SPEEDGATE WITH OVERHEAD TRACK

- • **For industrial sites, parking lots, areas with height restrictions, ...**
- • **Single or double speedgate possible**
- • **Built-in control systems and motors in the columns**
- • **Opening 100%: when opened, the wings are behind the columns**
- • **Overhead track tested for long-term use**
- • **Galvanized with option of powder coating**
- • **Custom-made and delivered ready for installation**

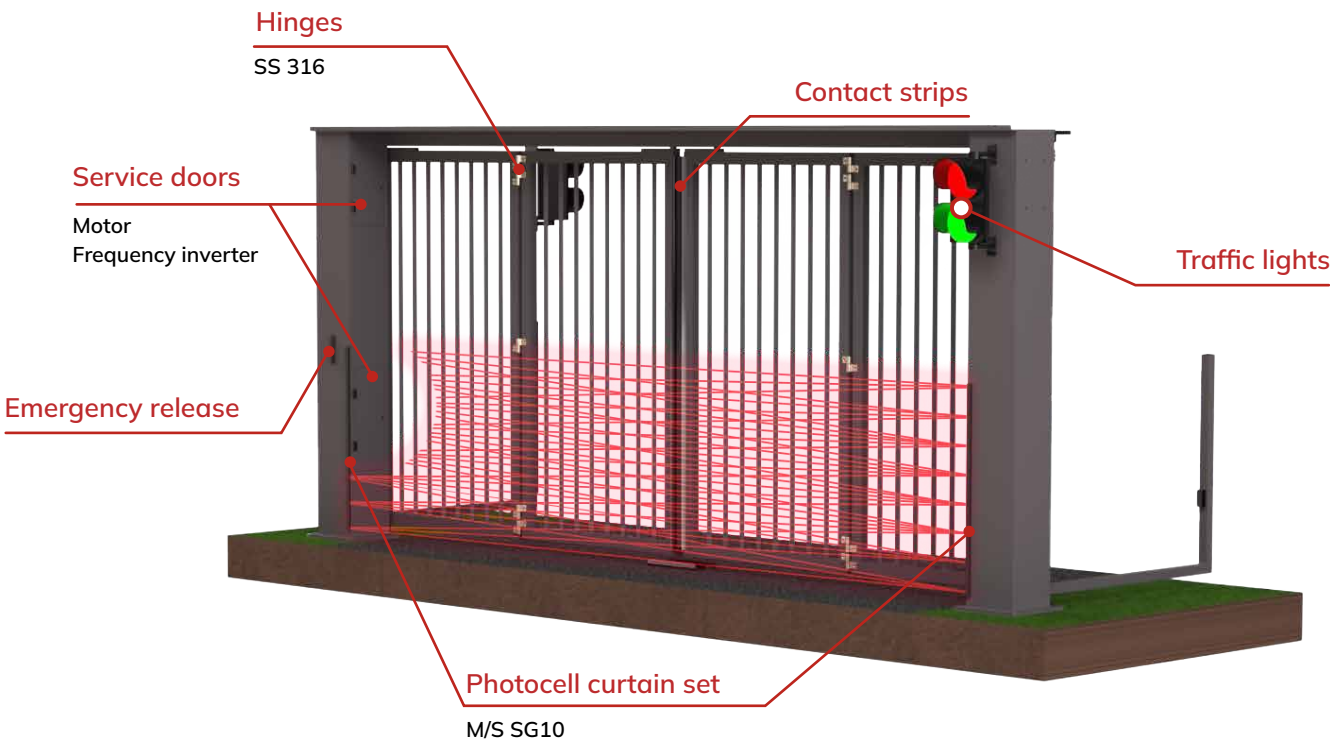|	
Width	Up to 12m (single speedgate max. 6m)
Height	Up to 4m
Opening speed	0,8 to 1,2 meter/sec.
Columns	350 x 350 x 8mm
Power supply	230 VAC
Motor drive with master/slave	0,25kW in each column
Power usage	550W - 700W (depending on the chosen accessories)
Minimum circuit	6A curve D
Starting current at opening	4,2A
IP-Code	IP44 (splash-proof)
Working temperature	-10°C + 50°C
Operating humidity	0% - 95% (non-condensed)
Conformity	EN13241-1

