



FACTORY • LOGISTICS
INFRASTRUCTURE • TRANSPORT
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AIRPORTS

MOTORISED SWING GATE

ACCESS CONTROL

FRIGG

Professional motorised swing gates for industrial applications

ADVANTAGES

CONSTRUCTION GATE WING

The Frigg swing gate has been developed for the Nordic climate. It is a fully welded, steel construction, hot dip galvanised as standard. The gate infill consists of welded vertical square tubes with a maximum distance between the bars of 100 mm. The swing gates are prepared for 3 strands of barbed wire as standard. Each wing is equipped with a pressure strip.

GATE POST

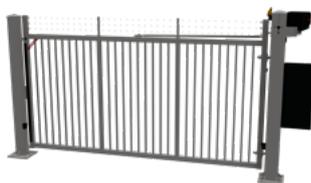
The gate posts are equipped with base plates as standard. The lubricated double ball-bearing hinges ensure durable and safe operation.

Post profile in 160x160x5mm or 200x200x5mm. The control cabinet, in powder coated steel, is mounted on the right gate post as standard (seen from outside). 1 pair of photocells as standard, additional photocells are available as an option.



FRIGG 2W

Motorised version in hot dip galvanised steel or powder coated as



FRIGG 1W

Motorised version in hot dip galvanised steel or powder coated as option.



COATING

Posts and wing are hot dip galvanised or additionally powder coated. The standard colors are RAL 9007, RAL 9005, RAL 6005. Other colours are available on request.

Hot Dip Galvanised Hot dip galvanised according to EN-ISO 1461.

Powder coating Posts and wing can be polyester powder coated as an option.
Thickness of powder coating: between 60 µm and 80 µm.

MODE OF OPERATION

Motorised with Halsang MJÖLNER control, incl. frequency modulator with smooth start and stop for optimal operation. Fully pre-assembled when delivered, allowing an easy and fast installation on site.

Once closed, the gate is locked by a magnetic lock. Remote control receiver and 1x 2-channel remote control sender unit are supplied as standard.

The FRIGG swing gates are available with 2 different motors sizes – Basic, Medium and Heavy (depending on opening width and/or geographical location). The powerful gate motors, with stainless steel and powder coated covers, are installed at the top of the gate posts. The intelligent controller (H102) offers numerous programming options, and is prepared for various access control alternatives, e.g. card reader, key switch etc.

Control and electronics are installed in a coated steel cabinet (RAL 9007), mounted at the right gate post (seen from outside). TÜV approved and in accordance with EN 13241-1.

MOTORISED DOUBLE SWING GATES

TYPE	Motor Pack	Material	Material	Opening	Height	Dim. Post	Gate Frame	Reinforcement	Filling
	MJÖLNER	Gate wing	Post	mm	mm	mm	mm	mm	mm
Frigg	Standard	HDG	HDG	4,000	2,000	160x160x5.0	80x60x2.0	60x60x2.0	25x25
Frigg	Standard	HDG	HDG	5,000	2,000	160x160x5.0	80x60x2.0	60x60x2.0	25x25
Frigg	Medium	HDG	HDG	6,000	2,000	160x160x5.0	80x60x2.0	60x60x2.0	25x25
Frigg	Medium	HDG	HDG	7,000	2,000	200x200x5.0	80x60x2.0	60x60x2.0	25x25
Frigg	Medium	HDG	HDG	8,000	2,000	200x200x5.0	80x60x2.0	60x60x2.0	25x25
Frigg	Heavy	HDG	HDG	9,000	2,000	200x200x5.0	80x60x2.0	60x60x2.0	25x25
Frigg	Heavy	HDG	HDG	10,000	2,000	200x200x5.0	80x60x2.0	60x60x2.0	25x25
Frigg	Heavy	HDG	HDG	11,000	2,000	200x200x5.0	80x60x2.0	60x60x2.0	25x25
Frigg	Heavy	HDG	HDG	12,000	2,000	200x200x5.0	80x60x2.0	60x60x2.0	25x25
Frigg	Standard	HDG	HDG	4,000	2,300	160x160x5.0	80x60x2.0	60x60x2.0	25x25
Frigg	Standard	HDG	HDG	5,000	2,300	160x160x5.0	80x60x2.0	60x60x2.0	25x25
Frigg	Medium	HDG	HDG	6,000	2,300	160x160x5.0	80x60x2.0	60x60x2.0	25x25
Frigg	Medium	HDG	HDG	7,000	2,300	200x200x5.0	80x60x2.0	60x60x2.0	25x25
Frigg	Medium	HDG	HDG	8,000	2,300	200x200x5.0	80x60x2.0	60x60x2.0	25x25
Frigg	Heavy	HDG	HDG	9,000	2,300	200x200x5.0	80x60x2.0	60x60x2.0	25x25
Frigg	Heavy	HDG	HDG	10,000	2,300	200x200x5.0	80x60x2.0	60x60x2.0	25x25
Frigg	Heavy	HDG	HDG	11,000	2,300	200x200x5.0	80x60x2.0	60x60x2.0	25x25
Frigg	Heavy	HDG	HDG	12,000	2,300	200x200x5.0	80x60x2.0	60x60x2.0	25x25

