

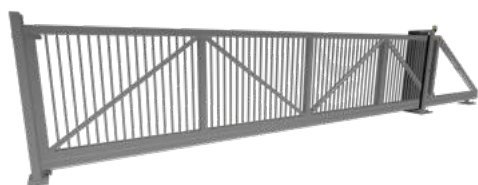


FACTORY • LOGISTICS
INFRASTRUCTURE • TRANSPORT
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CANTILEVER SLIDING GATE

ACCESS CONTROL

MAGNI



Motorised or manual versions in hot dip galvanised steel. Powder coated version as option.

Cantilever sliding gate for industrial applications with large opening requirements.

ADVANTAGES

CONSTRUCTION

THE WING

The MAGNI cantilever sliding gate has been developed for the Nordic climate. It is a fully welded construction with an underbeam made of specific C-profile (143x136x6mm). The welded gate frame consists of a square or rectangular horizontal tube and vertical square tubes (30x30 mm). The infill consists of welded vertical square tubes with a maximum distance between the bars of 100 mm. Prepared for 3 lines of barbed wire as an option.

THE GUIDE POST AND END POST

The standard double-sided end post is made of square tubes and is equipped with a catcher and base to guide and support the wing when the gate is closed. Guide post for automatic gates is equipped with powder coated steel cabinet (full height) to protect all electric connections and electronic devices.



Electrical cabinet with a Halsang H102 controller and frequency modulators



Roller set.



Motorisation Slepner and heating element.

GUIDE ROLLER SETS AND GUIDE ROLLERS

The wing is supported and guided by 2 roller sets with ball bearings under the beam. One roller set is mounted on the base plate of the guide post and the second independent roller set is installed at the rear end of the foundation. Both roller sets support the underbeam in order to guarantee perfect guiding of the gate wing.

Lateral guiding of the wing is done by 2 horizontal guide rollers with ball bearings; guide on the top of the guide post.

All rollers are made of high quality polyamide PA66. The material guarantees longevity and silent running of the gate wing.

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.

For automatic versions, the cabinet for electronic devices is powder coated in standard colour RAL 9007.

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

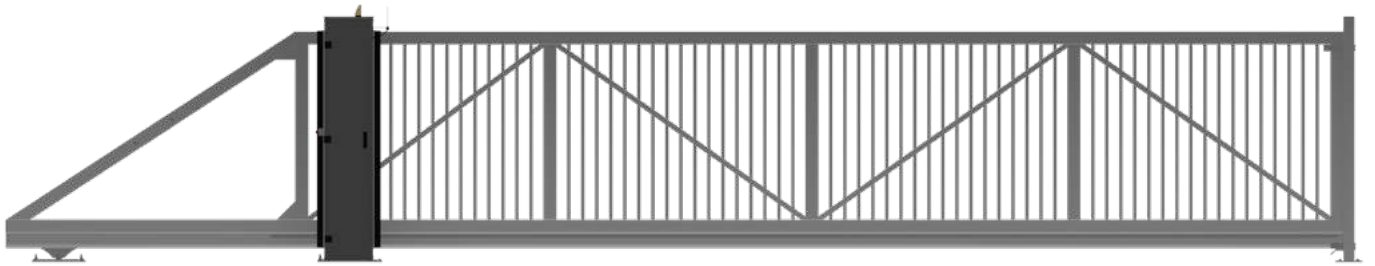
Motorised with Halsang SLEIPNER control, incl frequency modulator with soft start and stop for optimal operation. Fully pre-assembled when delivered, allowing an easy and fast installation on site.

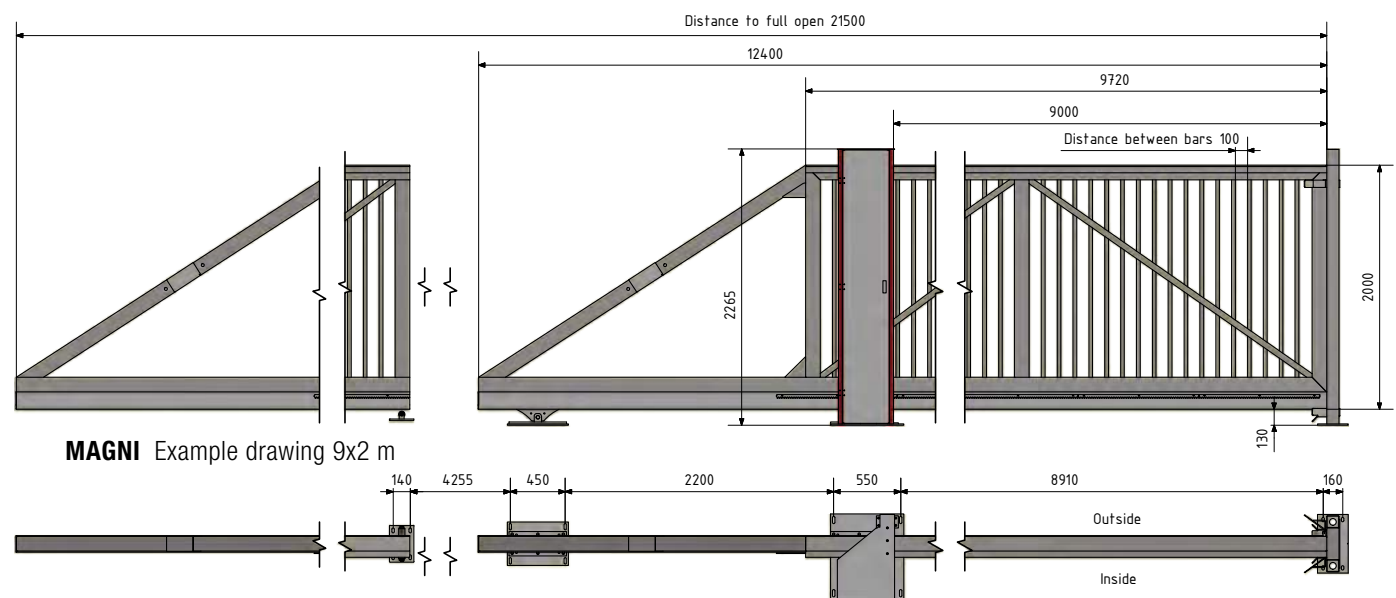
Steering and electronics installed in a full height cabinet. TÜV approved and in accordance with EN 13241-1.

For manual versions, the gates are equipped with a special lock for sliding gates made by Locinox, or prepared for a padlock.

FEATURES

- Completely welded reinforced steel construction in HDG version
- Square tube infill as standard 30x30x2mm
- Easy access to the cabinet (coated in RAL 9007) for service and maintenance
- Extra external support roller supporting the wing in open position
- Max standard opening width 16m
- Max standard height 2.0m
- TÜV approved and in accordance with EN 13241-1
- Other dimensions on request





OPTIONS

- Overclimbing protection – toothed strip on top of the leaf
- Halsang Monitoring system
- Fencing connection mounted on gate posts
- Inductive loop detector
- Powder coated in RAL paint colours.
- Special infill upon request
- Key switch
- Traffic light
- Illumination of free passage
- Others

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
Underbeam	143x136x6 mm
Guide/end post	100x100x3 mm
Gate frame	120x120x3 mm