CONTROL
- FEIG FUZ-B with plug-in loop detector
- Feedback via relay:
  Speedgate open or closed
- Single turn encoder:
  Motor remembers its position after power loss
- Master/slave:
  Between both columns (with a double speedgate)

APPLIED STANDARDS
- EN 13241; EN-IEC 60335-1; EN12453 ; EN 12445:2000 ;
  EN-IEC 60335-2-103 ; EN 12424
- 2006/42/EG
- 2004/108/EG

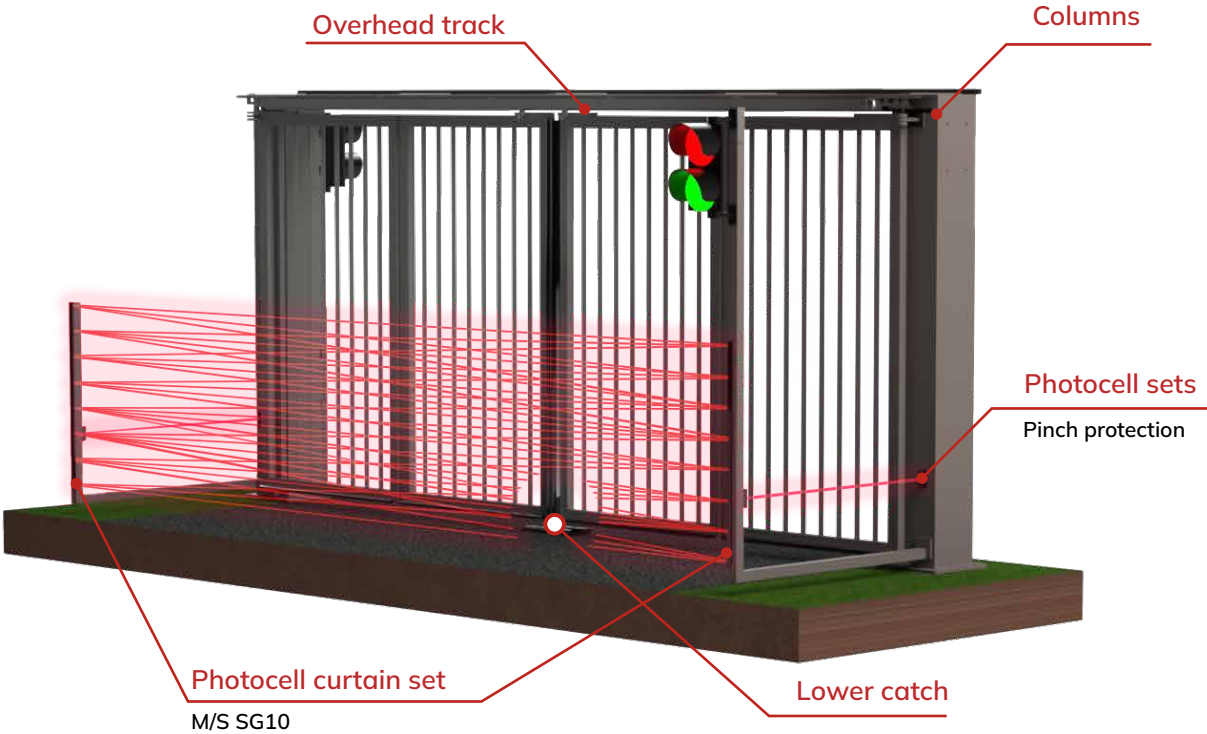# PARTS AND ACCESSORIES

Outside view:

Hinges
SS 316

Contact strips

Service doors

Motor
Frequency inverter

Traffic lights

Emergency release

Photocell curtain set
M/S SG10

Hinges	●	With integrated cable entry to the contact strips. SS 316 is more resistant to crevice, stress and pitting corrosion. The combination of molybdenum with the higher percentage of nickel increases corrosion resistance. The hinges can be used untreated.
Contact strips	●	For security during the opening of the Trackless Speedgate. On contact, the movement of the Speedgate is reversed.
Traffic lights	○	LED-traffic lights on the inside and outside.
Photocell curtains	●	Type: M/S SG10 Height of 1200mm on the columns. Detection at 50mm.

