

# INDUSTRIAL DOORS



Doors are practical and convenient solution for public areas with intense traffic, human or any other type of movement. You won't need any specific skills to use the doors, besides they will improve the heat insulation and technical use of the premises.



Door panels are made of two metal sheets that are filled with the top quality foam insulation to make the door leaf considerably stable, ensure higher heat resistance and longer lifetime.



Metal sections combination with fully glazed sections gives more light and elegant design.



Fully glazed sections – good to choose in special places to have excellent design.



## Accessories



Wicket door - industrial doors is possible to equip with wicket doors.



Now is possible low threshold for pass doors. This solution gives possibilities to run with trolleys inside without opening doors.



Industrial doors is possible equip with windows. This is priceless solution to have light inside.



Each door is equipped with slide bolt, which gives possibility to lock doors from inside.



Doors is possible to equip with lock, which gives possibility to lock doors from outside or inside.

## Doors operation types



With hand – good for small doors



With chain hoist – good for doors with height more than 3m



Electric operator – good for doors with intensive use



To avoid expensive and unexpected repairs during use, **important to know:**

- ✓ Intensity of use (opening and closing number of times) per day, which will ensure reliable operation and long-term goal;
  - ✓ Types of use - aggressive environments (Car washes, farms, chemical storage, etc.)
- Installed gates equipped with stainless steel fittings;
- ✓ Method of using/ staff;
  - ✓ The gate must be equipped with safety equipment to prevent damage to the gate and / or accidents.

M.K. International use only top quality materials. The quality of the door construction and safety has been tested by the Swedish National control and research institute. The doors comply with the requirements of the European Standard 13241-1.



The doors are produced in compliance with the CE requirements to prevent the door from slamming closed on fingers or dropping if the rope or the spring fails.



Torsion spring device prevents doors from failing after torsion spring crack.



Cable break device prevents door from failing in case of cable rupture.

## Loading equipment



### STA1 FU with CS 310 control - Enhanced speed frequency converter

Our opener with a frequency converter for 230V single-phase networks. The frequency converter generates the three-phase power supply required. As with the STA1 FU, this opener equipped with a maintenance release system and our new generation CS 310 external control unit as standard supply, they are all set to meet the toughest requirements.

The door speed and the soft run ramps can be optimally adapted to the sectional door fittings, to reflect the number of different cable drums.



### STA1 with CS 310 control - Perfect for spring-balanced sectional doors

Our STA1 opener is ideal for spring-balanced sectional doors. This is down to its specially-developed gears for this purpose, with a special motor that generates high power within a small space.

This opener has an extremely compact design with a slimline housing.

## Safety accessories

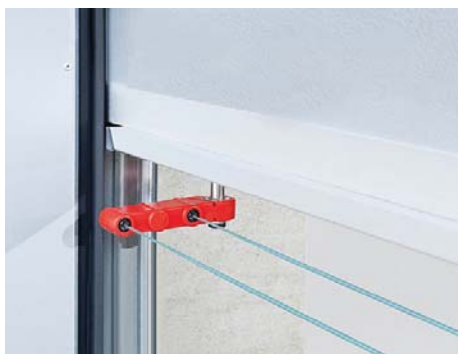


### Photocells

Are an additional way of securing industrial doors. A particular safety highlight is the LED contamination indicator, which allows functions to be reliably checked, and alerts users if the beam of light is not fully transmitted.



## Safety accessories



### Edge safety device

Same function as Optosensor closing edge safety device, but without contact. Thanks to the unique technology with telescopic photo barrier, which allows detect obstacle approximately 20cm below door leaf.



### Optosensor closing edge safety device.

The optosensor closing edge safety device enhances safety and effectively protects sectional doors from injury and damage. Optosensors are fitted in the rubber bar at the bottom of the door and react sensitively to obstructions of any kind.



### The emergency OFF switch

Is conspicuous and only knows one command: Switch off the opener in an emergency.



### Signal light

Signal lights draw attention to what is going on. If the door or barrier arm is moving, the signal lights flash or are light up. The use of LED technology makes for particularly energy-efficient lighting.



### Wicket door contact

A wicket door refers to a door which is integrated in a sectional door. The Marantec wicket door contact is fitted to the door leaf and verifies that the door is closed before the opener moves the door.

## Automation accessories



### Radio hand transmitter

Our traditional digital radio hand transmitters come with up to 4 buttons offering different functions, such as for controlling several doors and gates with one hand transmitter, even if the doors are equipped with an other-brand opener, or for switching on additional external lighting.



## Automation accessories



### Transponder system

The transponder system gives a number of users access to the door system. Doors and parking barriers can be opened by holding a chip card or a key fob in front of a sensor. The system can be designed for up to 30 or 2,000 users.



### Transponder key fob

Transponder system, doors or entrances can be operated touch-free using transponder code cards.



### Key switch

Is used to open the door from the outside with a key. The aluminium cover makes the key switch weatherproof.



### Induction loop detector

Induction loop provides a gate opening without a wall buttons, remote control commands or other employers. Enough to accommodate a buried circuit to open the gate. Popular stores with great intensity



### Code keypads

Allows to manage gates after entering the PIN.



### Push button

Push button allows operate doors up/down/stop. Additional – lockable.



### Ceiling pull button

Ceiling pul button allows operate doors pull by rope.



### Radar motion detector

Radar motion detector makes it possible to open the door without a code keypad, key or any other means. Only drive direction to the door, and they will open.



### Traffic control

At busy entrances controls traffic by red or green light. Good for underground garages with narrow way and without possibility see opposite entrance.





## Loading equipment



Dock levellers provide the smoothest path between the forklift or pallet truck and the trailer as they precisely align the differences in height between different trailer floor and storage facility floor.

Dock shelter protects the cargo from rain and dust during loading.



Dock house allows to fully use the whole area of the storage facility, save construction costs and minimize the costs related to maintaining optimal indoor temperature.

## PVC strip doors



PVC strip doors are perfect for separating one or several premises. They prevent dust and draught. The doors are made of highly flexible, chemical resistant material with low water absorption capacity, and therefore they can be used for numerous purposes. PVC strips are easy to adapt to various premises, they are resistant to cold and different mechanical movements. There are available different types of stripes for premises of different functional purpose.





Oversized rolls gates with a maximum size of up to 30 m in width, a height of up to 10m (wind class 2).