



SPEEDROLLER **STRONG** *Outdoor*

THE HEAVY DUTY SOLUTION FOR DEMANDING SITUATIONS

PROPERTIES

- max. surface area (WxH) = 36 m²
- max. width (W) = 6,000 mm, max. height (H) = 6,000 mm
- up to 4,000 mm width:
 - Wind load resistance class 4 according to EN 12424
 - or up to 12 Beaufort minimal (133 km/h)
- above 4,000 mm width:
 - Wind load resistance class 3 according to EN 12424
 - or up to 11 Beaufort minimal (117 km/h)
- opening speed with Frequency Control max. 1.8 m/s*
 closing speed approx. 0.5 m/s
- 1.2 mm thick door curtain in blue, black, white, grey, red, orange or yellow
- permanent curtain tensioning ensures stable door operation, even in larger doorways with high wind loads
- transparent windows available as an option
- EN13241 compliant



CLIMATE UP
ENERGY DOWN



Intelligent Door Solutions

SPEEDROLLER STRONG Outdoor

The Strong Outdoor is the ultimate SpeedRoller for the really tough stuff: robust components and reliable technology ensure years of trouble-free use. The SpeedRoller Strong Outdoor has been developed especially for mounting on outer walls and in particularly large openings with high wind loads. The stable columns with integrated seals keep all draughts out and your indoor climate comfortable. The electronic control can open this large door at 1.8 m/s*.

DIMENSIONS	
max. width	6,000 mm
max. height	6,000 mm
max. surface area	36 m ²
max. wind force up to 4,000 mm width*	Cl. 4 / 12 Bft
max. wind force above 4,000 mm width*	Cl. 3 / 11 Bft
required lateral space at the guides	195 / 240 mm*
required lateral space at slip on drive	345 / 430 mm*
required lateral space at drive for fitting	450 / 480 mm*
lateral space at side guide profiles	145 mm
space above	650 / 700 mm*

COMPONENTS AND CONSTRUCTION

The Strong Outdoor is an electrically operated high-speed door with a permanent curtain tensioning system. The door curtain is rolled up on a roller above the opening. The door curtain is made of horizontal sections of extremely durable polyester-reinforced PVC. The sections are fitted with aluminium reinforcement profiles with integrated EndLocks, and can be equipped with a window section between approx. 1,000 and 2,000 mm in height. The bottom of the door curtain has a solid HardEdge bottom beam. U-shaped columns with side seals ensure lateral guidance of the door curtain. The lateral guides are one unit combined with the bearing plates for secure fastening to the roller and drive.

MATERIALS

The columns are composed of a solid steel skeleton, surrounded by sendzimir galvanized steel profiles. The front covers are removable for fast and simple installation and maintenance. Unique side seals are made of highly wear-resistant plastic. The horizontal roller is aluminium. The HardEdge bottom beam is aluminium. The door curtain is a 1,2 mm thick PVC with a polyester reinforcement inlay.

COLOUR

The door curtain is available in the colours blue, black, white, grey, red, orange or yellow and can optionally be fitted with transparent windows¹.

DRIVE

The drive consists of an electric motor with reduction unit. The roller is directly driven. Drive side available left or right (standard).

Technical details electric motor

- mains voltage with frequency control 3N~400V/50Hz/16AT
- degree of protection IP65
- consumed power max. 3 kW

PERFORMANCE	
control box with frequency control (standard):	
max. opening speed	1.8 m/s*
max. closing speed	0.5 m/s

PROTECTION

- light curtain up to 2,500 mm high
- the door can be manually opened in the case of a power loss
- electric motor with reduction unit and optional roll-off safety¹

STRUCTURAL PROVISIONS AND CONNECTION

- a flat mounting frame and the necessary mounting space must be available
- exact installation dimensions in the Technical Datasheet
- within a radius of 500 mm of where the standard control unit with frequency-control will be positioned there must be a wall socket:
 - CEE-form red, 3N~400V/50Hz fused, slow operation 16 A fitted with a circuit-breaker of at least 300 mA
- the control box usually is fitted on the drive side, at a height of approx. 1,500 mm from the floor
- with standard CEE-plug, the control box is IP54 compliant

CONTROL AND OPERATION

The control unit has 3 buttons (open-stop-close) and a CEE plug, and regulates a multitude of functions such as:

- adjustable open time (1-240 sec.)
- 7-segment display for control of the various functions
- permanently open or permanently shut
- service and run mode

Additional controls that can be connected to the control box are:

- push-button, pull switch, key-operated switch, photocell, radar, induction loop detection or radio control.

Other forms of operation on request



Available control: T100R FU 3 kW

EXTRAS¹

CONTROL AND OPERATION

- additional controls as described above
- door interlock control in combination with another door

PROTECTION

- connection of traffic lights (red/green or red and green)
- warning light (orange or red)

CONSTRUCTION

- transparent windows (BxH 600x600mm) or mosquito netting
- PVC or metal hood (drive cover in PVC only)
- metal hood and PVC drive cover in customer-specified RAL colour

* Depending on the configuration ¹ subject to surcharge