



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

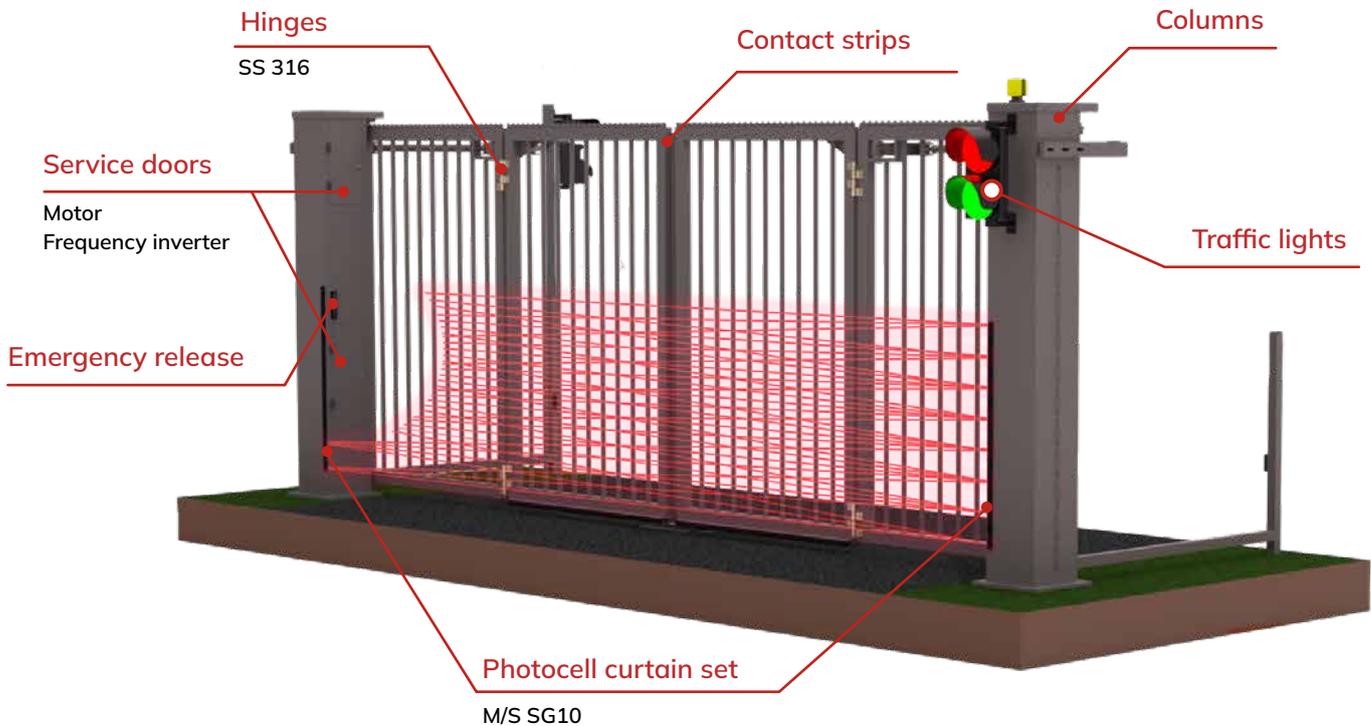
- FEIG FUZ-B with plug-in loop detector
- Feedback via relay:
 - Speedgate open or closed
- Single turn encoder:
 - Motor remembers its position after power loss
- Master/slave:
 - Between both columns (with a double speedgate)

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:

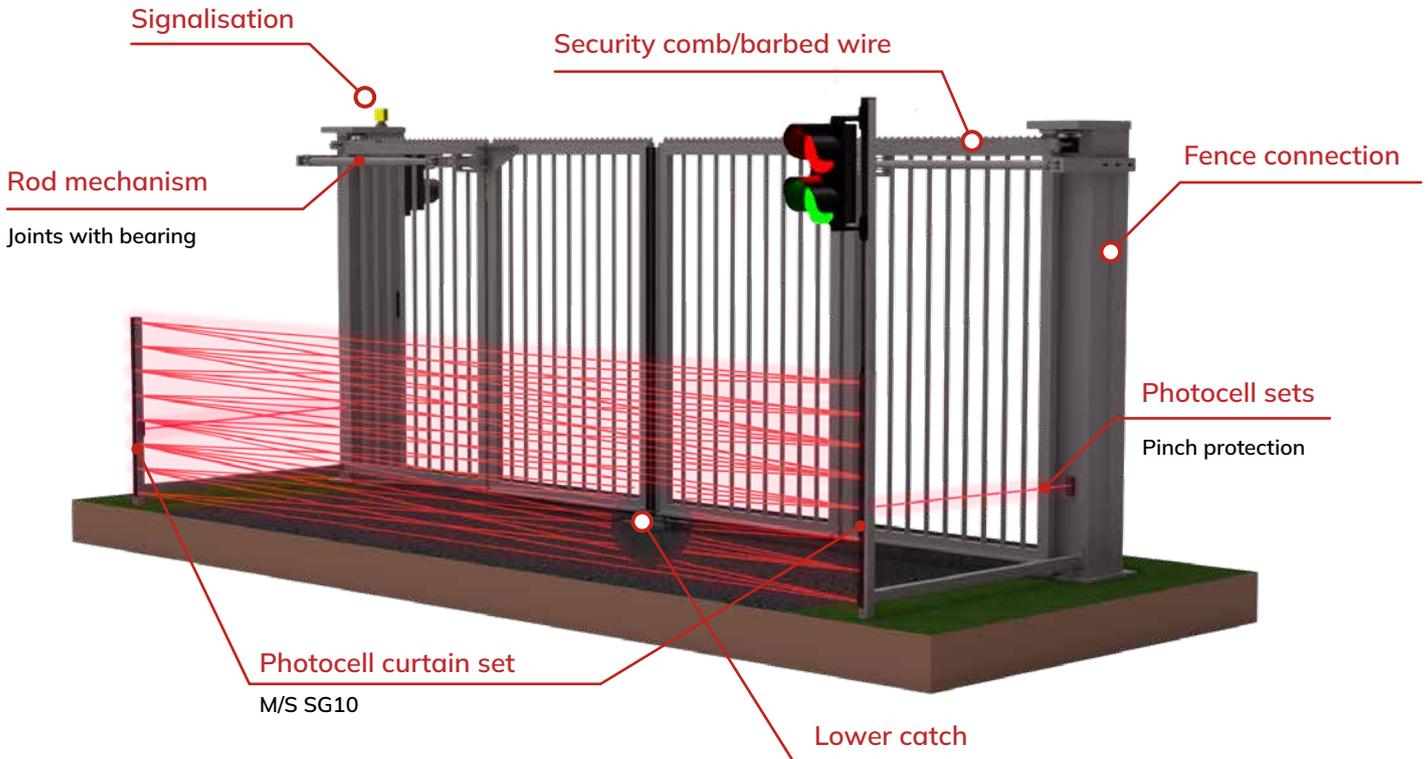


Hinges	<ul style="list-style-type: none"> ● With integrated cable entry to the contact strips. SS 316 is more resistant to crevice, stress and pitting corrosion. The combination of molybdenum with the higher percentage of nickel increases corrosion resistance. The hinges can be used untreated.
Contact 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	<input type="radio"/> Only open master or slave side	
	<input checked="" type="radio"/> Direction in or out	
	<input checked="" type="radio"/> Partial opening (for cyclists and pedestrians)	
	<input checked="" type="radio"/> Manual openings (with key)	
Control*	<input type="radio"/> Laser sensors (in case of free entry or exit)	
	<input type="radio"/> Control with transmitters	
	<input type="radio"/> Control panel deadman	
	<input checked="" type="radio"/> Link for access control	
	<input checked="" type="radio"/> Stop	
Safety	<input checked="" type="radio"/> Closing	
	<input checked="" type="radio"/> Deadman opening	
	<input checked="" type="radio"/> Deadman closing	
	<input checked="" type="radio"/> Photocell curtains	
	<input checked="" type="radio"/> Rubber contact strips	
	<input checked="" type="radio"/> Mechanical lock (end position)	
	<input type="radio"/> Signalisation	
	<input type="radio"/> LED-traffic light	
	<input type="radio"/> Security comb or barbed wire	
<input type="radio"/> 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
	<input type="radio"/> 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.

