



Faldivia®

trackless speed folding gate

The Faldivia trackless speed folding gate ensures that specific areas are closed off quickly. It is an extremely solid and rapid solution.



Benefits

Fast and safe

The Faldivia speed folding gate opens and closes with a programmable speed up to 1m per second. The gates open inwards as standard. Once closed, the gate is magnetically locked, meaning that it is highly suitable for entrances with significant security requirements. The speed folding gate is fitted with cutting-edge safety technology – it stops automatically if an obstacle is in the way. The large hinges ensure durable and safe operation.

Smart construction

The powerful gate motor is installed at the top of the post. The smart controls offer numerous programming options, as well as additional access control options.

Long lifetime

The gates are made out of steel, hot-dip galvanised (in accordance with EN ISO 1461) or hot-dip galvanised and powder coated. The gate is CE certified by TÜV for both the UK and all European markets.

Plug and play

Easy to install, the gate is delivered completely pre-assembled.

Product detail



Functionalities



Security level

(when compared to other **access control** options)



Wing frame and infill

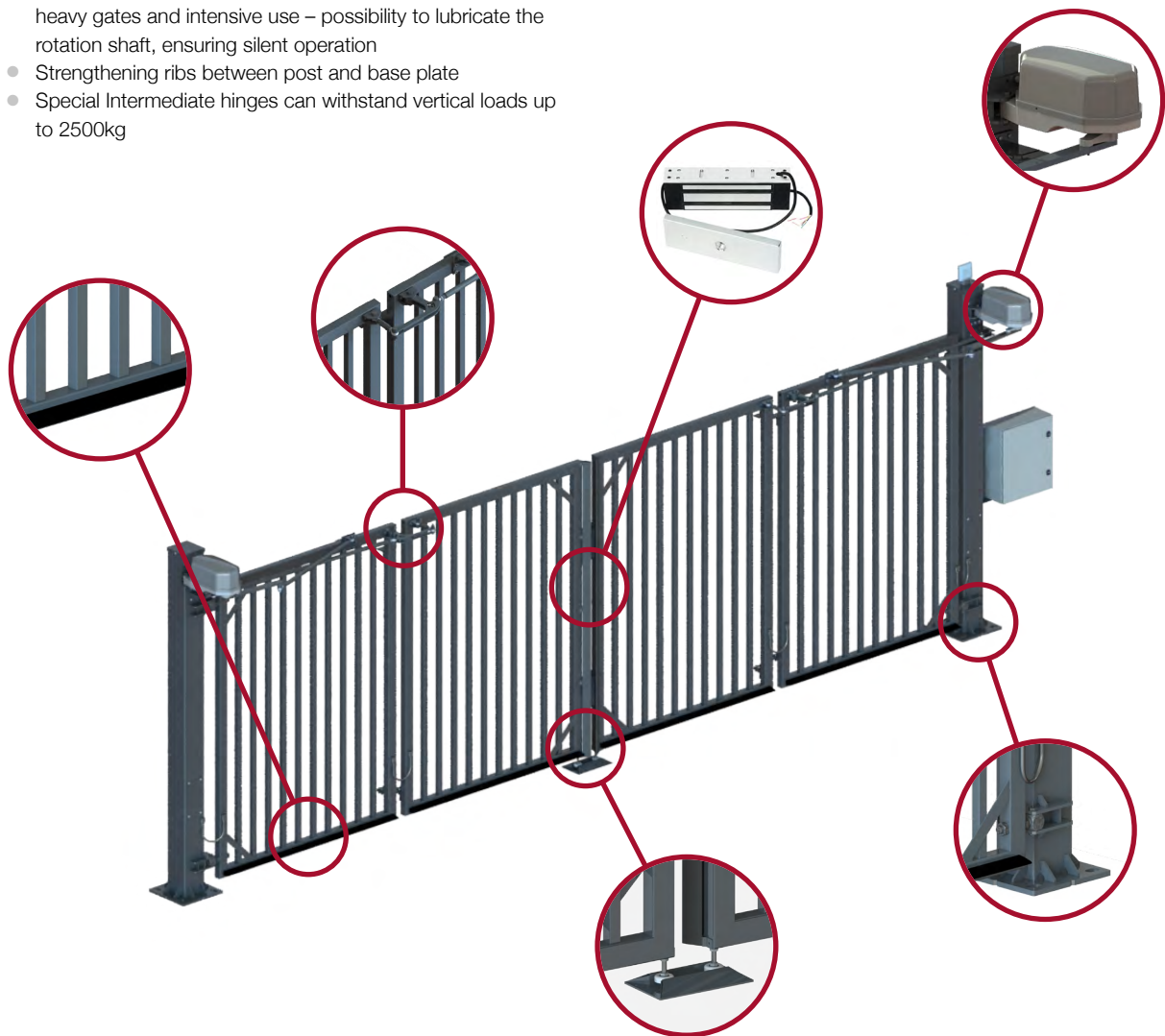
- The gate frame is 80 x 60mm or 100 x 100mm depending on opening dimension
- Standard infill consist of square bars 40 x 40mm with a maximum distance between the bars of 110mm
- Optional infills are possible with Nylofor 2D, 2DS or Securifor panels
- Gate width up to 12m
- Height up to 4m (with 8m width) – other dimensions are available on request

