



TRACKLESS SPEEDGATE

- For industrial sites, parking lots, high-security locations, ...
- Single or double speed gate possible
- Built-in control systems and motors in the columns
- Opening 100%: when opened, the wings are behind the columns
- Bearing rod mechanism 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

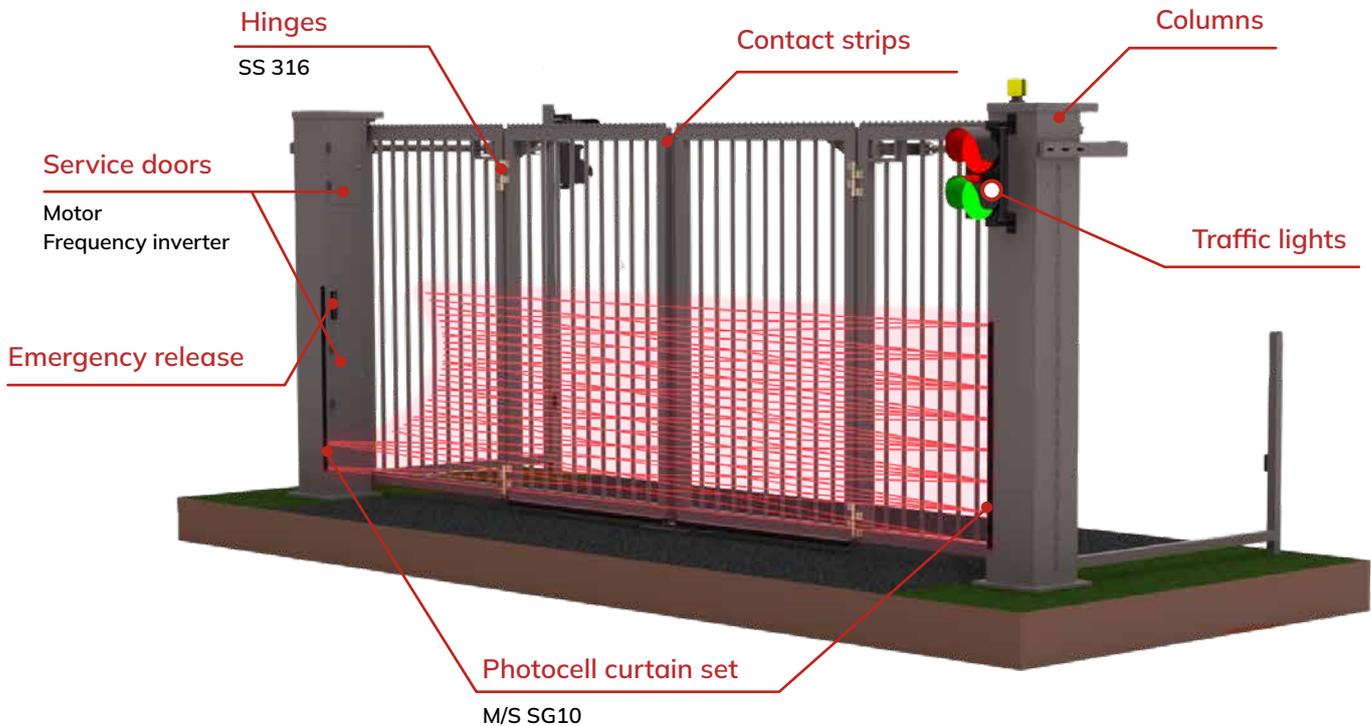
- FEIG FUZ-B with plug-in loop detector
- Feedback via relay:
Speedgate open or closed
- Single turn encoder:
Motor remembers its position after power loss
- Master/slave:
Between both columns (with a double speedgate)

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:

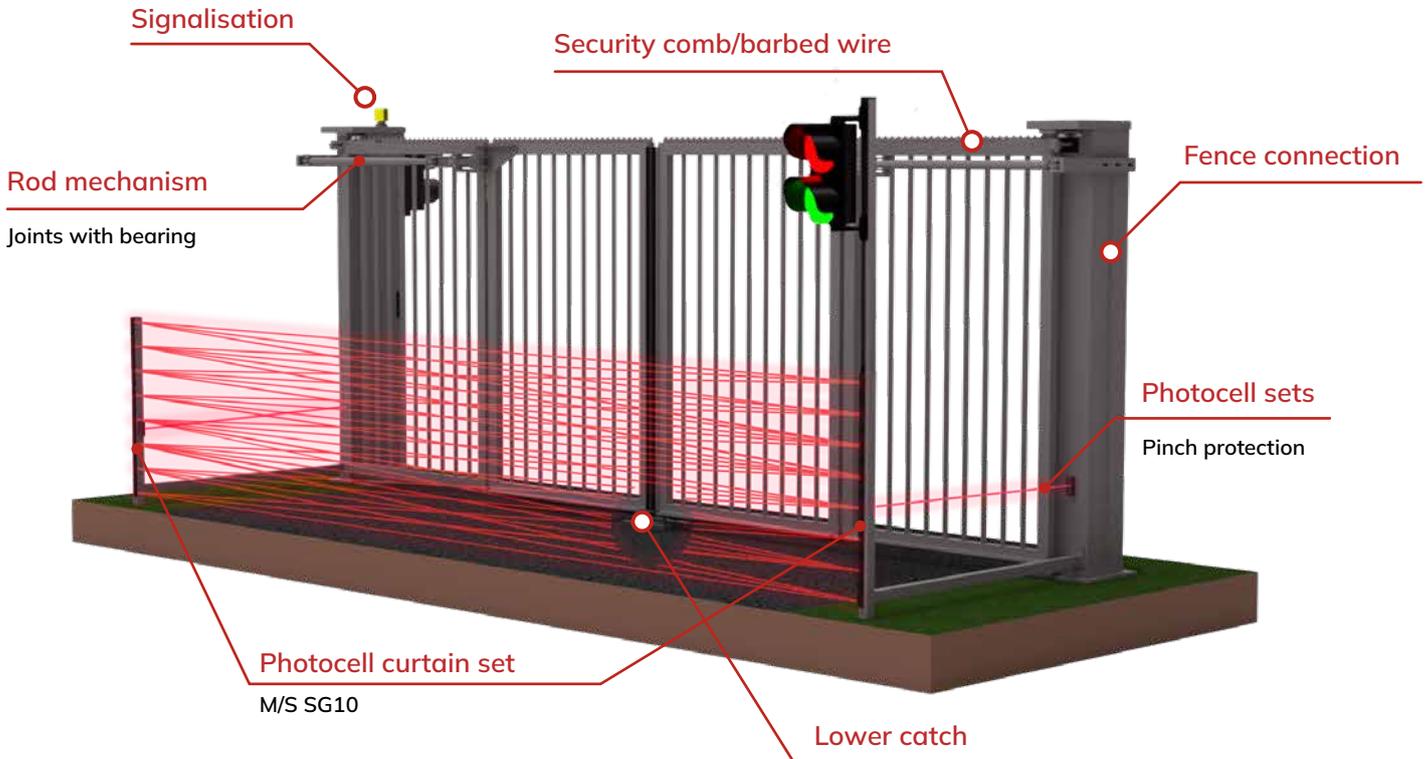


Hinges	<ul style="list-style-type: none"> ● With integrated cable entry to the contact strips. SS 316 is more resistant to crevice, stress and pitting corrosion. The combination of molybdenum with the higher percentage of nickel increases corrosion resistance. The hinges can be used untreated.
Contact strips	<ul style="list-style-type: none"> ● For security during the opening of the Trackless Speedgate. On contact, the movement of the Speedgate is reversed.
Columns	<ul style="list-style-type: none"> ● Built-in control systems and motors in the columns. Measurement: 350 x 350 x 8mm.
Traffic lights	<ul style="list-style-type: none"> ○ LED-traffic lights on the inside and outside.
Photocell curtains	<ul style="list-style-type: none"> ● Type SG10. Height of 1200mm on the columns. Detection at 50mm.

