



# WIŚNIOWSKI



Sliding gates | Double-leaf gates | Wickets | Segments | Sport fences

## INDUSTRIAL FENCES



# Welcome to the world of **WIŚNIEWSKI FENCES**

When choosing an industrial fence by WIŚNIEWSKI, you receive a product designed and manufactured using modern technology, based on the know-how and years of experience of our designers, construction engineers, and specialists.

We make our products out of passion for systems of well-thought-out solutions, and our diligence in making them guarantees top quality. All the system elements are checked and tested, safety-certified and provided with a 10-year corrosion protection warranty.



## LONGEVITY

All WIŚNIEWSKI fencing system elements are rust-protected with top anticorrosive coating achieved by galvanising and powder painting. It is hot dip galvanising of a chemically cleaned construction that provides dozens of years of rust protection to WIŚNIEWSKI fencing system elements.



## DUPLEX SYSTEM – DOUBLE PROTECTION

Combined galvanised and varnish coatings in the DUPLEX system make WIŚNIEWSKI fencing serve considerably longer. In all weather conditions WIŚNIEWSKI fencing will look attractive. RAL colour palette application makes a selection of polyester coating colour easy.



## EFFICIENT PROTECTION

Galvanising is an efficient economically technique in terms of both production and maintenance. Galvanised fencing by WIŚNIEWSKI does not require surface maintenance for years. Rust-proofing no longer means expensive treatments as with traditional fencing. Galvanised steel may be recycled so it does not litter or burden the environment.



## PROOFED IN EVERY CONDITIONS

Galvanising by WIŚNIEWSKI complies with the European norm PN-EN ISO 1461 which guarantees proper quality of galvanised products. Galvanised coating is resistant to both high and low temperatures and UV radiation for best protection of steel surfaces.

\*WIŚNIEWSKI provides up to a 10-year warranty for corrosion protection of gates, wickets, segments, and posts processed by hot-dip galvanizing and powder coating.

# Safety

of the fenced property is not just about the confidence that the premises are protected around the perimeter. WIŚNIEWSKI industrial fences guarantee full safety of use. All the gates fitted with control devices provide high safety of use thanks to safeguards such as photocells, safety edges, signal lights, and a warning signal light. All our gates carry a CE marking in accordance with the PN EN 13241-1 European standard.



SAFETY



# Reliability

is the most important quality of moving elements whenever machine operation must be quick and effective. With WISNIEWSKI fence systems, you can be sure that the fence will provide everything it was designed to provide. It constitutes a protective enclosure, marks out the perimeter, and the automatic gates are an active barrier that operates efficiently as required by the user.

