



ADVANTAGES

THE INGENUOUS DRIVE FOR LARGE SLIDING GATES



400 V motor, 230 V mains connection



Soft start and soft stop



Height-adjustable gear unit



Certified according to gate product standards



The post also doubles as the support post for the gate



Robust aluminium housing with a door



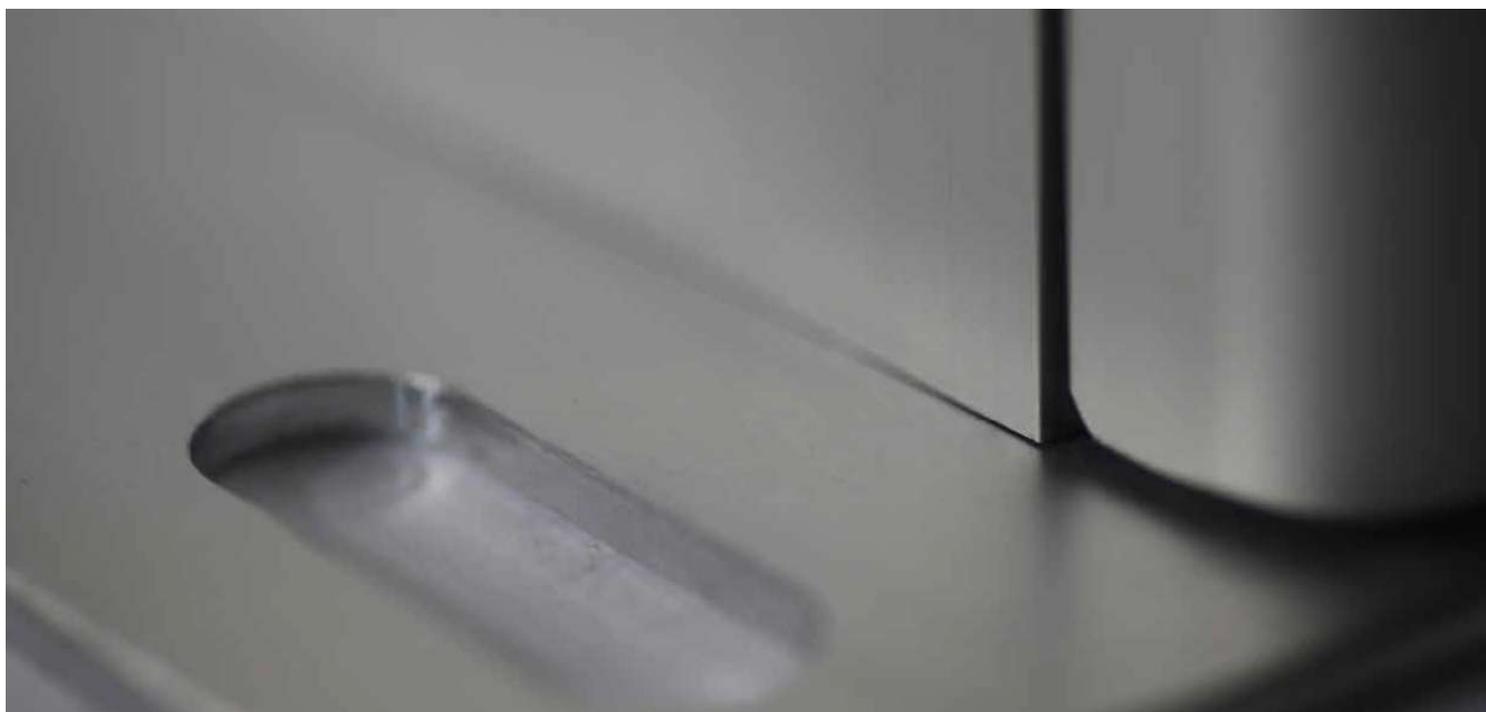
Frequency converter control panel as standard