- Standard
- Optional

PARTS AND ACCESSORIES

Inside view:



Rod mechanism	● Bearing rod mechanism provides a longer life and extends the MCBF (mean cycles between failure).
Signalisation	○ Indicates that the Speedgate is in motion.
Security comb/ barbed wire	○ Choice of adding a security comb or barbed wire as overclimb protection.
Fence connection	● For fencing or other types of enclosures
Photocell sets	● 2 photocell sets as pinch protection on both sides at a height of 600mm.
Lower catch	○ Additional guidance of the Trackless Speedgate with increased burglar resistance.

- Standard
- Optional

OVERVIEW

Opening possibilities	○ 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	
	○ LED-traffic light	
	○ 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 thickness	140μ
	○ Maritime coating***	
	Filling	Different fillings possible

- Standard
- Optional

* Contact us for all control options.

** To maintain a smooth motion, we always recommend a lower catch on trackless speedgates.

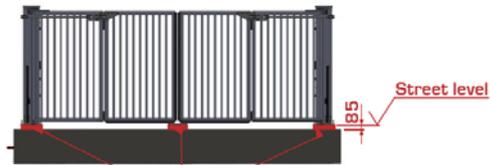
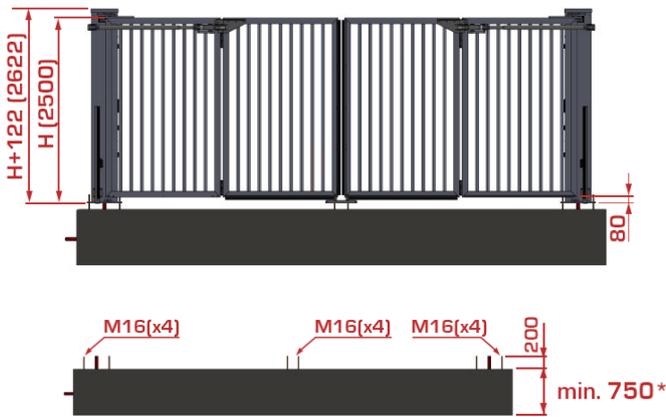
*** In case of high humidity, aggressive atmosphere or marine and industrial areas, we recommend a maritime coating.



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TECHNICAL DRAWINGS

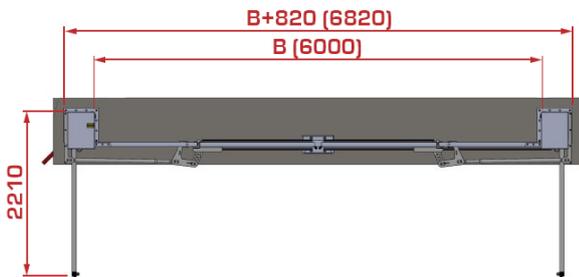
Frontal view



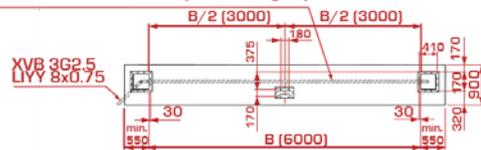
After installation, fill the space between the foundation block and column base plate up to 1cm under base plate.

* A deeper foundation might be necessary, depending on the soil.

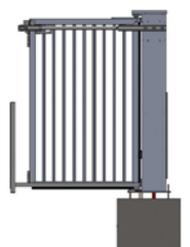
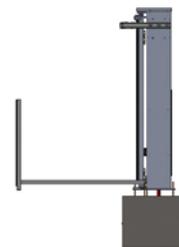
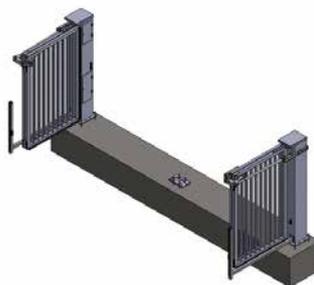
Top view



- XVB 3G2.5 (power supply 230 VAC)
- LIYY-JZ 4x0.75 (communication master/slave)
- LIYY 8x0.75 (connection photocell curtain)
- 2x H05VV-F 4G0.75 (traffic light)



Note: all cables must protrude the conduit beyond 2m





**/ YOUR SAFE PARTNER
IN ACCESS**

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