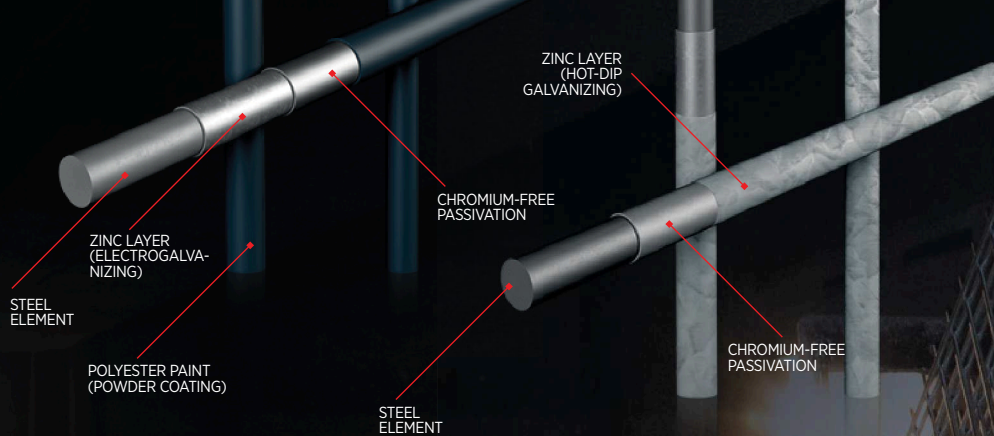


EFFICIENCY



 WIŚNIEWSKI





Mesh panel protected by:  
**electrogalvanizing and polyester coating**

Mesh panel protected by:  
**hot-dip galvanizing**

# Effective protection

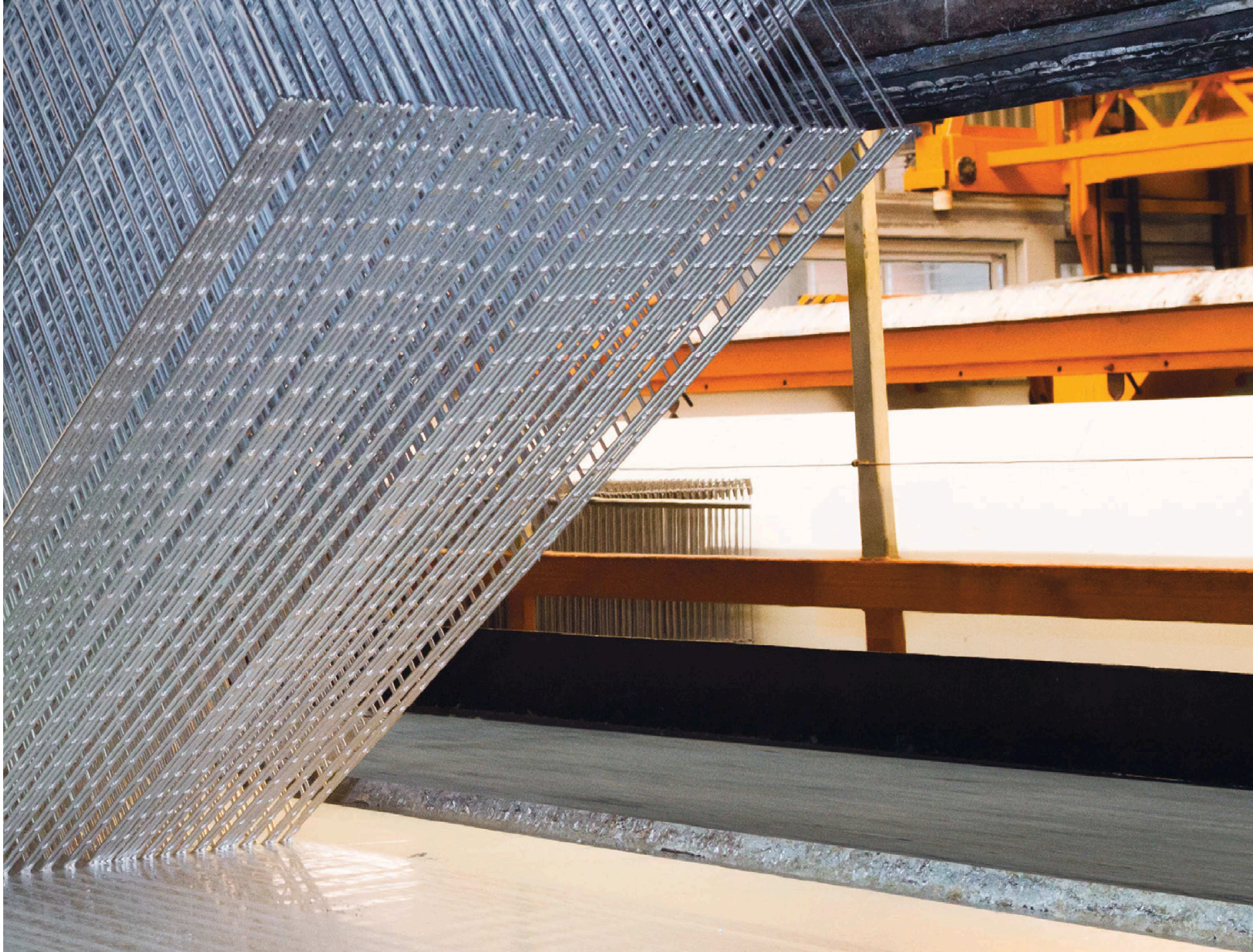
## Corrosion treatments

Galvanizing is an economically efficient technology both at the manufacturing stage and in long-term use. Galvanized industrial fences by WIŚNIOWSKI do not require surface treatment for many years. When in use, their elements do not have to be coated with the use of expensive products and complex renovation methods that traditional fences need. Depending on the type of the fence element, two galvanizing methods are used: hot-dip galvanizing and electrogalvanizing, which provide a great substrate for powder coating.

Galvanized steel is recycled and does not place a burden on the environment.



**ANTI-CORROSIVENESS**



# An abundance of colours

The range of RAL colours is a selection of over 200 catalogued traditional colours optionally available with WIŚNIOWSKI fences.

The paint coat is applied in automatic, modern, fence-specific powder paint shops. The special pre-treatment cycle for the substrate and a stable process of thermal fixing of the coating provides an exceptional finish. Yet above all, the powder coating technology provides high quality corrosion protection backed by our 10-year warranty for the WIŚNIOWSKI fences painted using the DUPLEX technology.



Blue  
RAL 5010



Green  
RAL 6005



Graphite  
RAL 7016



Grey  
RAL 7030



White  
RAL 9016

Standard colour range for industrial fences.



