WIND RESISTANCE [Pa]	CLASS	[Pa]	Km/h
High speed folding doors (Maximum dimension up to 2,75 x 3m)	3	450	98,56
High speed folding doors (Dimension bigger than 2,75 x 3m)	2	700	122,93

AVAILABLE COLOURS

			
RAL 9003 (WHITE)	RAL 3002 (RED)	RAL 7040 (GREY)	RAL 6026 (GREEN)
			
RAL 1003 (YELLOW)	RAL 5005 (BLUE)	RAL 2004 (ORANGE)	OTHER AVAILABLE RAL COLOURS

APPLICATION: EXTERIOR/INTERIOR DOOR

	SOMMER	MOTOVARIO
Maximum passage measure	8000mm x 6000mm	8000mm x 6000mm
Minimum passage measure	1000mm x 2000mm	1000mm x 2000mm
Electricity supply	400 V	400 V
Current rating	3,2 A	3,6 A
Gear motor	Sommer	Motovario
Revolutions per minute	130 rpm	130 rpm
Phases	Three-phase	Three-phase
Power	1 kw	1,5 kw
Degree of motor protection	IP54	IP54
Opening speed	0,7 m/s a 1,2 m/s	0,7 m/s a 1,2 m/s
Working temperature	-5 °C a +60 °C	-5 °C a +60 °C
Daily operations	± 1000	± 1000
Automatic closing	0 s a 30 s	0 s a 30 s
Power supply for accessories	24 V	12V / 24V
Traction type	Direct	Direct
Curtain material	P.V.C.	P.V.C.
Curtain weight	950 gr/m ²	950 gr/m ²
Curtain thickness	0,8 mm	0,8 mm
Transparent material	P.V.C. Mica	P.V.C.
Transparent section thickness	2,2 mm	2,2 mm
Frequency	50 Hz	60 Hz
Base of machine	Galvanized	Galvanized
Machine cover	Galvanized	Galvanized
Engine cover	Optional	Optional
Vertical guides	Galvanized	Galvanized
Safety edge system	Radio	Radio
Safety Photocells	Mirror	Mirror

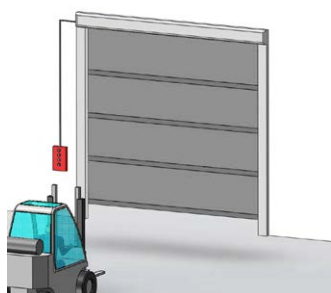


COMPOSITION OF A FLEXIDOOR **HIGH SPEED DOOR**

OPENING AND SAFETY SYSTEMS

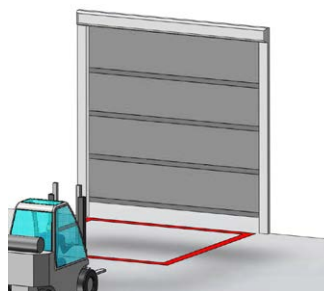
PRESSURE BUTTON

From the outside, this component allows to open and close the high speed door.



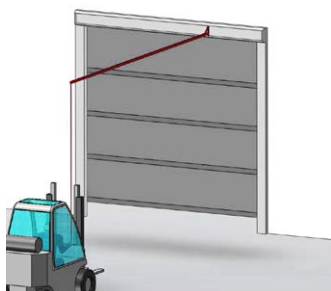
MAGNETIC DETECTOR

In order to allow easier access, Flexidoor can provide you with a magnetic detector for opening the door with the simple passage of an object with a high metal content. This option comprises a spiral cable that, together with micro switches, enables different types of sensitivity adjustments so that it can function even in areas where there are large quantities of metal. This component is discreet since it is built-in into the floor



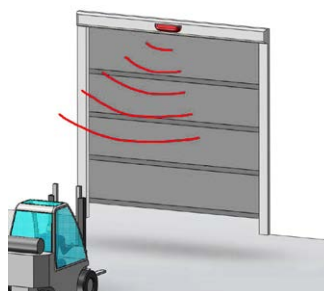
TIE ROD

Another option for opening that may be part of a Flexidoor high speed door. This component uses rope that hangs from a considerable height so that it can be pulled for opening the door by a forklift operator



INFRARED RADAR

Thinking of all the possibilities, Flexidoor provides its doors with infrared radars that allow the doors to open when movements within a maximum radius of 8m are detected.

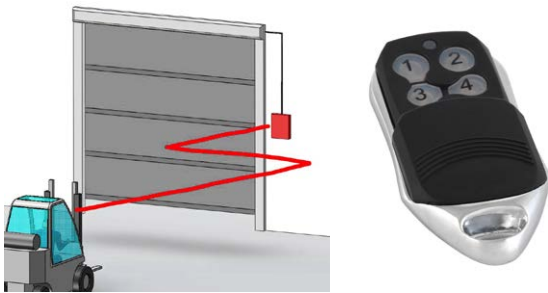


FLEXIDOOR HIGH SPEED DOOR OPTIONS

RADIO CONTROL

Comfort is not set aside even with doors used in industrial environments.

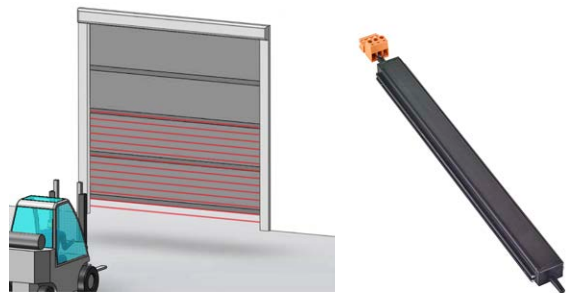
For this reason, Flexidoor provides radio frequency control emitters, this way the doors can be opened from an approximate distance of a 100m by way of a simple push of the button.



LIGHT CURTAIN

In case of obstacle detection, this component stops the high speed door.

Available up to 2650mm in height.



FLASHING LIGHT

The beacon light is another component that Flexidoor provides as an option to be applied on its doors. Installing this component enables the signalization of the movements of our doors, functioning whenever they are closing or opening. As an alarm, it is undoubtedly a very efficient safety system allowing the pedestrian to easily check whether the door is in operation, avoiding possible accidents.



EXTERNAL RECEIVER

The external receiver EXT2 have 2-channel rolling-code 433.92 MHz with 999 codes memory with plug-in for multiple applications.





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