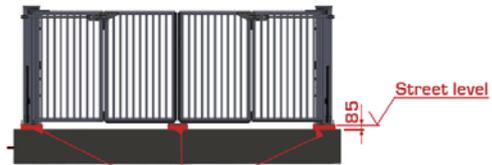
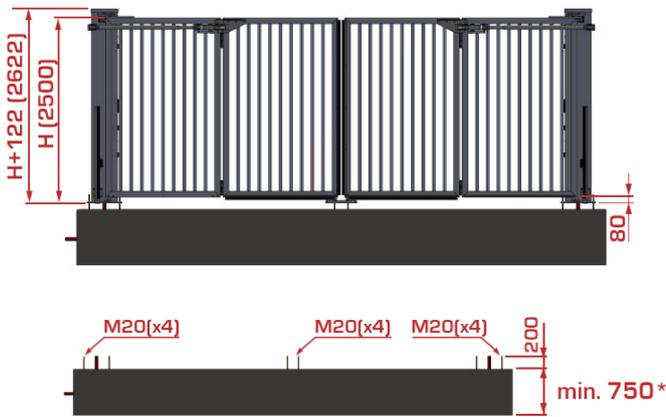
*** To maintain a smooth motion, we always recommend a lower catch on trackless speedgates.



TRACKLESS SPEEDGATE

TECHNICAL DRAWINGS

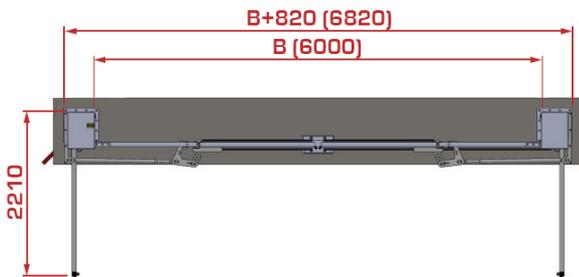
Frontal view



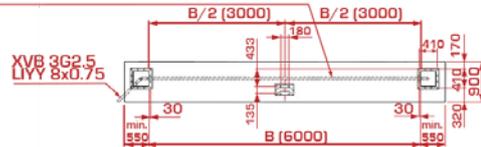
After installation, fill the space between the foundation block and column base plate up to 1cm under base plate.

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

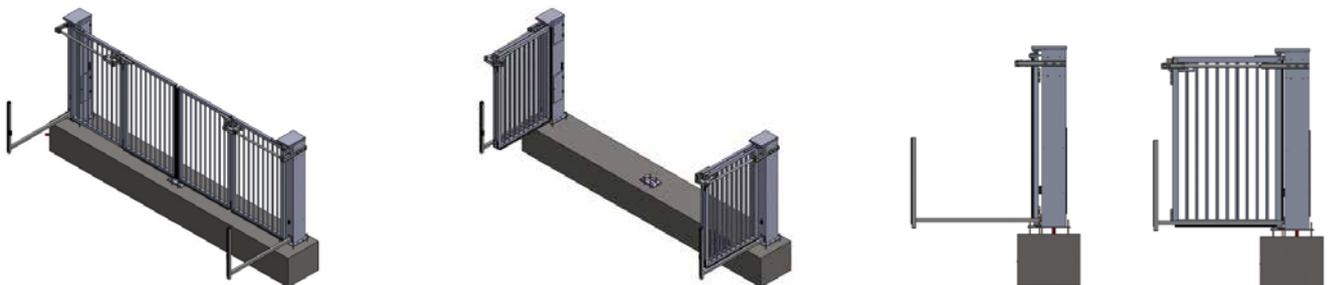
Top view



XVB 3G2.5 (power supply 230 VAC)
LIYY-JZ 4x0.75 (communication master/slave)
LIYY 10x0.75 (connection photocell curtain)
H05VV-F 4G0.75 (traffic light)



Note: all cables must protrude the conduit beyond 2m





**/ YOUR SAFE PARTNER
IN ACCESS**

info@bambormet.be

+32 11 31 26 56

Ambachtstraat 1137,
B-3850 Nieuwerkerken
Belgium

bambormet.be