Standard RAL palette colours

# Sliding gates

## Reliable and efficient operation

A reliable and solid construction of the cantilever design lets you close off really big openings – up to 16 metres wide with a single sliding gate and up to 24 metres wide when two gates are installed opposite each other. Two opening directions are available: left and right, in manual or power operated versions. They are used when the forecourt is short, when the ground is elevated, and whenever double-leaf gates cannot be used.

Industrial sliding gates travel along the fence; for its installation and proper operation, free space is required on the side of the opening to enable free movement of the leaf.

WIŚNIEWSKI sliding gates are perfect for all types of private and industrial business activity. The gates are installed around industrial buildings, airports, ports, guarded car parks, around schools, kindergartens, shopping malls, etc.

### Special features

**The broad range of dimensions:** opening from 3 to 16 m wide.

**System-based product** – can be infilled with 25x25, 25x25 Caro, 18x30, tube  $\varnothing$  25 mm infills, VEGA B or VEGA 2D Super, VEGA SECURITY mesh panels or AW.10.77 infill.

**Safety** – available with the following operating modes: manual, Totmann, and Automatik.



EFFICIENCY

# Sliding gates

## Gate types

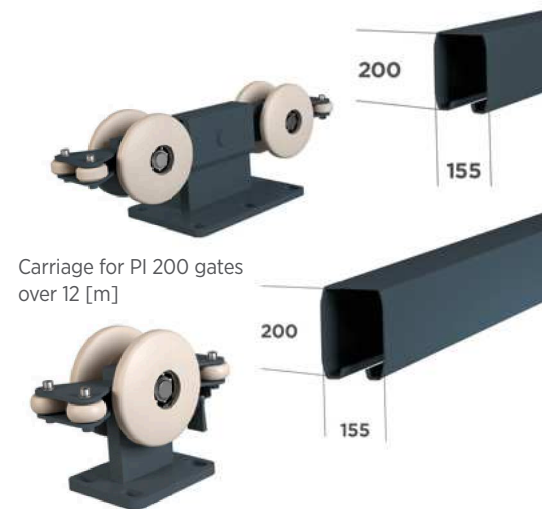
Industrial sliding gates are made of steel box sections. This modular, cantilever design has no welds at the joints of gate elements, which made it possible to eliminate possible corrosion centres.