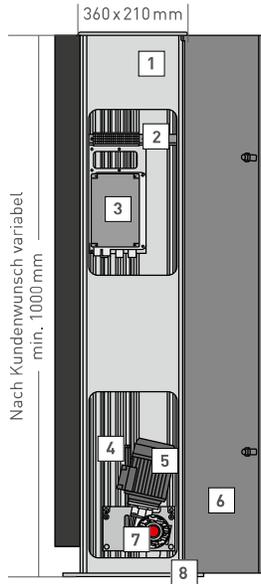
Height to customer's demand



High duty cycle



TECHNICAL DATA



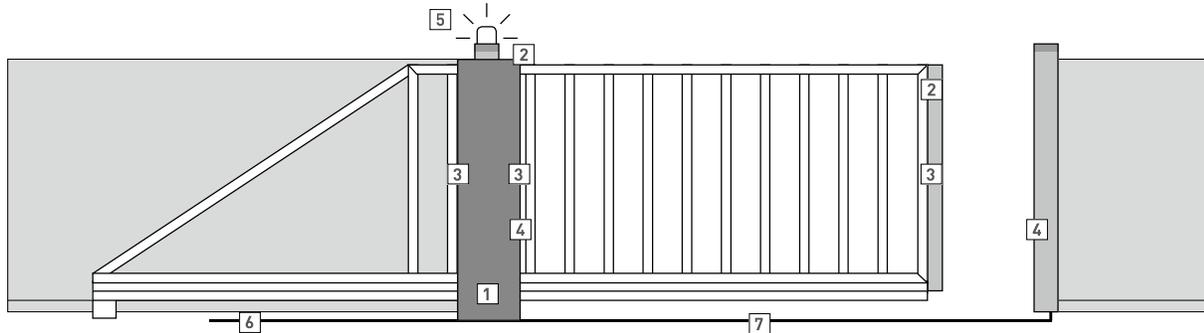
- 1 Anodized aluminium profile
- 2 Terminal block
- 3 Control panel
- 4 Threaded spindle for height adjustment
- 5 Height adjustable motor with gear
- 6 Door
- 7 Emergency release
- 8 Base plate

GENIOS 1500-FR

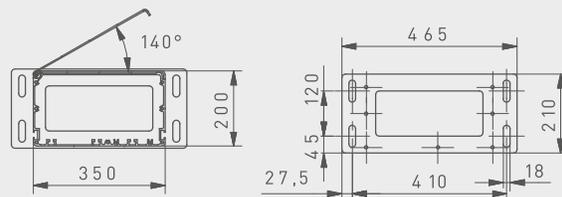
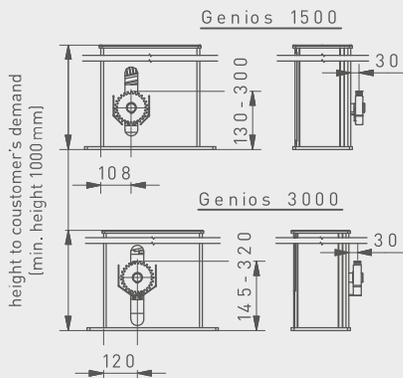
Mains supply	230V/50Hz
Current	1,9A
Motor capacity	370W
Duty cycle	90%
Opening speed	20, 25, 30cm/sec.
Forces	1500 N
Max. gate width	15m
Max. gate weight	1500 kg

GENIOS 3000-FR

Mains supply	230V/50Hz
Current	4,0A
Motor capacity	550W
Duty cycle	90%
Opening speed	20 cm/sec.
Forces	3000 N
Max. gate width	25m
Max. gate weight	3000 kg



- 1 Sliding gate drive post Genios FR-Series
- 2 Wireless transmission, Order no. 620-F-100 (receiver)
Wireless transmission, Order no. 620-F-100 (transmitter)
- 3 Safety edge, Order no. 610-55
- 4 Photocell, Order no. 6013-EA (4x0,8)
Photocell, Order no. 6013-EA (2x0,8)
- 5 Warning light, Order no. 326-3 (3x1,5)
- 6 Mains supply, 230 V
- 7 Cable duct Ø 70



PRODUCT DESCRIPTION



SLIDING GATE DRIVE POST GENIOS-FR-SERIES

Robust sliding gate drive post made from 4 mm thick enclosed box-type profile with stiffening ribs, with outside dimensions 350 mm x 200 mm. A door over the full height of the post ensures that the technology is safely locked away and easily accessible.

The post is simultaneously the supporting post for the sliding gate and the gate driver, with plenty of room for incorporating additional devices, such as an induction receiver, a time switch and miscellaneous other items. The height of the integrated geared motor is adjustable.

The integrated frequency converter control panel provides a soft start and a soft stop, the supply voltage is 230V, the motor voltage 400V. This makes an unusually high torque available, even during a soft start.

A password is used to increase the running speed from 200 mm/sec. to 250 mm/sec. or even 300 mm/sec. This means gentle gate operation and a very low noise level.

A two-line display simplifies operator programming, indicates functions and connected control and safety elements and assists troubleshooting by phone. The maintenance interval is set by a password and the system highlights a maintenance schedule in good time. Safety edges and photocells can be directly connected and loop detection is integrated. Automatic closure, partial opening and many convenience functions come as standard.

The duty cycle is 90%. Post height 1800 mm.

GENIOS 1500-FR

Max. gate weight	1500 kg
Max. gate width	1500 cm
Typical opening speed	20 cm/sec.
	25 cm/sec.
	30 cm/sec.

Order no.:
Genios 1500-FR

GENIOS 3000-FR

Max. gate weight	3000 kg
Max. gate width	2500 cm
Typical opening speed	20 cm/sec.

Order no.:
Genios 3000-FR

GENIOS 1500-FR-50

Special version of the Genios 1500-FR.

Max. gate weight	600 kg
Max. gate width	1500 cm
Typical opening speed	50 cm/sec.

Order no.:
Genios 1500-FR-50

on request

POST EXTENSION

per centimetre or part thereof

Order no.:
TS-PS-L