Posts

- Galvanised and plastic-coated posts, section 160 x 160mm or 200 x 200mm
- The guiding arms are made from steel tubes and are attached to ball bearings.
- Massive construction, with strong anti-corrosion finish and dual ball bearings ensure hassle-free operation under heavy loads
- Hinge rolled and milled from one single piece, designed for heavy gates and intensive use – possibility to lubricate the rotation shaft, ensuring silent operation
- Strengthening ribs between post and base plate
- Special Intermediate hinges can withstand vertical loads up to 2500kg

Features

- Electrical cabinet equipped with controller and frequency converters
- Additional optional access control elements – to be connected to the controller, such as an induction loop
- Worm gear motor with hollow shaft, cast housing
- Transmission via premium oil, meaning that operation is possible at very low temperatures
- Drive power: 0.37kW
- IP 68 Electromagnetic lock with maximum pressure of 540kg on closing, also keeps the gate in closed position
- No moving mechanical parts
- Automatic gate with warning light, safety strips and photocells
- For gates >6m, two electromagnetic locks are installed, with total max. pressure of 1080kg



Optional equipment

- Key switch
- Key pad
- Dental strip
- Fence connection on the posts
- Inductive loops plus loop detector
- Additional pair of photocells on separate columns
- Additional safety STOP buttons
- Additional remote controls
- Additional safety edges
- Traffic lights (red/green)
- Separate columns for access control
- GSM module for mobile phone opening
- Heating element
- Week/year clock
- LED light to illuminate the free passage
- Other options are available on request

CE marking

Standard steel gates, protected against corrosion by hot-dip galvanising in accordance with EN ISO 1461. The gate is CE certified by TÜV for both the UK and all European markets.

Coating technique



Faldivia speed folding gates are hot-dip galvanised and afterwards polyester coated with a minimum layer thickness of 60 microns. The guiding arms are galvanised and polyester coated.