Depending on the required clear opening width, 3 types of track beams are used: PI 95 (95x85), PI 130 (130x115), and PI 200 (200x155).



### PI 200 sliding gate

Gate with a drive in the high box



Carriage for PI 200 gates  
over 12 [m]

Carriage for PI 200 gates  
up to 12 [m]

# PI 200

## Available dimensions of PI 200 gates

Products are available in all sizes for the range provided in the table.

| Leaf height in [mm] up to | 8000<br>Width between posts in [mm] up to | 8500 | 9000 | 9500 | 10000 | 11000 | 12000 |
|---------------------------|---|------|------|------|-------|-------|-------|
| 2400                      | •   | •    | •    | •    | •     |       |       |
| 2200                      | •   | •    | •    | •    | •     | •     | •     |
| 2000                      | •   | •    | •    | •    | •     | •     | •     |
| 1700                      | •   | •    | •    | •    | •     | •     | •     |
| 1500                      | •   | •    | •    | •    | •     | •     | •     |
| 1200                      | •   | •    | •    | •    | •     | •     | •     |



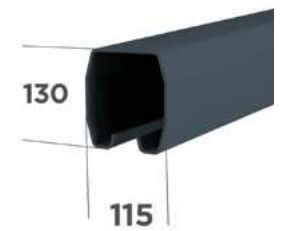




**PI 130 sliding gate**  
Gate with a drive in the high box



Carriage for PI 130 gates



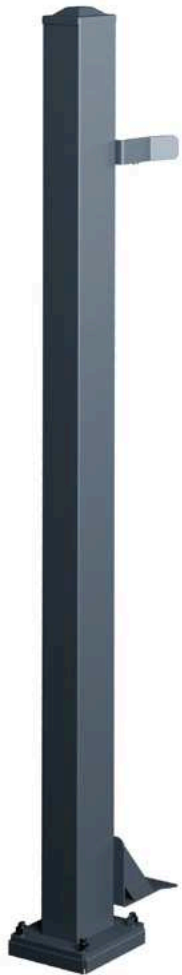
# PI 130

## Available dimensions of PI 130 gates

Products are available in all sizes for the range provided in the table.

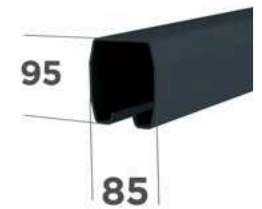
| Leaf height in [mm] up to | 6000<br>Width between posts in [mm] up to | 6500 | 7000 | 7500 | 8000 | 8500 | 9000 |
|---------------------------|---|------|------|------|------|------|------|
| 2400                      | •   | •    | •    |      |      |      |      |
| 2150                      | •   | •    | •    | •    | •    |      |      |
| 1950                      | •   | •    | •    | •    | •    | •    |      |
| 1650                      | •   | •    | •    | •    | •    | •    | •    |
| 1450                      | •   | •    | •    | •    | •    | •    | •    |
| 1200                      | •   | •    | •    | •    | •    | •    | •    |
| 1000                      | •   | •    | •    | •    | •    | •    | •    |





