



Access control

Robusta sliding gates on rail can fit in to all environments. Their very high standard of design is a guarantee of quality.

Sliding gates on rail

- ▶ Robusta® manual and motorisable
- ▶ Robusta® Plus motorised

ASSETS

Reliability

Robusta Sliding gates on rail are exceptionally rigid, thanks to the sections used and their fully-welded construction.

Safety

All our sliding gates on rail, whether manual, motorisable or Robusta Plus motorised comply with the requirements of EN 13 241-1 and carry a CE mark.

Complete system

Sliding gates on rail can be used with Robusta swing doors and are available in 3 versions: manual, motorisable and motorised Robusta Plus, for passages from 3 to 14 metres.

Harmony

Robusta sliding gates on rail fit harmoniously into all environments.

Applications

Industrial sites
Schools
Warehouses
Tertiary business park...



Gate wing

The frame is welded, with a tube infill. The tubes are welded at 45°. 3 sizes of underbeam are used according to the width of your gate.

Posts

All our gates are supplied with a guiding post and a single or double end post, according to the gate configuration.

3 versions

Manual gate: your gate is designed for manual operation and will be fitted with a Locinox key-operated lock. The direction of opening can be reversed at the time of installation.

Motorisable gate: your gate is designed for the subsequent installation of a motor. A gear rack is installed or supplied according to the width of the gate, and wiring holes are provided.

Robusta Plus gate: our exclusive partnership with FAAC means that your gate can be fully equipped and fitted with a motor in the factory. Once connected, your gate will be immediately ready to operate.

Coating

Robusta sliding gates on rail are protected by the best coating process currently available: galvanizing inside and out (min. thickness 275 g/m², 2 sides combined), followed by a polyester coating (min. thickness of the two coats: 120 microns).

Standard colours

Green Ral 6005, White Ral 9010, Grey Ral 7030.

Other colours on request.



CE marking

Robusta gates carry the C.E. mark, in accordance with the European directive. They are manufactured in accordance with the requirements of the directives (89/106/EC) and are tested according to EN 13241-1 specifications for industrial and commercial applications.



MECHANICAL SPECIFICATIONS OF SLIDING GATES ON RAIL

Type	R1000	R1500	R2000
Free passage Heights from 1.20 to 2.40 metres	3 to 6 metres	> 6 to 9 metres	> 9 to 14 metres
Gate wing construction			
Underbeam	100 x 100 x 3 mm	150 x 100 x 3 mm	200 x 100 x 4 mm
Vertical framing members at the beginning and end of the gate wing	60 x 60 x 2 mm	60 x 60 x 2 mm	100 x 100 x 3 mm
Intermediate sections	-	-	100 x 100 x 3 mm
Upper horizontal section	60 x 60 x 2 mm	60 x 60 x 2 mm	100 x 100 x 3 mm
Infill frame tubes	25 x 25 x 1.5 mm, welded at 45°		
Distance between bars	Max. 110 mm		
Guide wheels			
Wheel diameter	100 mm	120 mm	180 mm
Wheels integrated within the beam	No	Yes	Yes
Wheel groove	20 mm	20 mm	20 mm
Guiding post bridge			
Type	Single post bridge Optional double bridge	Single post bridge Optional double bridge	Double post bridge
Dimensions if height less than 2 metres	120 x 80 x 3 mm	120 x 80 x 3 mm & 120 x 120 x 3 mm	120 x 80 x 3 mm
Dimensions if height equal to or greater than 2 metres	120 x 120 x 3 mm	120 x 120 x 3 mm	120 x 80 x 3 mm
Inspection hatch	Only for motorisable versions		
Lock post - Manual version			
Type	Post in line		
Dimensions	120 x 120 x 3 mm		
End post or post bridge - Motorisable version			
Type	Single post bridge	Single post bridge	Double post bridge
Dimensions if height less than 2 metres	120 x 80 x 3 mm	120 x 80 x 3 mm & 120 x 120 x 3 mm	120 x 80 x 3 mm
Dimensions if height equal to or greater than 2 metres	120 x 120 x 3 mm	120 x 120 x 3 mm	120 x 80 x 3 mm
Inspection hatch	Yes		
Gear rack for motorisable and Robusta Plus versions			
Module	4		
Material	Steel-reinforced PA6		
Pre-installed	Yes		No
Accessories			
Locinox key lock	Manual version only		
Gate wing open end stop	Yes		
End post V	Yes		
Gate wing lift prevention system	Yes		