MOTORISED SINGLE SWING GATES

TYPE	Motor Pack	Material	Material	Opening	Height	Dim. Post	Gate Frame	Reinforcement	Filling
	MJÖLNER	Gate wing	Post	mm	mm	mm	mm	mm	mm
Frigg	Medium	HDG	HDG	4,000	2,000	200x200x5.0	80x60x2.0	60x60x2.0	25x25
Frigg	Heavy	HDG	HDG	5,000	2,000	200x200x5.0	80x60x2.0	60x60x2.0	25x25
Frigg	Heavy	HDG	HDG	6,000	2,000	200x200x5.0	80x60x2.0	60x60x2.0	25x25
Frigg	Medium	HDG	HDG	4,000	2,300	200x200x5.0	80x60x2.0	60x60x2.0	25x25
Frigg	Heavy	HDG	HDG	5,000	2,300	200x200x5.0	80x60x2.0	60x60x2.0	25x25
Frigg	Heavy	HDG	HDG	6,000	2,300	200x200x5.0	80x60x2.0	60x60x2.0	25x25

VIEW FROM OUTSIDE

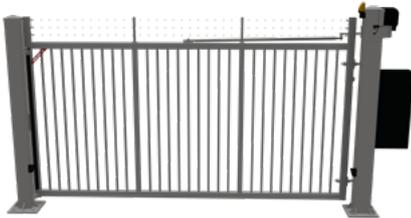


VIEW GATE OPEN



FRIGG 2W

VIEW FROM OUTSIDE



VIEW GATE OPEN



FRIGG 1W

FEATURES

- Completely welded steel construction in HDG version;
- Square tubular infill as standard 25x25x1.5 mm
- Easy access to the cabinet (coated in RAL 9007) for service and maintenance
- Max distance between the vertical bars 100 mm
- Max standard opening width 12 m (2-Wing)
- Max standard height 2.3 m (incl. 3 strands of barbed wire)
- Electro magnetic lock
- TÜV approved and in accordance with EN 13241-1

TECHNICAL DESCRIPTION

Power supply voltage	230V AC, 50 Hz
Power consumption	1,000 W
Current	10A
Feedback signal	Potential free contact – no/nc
Opening signal	Signal (max. 1 sec)
Operation environment	-25° to +50° C
Electromagnetic lock	Maximum load of 540 kg
Ground clearance	100 mm
Standard safety features	2 safety strips in accordance with EN standard 13241 1 pair of photocells 1 flashing light (orange) 2 emergency stop buttons Overload protection

OPTIONS

- Overclimbing protection
– toothed strip, spikes
- Halsang Monitoring system
- Fence connection strip on gate posts
- Induction loop detectors
- Powder coated in RAL paint colours.
- Special infill upon request
- Key switch
- Traffic light
- Illumination of free passage
- Gate wings and gate posts can be ordered separately
- Other dimensions on request