### PI 95 sliding gate

Sliding gate with a drive in the post

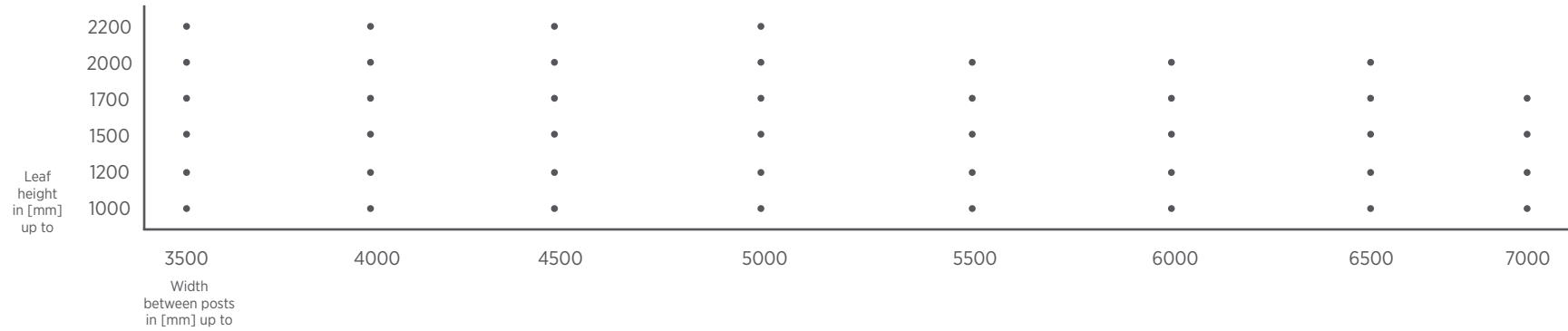


Carriage for PI 95 gates

# PI 95

## Available dimensions of PI 95 gates

Products are available in all sizes for the range provided in the table.



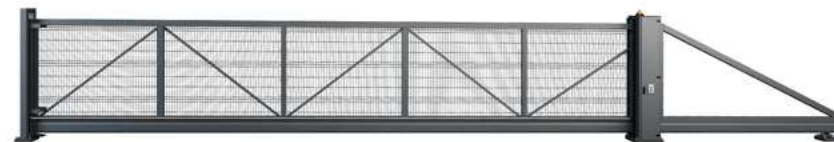
**PI 95 sliding gate**  
Manually operated sliding gate

# Sliding gates

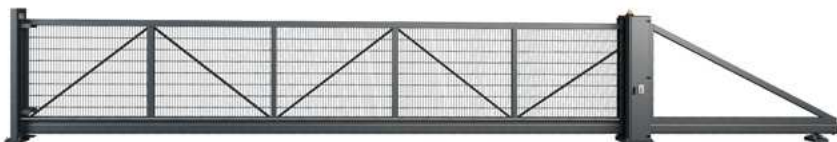
## Infill types



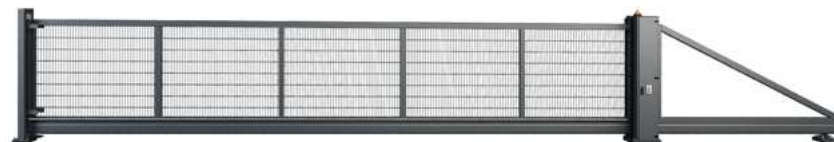
25x25 section infill



VEGA B mesh panel infill (screwed to the structure)



VEGA 2D Super panel infill (screwed panels)



VEGA 2D Super panel infill (welded to the structure)



Round tube section infill 25 [mm] (welded to the structure)



Section infill 25x25 [mm] in the Caro arrangement (welded to the structure)



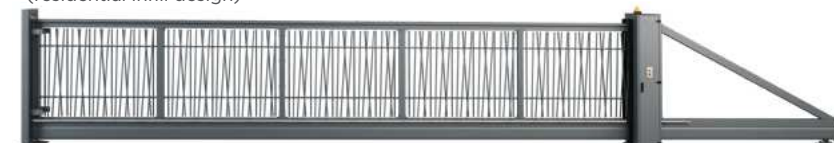
Profile infill 30x18 [mm] (welded to the structure)



Horizontal infill (shutter infill) made of formed sheet 0.75 [mm] thick (residential infill design)



Horizontal sheet infill 1 [mm] thick with 20 [mm] spacing between the panels (residential infill design)



**NEW**

AW.10.77 Infill. Round hollow section infill with a diameter of  $\varnothing$  25

# Sliding gates

## Automation solutions

A wide selection of drive units depending on the gate size and intended purpose. Our range includes drive units with various power output, speed, and duty specifications.