● Standard
○ Optional

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PARTS AND ACCESSORIES

Inside view:

Overhead track

Columns

Photocell sets

Pinch protection

Photocell curtain set

M/S SG10

Lower catch

Overhead track	●	The overhead track ensures a solid construction and is made of durable and low-maintenance components. This extends the MCBF. (mean cycles between failure).
Columns	●	Built-in control systems and motors in the columns. Measurement: 350 x 350 x 8mm.
Photocell sets	●	2 photocell sets as pinch protection on both sides at a height of 600mm.
Lower catch	○	Additional guidance of the Speedgate.

● Standard
○ Optional

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OVERVIEW

Opening possibilites	○ Only open master or slave side	
	● Direction in or out	
	● Partial opening (for cyclists and pedestrians)	
	● Manual openings (with key)	
Control*	○ Laser sensors (in case of free entry or exit)	
	○ Control with transmitters	
	○ Control panel deadman	
	● Link for access control	
	● Stop	
	● Closing	
Safety	● Deadman opening	
	● Deadman closing	
	● Photocell curtains	
	● Rubber contact strips	
	● Mechanical lock (end position)	
	○ Signalisation	
	○ Security comb or barbed wire	
	○ Lower catch**	
Finishing	Sandblasting	Sa 2,5/ Sa 3 according to the standard NBN and ISO 8501-1:2001
	Metallizing	ZN85/AL15 50μ
	Powder coating	Thermoset polyester coating (90μ in RAL-color of choice)
	Average layer thicknes	140μ
	○ Maritime coating**	
	Filling	Different fillings possible

● Standard
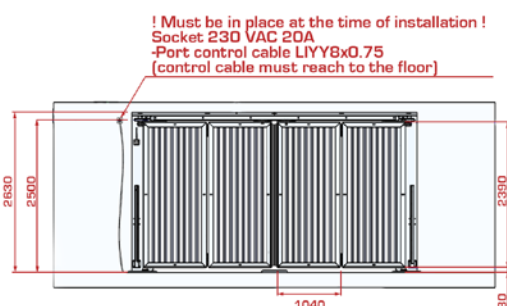○ Optional

*   Contact us for all control options.
** In case of high humidity, aggressive atmosphere or marine and industrial areas,
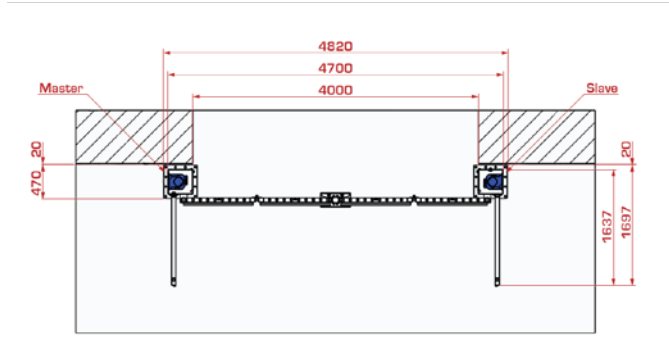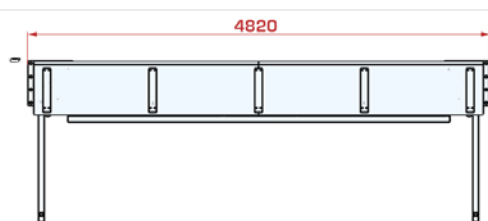   we recommend a maritime coating.

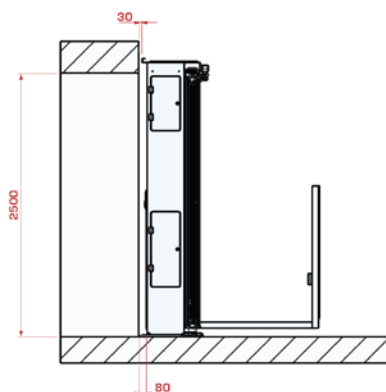# SPEEDGATE WITH OVERHEAD TRACK
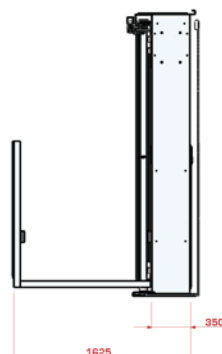
TECHNICAL DRAWINGS

Frontal view

! Must be in place at the time of installation !
Socket 230 VAC 20A
-Port control cable LIYY8x0.75
(control cable must reach to the floor)

2630
2500
2390
1040
80

Top view

4820

4820
4700
4000
Master
Slave
470 20
20
1637
1697

Top view

30
2500
80

Right view

350
1625

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