ROBUSTA SLIDING GATES ON RAIL						
Range	Width (mm)	Height mm	Gate height from foundation (mm)	Wing height (mm)	Bridge height mm	
Rail 1000	3000	1000	1072	966	1155	
	3000	1200	1272	1166	1355	
	3000	1500	1572	1466	1655	
	3000	1700	1772	1666	1855	
	3000	2000	2072	1966	2155	
	3000	2400	2472	2366	2555	
	4000	1000	1072	966	1155	
	4000	1200	1272	1166	1355	
	4000	1500	1572	1466	1655	
	4000	1700	1772	1666	1855	
	4000	2000	2072	1966	2155	
	4000	2400	2472	2366	2555	
	5000	1000	1072	966	1155	
	5000	1200	1272	1166	1355	
	5000	1500	1572	1466	1655	
	5000	1700	1772	1666	1855	
	5000	2000	2072	1966	2155	
	5000	2400	2472	2366	2555	
	6000	1000	1072	966	1155	
	6000	1200	1272	1166	1355	
6000	1500	1572	1466	1655		
6000	1700	1772	1666	1855		
6000	2000	2072	1966	2155		
6000	2400	2472	2366	2555		
Rail 1500	7000	1000	1072	1035	1155	
	7000	1200	1272	1235	1355	
	7000	1500	1572	1535	1655	
	7000	1700	1772	1735	1855	
	7000	2000	2072	2035	2155	
	7000	2400	2472	2435	2555	
	8000	1000	1072	1035	1155	
	8000	1200	1272	1235	1355	
	8000	1500	1572	1535	1655	
	8000	1700	1772	1735	1855	
	8000	2000	2072	2035	2155	
	8000	2400	2472	2435	2555	
	9000	1000	1072	1035	1155	
	9000	1200	1272	1235	1355	
	9000	1500	1572	1535	1655	
	9000	1700	1772	1735	1855	
	9000	2000	2072	2035	2155	
	9000	2400	2472	2435	2555	
	Rail 2000	10000	1000	1072	1022	1155
		10000	1200	1272	1222	1355
10000		1500	1572	1522	1655	
10000		1700	1772	1722	1855	
10000		2000	2072	2022	2155	
10000		2400	2472	2422	2555	
11000		1000	1072	1022	1155	
11000		1200	1272	1222	1355	
11000		1500	1572	1522	1655	
11000		1700	1772	1722	1855	
11000		2000	2072	2022	2155	
11000		2400	2472	2422	2555	
12000		1000	1072	1022	1155	
12000		1200	1272	1222	1355	
12000		1500	1572	1522	1655	
12000		1700	1772	1722	1855	
12000		2000	2072	2022	2155	
12000		2400	2472	2422	2555	
13000		1000	1072	1022	1155	
13000		1200	1272	1222	1355	
13000		1500	1572	1522	1655	
13000		1700	1772	1722	1855	
13000		2000	2072	2022	2155	
13000		2400	2472	2422	2555	
14000		1000	1072	1022	1155	
14000		1200	1272	1222	1355	
14000		1500	1572	1522	1655	
14000		1700	1772	1722	1855	
14000	2000	2072	2022	2155		
14000	2400	2472	2422	2555		

Other sizes available on request





Robusta® Plus motorisation for sliding gates on rail

Robusta Plus sliding gates

Robusta Plus sliding gates on rail are factory fitted with an FAAC motor and fully connected. There are two available versions: Dead-man key of Fully automatic.

The Dead-man key version comprises the FAAC motor, its control logic and a key switch, requiring no other safety devices on the gate.

The Fully automatic version comprises the FAAC motor and its control unit. It also comprises:

- **Pressure strips** (active or passive): any contact with the pressure strips automatically reverses the movement of the gate.
- **Photocells**: the passage of the gate is monitored by photocells as it closes. Activation will automatically reverse the movement of the gate.
- **Remote-control**: the gate is provided with two 2-channel remote controls. Additional remote controls are possible, the system can accept up to 128 remote-controls.
- **Revolving light**: to warn that the gate is opening or closing.

Motor specification

Supply voltage: 230 V AC

Rating:

- C720: 370 W
- C746 ER: 300 W
- C844 ER: 650 W

Gate speed: 9 metres/min

Magnetic end stops

Easy installation

All our Robusta Plus gates are fully pre-wired and ready to be quickly installed by professionals. The gear rack is mounted on the beam (except for openings exceeding 10 metres).

The motor is mounted on a plate for attachment to the guiding post bridge.

In the event of a power failure, the motor can be disengaged to enable manual opening.

CE marking

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ROBUSTA PLUS TECHNICAL SPECIFICATIONS

Type	R1000	R1500	R1500	R1500	R2000
Free passage	3 to 6 metres	3 to 6 metres	> 6 to 9 metres	> 6 to 9 metres	> 9 to 14 metres
Use	Normal'	Intensive	Normal'	Intensive	Intensive
FAAC motorisation type	C720	746 ER 16	C720	746 ER 16	844 ER 16
Controller reference	E720	780D	E720	780D	780D
Connections	433 MHz				
Number of photocells	1 set	2 sets	1 set	2 sets	2 sets
Photocell heights (hardwired)	180 mm	180 and 900 mm			
Pressure strips	Active or optical (Fraba), according to motorisation				
Number of pressure strips on guiding post bridge	2				4
Gate wing head pressure strip	Passive	Active and optical (Fraba)	Passive	Active and optical (Fraba)	
Pressure strip on beam at the rear of the gate wing	Impossible				
Revolving light	24 V	230 V	24 V	230 V	230 V
Area lighting	Not supplied, optional				
Number of remote-controls supplied, 2 channels	2				
Number of controls available for dry contacts	2				

Normal use': max. 30 cycles per day.