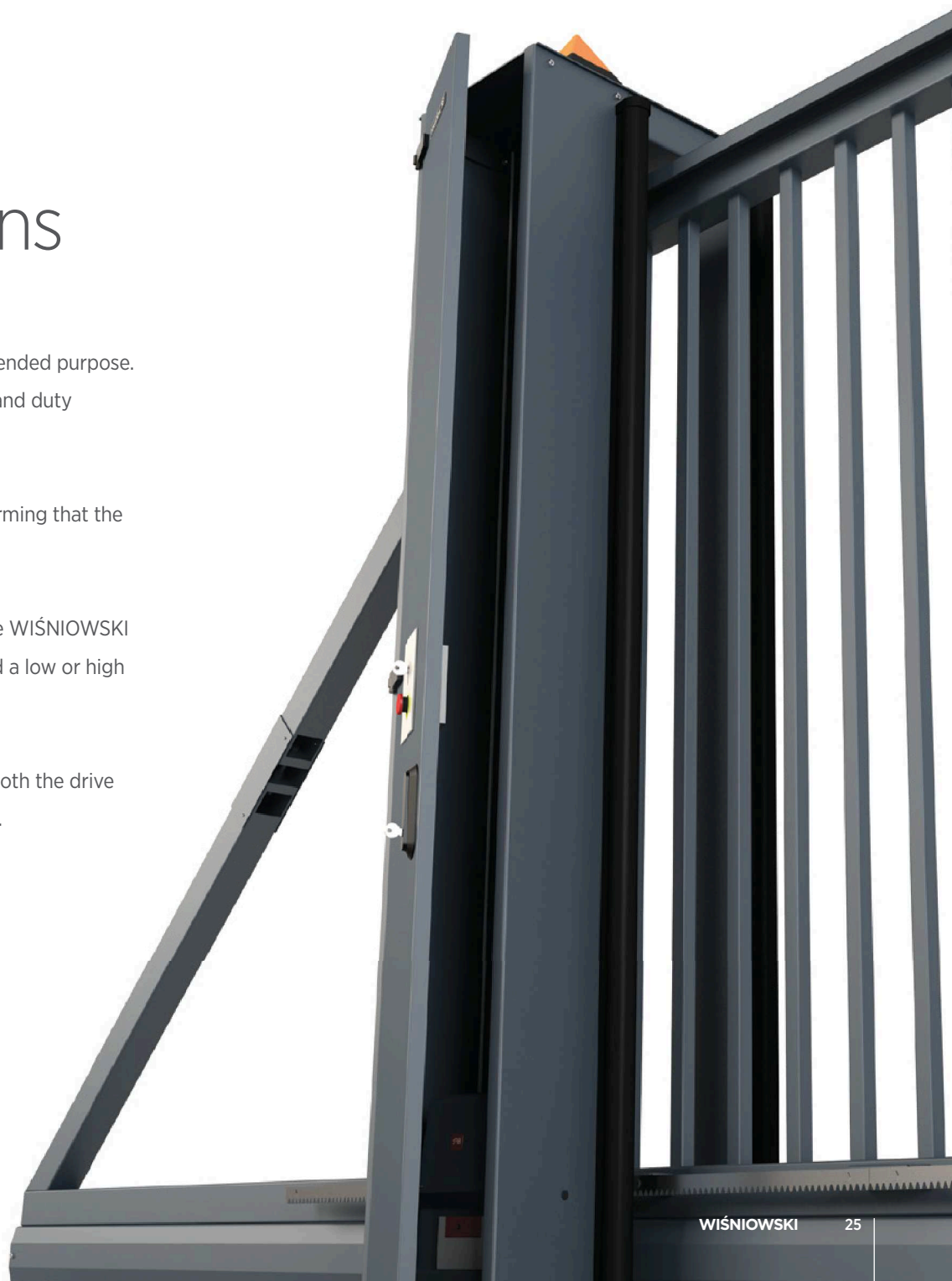
All the automatic gates by WIŚNIEWSKI carry a CE marking confirming that the products comply with the PN EN 13241-1 standard.