Colours

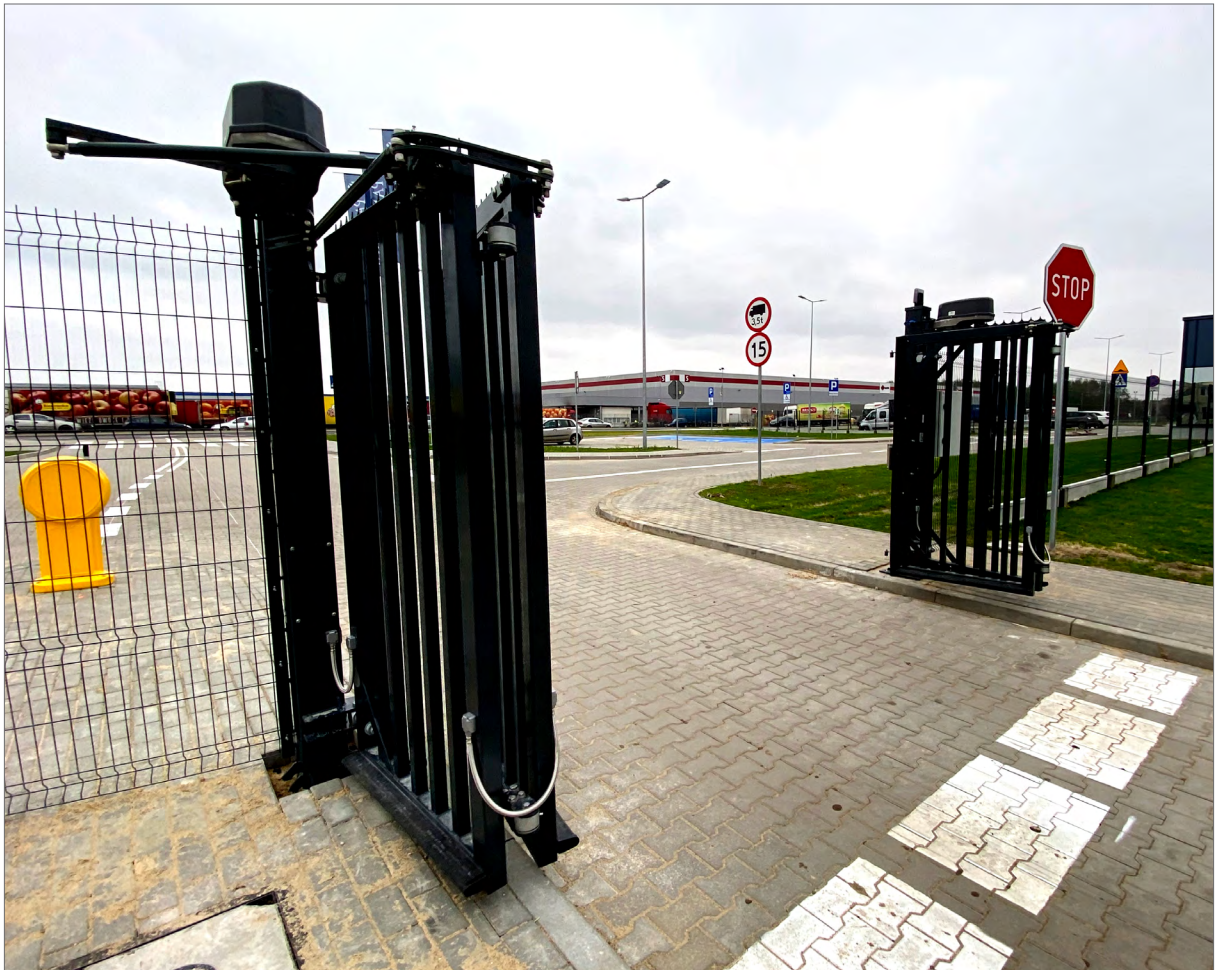
All RAL colours are available on request.

Faldivia® technical specifications	
Dimensions	Height: up to 4m (with 8 m width); width: up to 12m*
Free passage	2-12m
Opening/closing speed	Programmable speed up to 1m/s
External cabling	230V AC power supply
Electromagnetic lock	Maximum pressure 540kg (1080kg) on closing
Motorisation	Daab motor Drive power: 0.37kW Frequency controller
Posts	160 x 160mm or 200 x 200mm on base plate
Frame	Depending on the dimensions of the gate 80 x 60mm or 100 x 100mm Inner section: bars with 40 x 40mm with max. gap of 110mm
Opening between gate and road surface	Minimum 125mm
Colours	Available in a choice of RAL colours
Certification	CE certified by TÜV for both the UK and all European markets
Standard safety features	Six safety strips in accordance with EN standard 13241 Two pairs of photocells One flashing light
Technical specification	PN-EN 13241-1+A2:2016 Industrial, commercial and garage doors and gates - Product standard - Part 1: products without fire resistance or smoke control characteristics. Directives: 2006/95/EC; 2004/108/EC

* Free passage

Faldivia® range			
Width* (mm)	Height (mm)		
	2000	2400	up to 4000
Single gate – 1 W (two sections)			
2000	✓	✓	✓
3000	✓	✓	✓
4000	✓	✓	✓
5000	✓	✓	
6000	✓	✓	
Double gate – 2 W (four sections)			
4000	✓	✓	✓
5000	✓	✓	✓
6000	✓	✓	✓
7000	✓	✓	✓
8000	✓	✓	✓
9000	✓	✓	
10000	✓	✓	
11000	✓	✓	
12000	✓	✓	

* Free passage



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