Optional integration of the drive unit is an important feature of the WIŚNIEWSKI sliding gates. We offer integration of the drive unit with a post and a low or high box.

The integration of the drive unit guarantees reliable operation of both the drive unit and the controller. It is also a proven solution preventing theft.



SAFETY



# Accessories

## Automation solutions

The PI 200 gates are available in the manually-operated and power-operated versions. The manually-operated version is fitted with a Locinox lock.

The automatic gate is not fitted with a lock, as the operating unit doubles up as a lock. The automatic gate is especially recommended for premises where the gate has to be frequently opened and closed. In this case, the automatic drive unit is a very convenient solution.

Depending on the required level of safety, the automatic gate is available in the Totmann (operated with a key switch) or the Automatik (operated with a remote control transmitter) version. Depending on the requirements, the automatic version is fitted with 3 safety edges (Automatik 1) or 5 safety edges (Automatik 2). The CE mark confirms safe operation of the PI 200 sliding gates in all conditions.



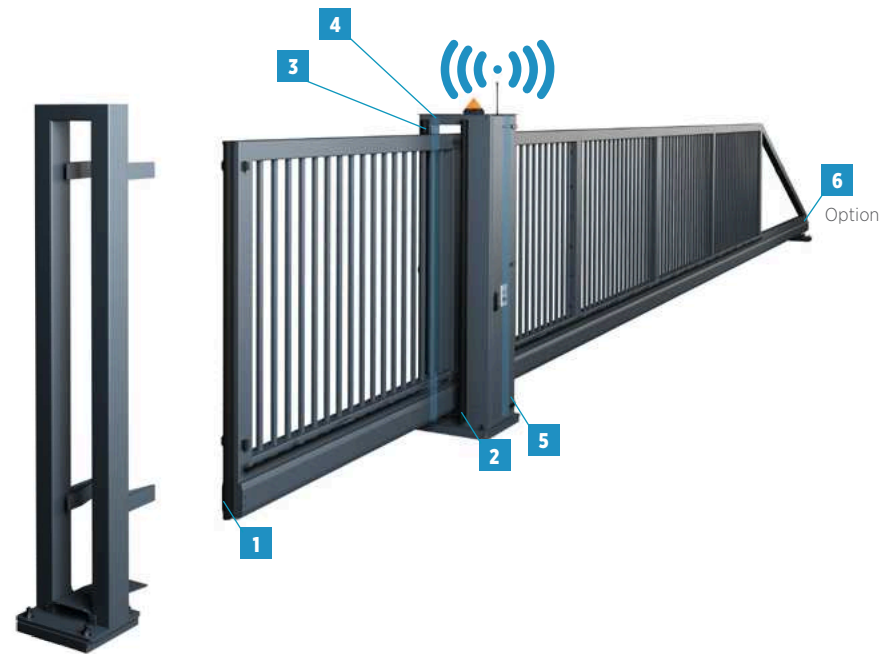
### The Totmann version

- Actuator
- Central control unit
- Warning lamp
- Key switch with an emergency STOP switch



### The Automatik 1 version

- Actuator
- Central control unit
- Radio receiver
- Transmitter for controlling the drive remotely
- Warning lamp
- External antenna
- Photocells
- Key switch with an emergency STOP switch
- **3 safety edges**
- Signal transmission system for transmitting the signal from the safety edge installed on the leaf



### The Automatik 2 version

- Actuator
- Central control unit
- Radio receiver
- Transmitter for controlling the drive remotely
- Warning lamp
- External antenna
- Photocells
- Key switch with an emergency STOP switch
- **5 safety edges**
- Signal transmission system for transmitting the signal from the safety edge installed on the leaf