

## Key Features

- ⦿ **Safety**  
(Compliant with BS EN 12453 standards for automated gate safety)
- ⦿ **Cantilever Design**  
(The leaf is seated on a track beam and does not contact the floor)
- ⦿ **Corrosion Resistant**  
(The gates are secured against corrosion by galvanising & PPC)
- ⦿ **System-Based Solution**  
(FFL 95 gates form a system of elements for access control)

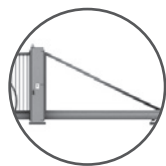
## Suitable For

- ⦿ Industrial Buildings
- ⦿ Airports and Ports
- ⦿ Schools and Nurseries
- ⦿ Guarded Car Parks
- ⦿ Residential



### Safety

Automated FFL 95 gates comply with BS EN 12453 Standards for gate safety.



### Cantilever Design

The FFL 95 gate features a cantilever design. The leaf is seated on a 95 x 85mm track beam and moves on carriages mounted to a concrete foundation. The gate does not contact the floor.



### Corrosion Resistant

FFL 95 gates are hot-dip galvanised or hot-dip galvanised and coated with polyester paint, securing them against corrosion.



### System-Based Solution

These gates form a system of elements for access control. When used together with industrial segments, mesh panels, posts and double-leaf gates, they form a complete system.

## Specification

<b>Material</b>	Galvanised Steel
<b>Infill</b>	Palisade
<b>Finish</b>	Polyester Powder Coated
<b>Colour</b>	A range of RAL colours is available
<b>Post Type</b>	Bolt Down

Gate Height	2.4m	✓	✓	✓	✓
	2.1m	✓	✓	✓	✓
	2.0m	✓	✓	✓	✓
	1.8m	✓	✓	✓	✓
		3.5m	4.0m	4.5m	5.0m
		Gate Width			

## What's Included - Hardware, Accessories & Fixings

Gear Rack (Fitted)  
Cantilever Carriages  
Bolt-Down end catcher post  
Full Height Motor Cabinet & Rear Support Post  
Top Support Roller System

## What's Included - Automation, Accessories & Safety

Heavy Duty Sliding Gate Motor with Built-In Control Panel  
Flashing Light  
Dual Height Photocells  
Key-Operated Switch with emergency stop button  
6 x Cat 3 safety edges  
2 x Remote Control Transmitters/Fobs  
Gate Mounted Safety Edge Transmission system  
External RF aerial

Available in standard colours: 6005, 5010, 7016, 7030, 7040, 9016, 8017 and 9005. Custom colours are available on request, as is a galvanised-only option.



Call our Expert Sales Team for more information.

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FIRST FENCE  
Automatic Gates

# TAILORED TO INDIVIDUAL NEEDS

## A BROAD RANGE OF DIMENSIONS:

- width range 3,500-7,000 [mm]
- height range 1,000-2,200 [mm]



LEAF HEIGHT (H) in [mm] to	WIDTH BETWEEN POSTS (So) in [mm] to							
	3500	4000	4500	5000	5500	6000	6500	7000
1000	+	+	+	+	+	+		
1200	+	+	+	+	+	+	+	+
1500	+	+	+	+	+	+	+	+
1700	+	+	+	+	+	+	+	+
2000	+	+	+	+	+	+	+	
2200	+	+	+	+				

# INTENDED USE

The FFL 95 cantilever sliding gate is intended for closing entrances with a clear opening width up to 7 metres, and if two gates installed opposite to one another are used (2x6m), an opening width up to 12 metres is possible.

Characteristics:

- 95 x 85 mm ground track,
- double guiding frame for manually-operated gates,
- a single receiver post (120x120),
- back frame for balancing the leaf when open (depending on the gate width ( $S_0 > 6,000\text{mm}$  and/or  $H > 2,000\text{mm}$ ),
- a power-operated gate with a drive integrated with the post closed with a cover,
- also available with an external drive.

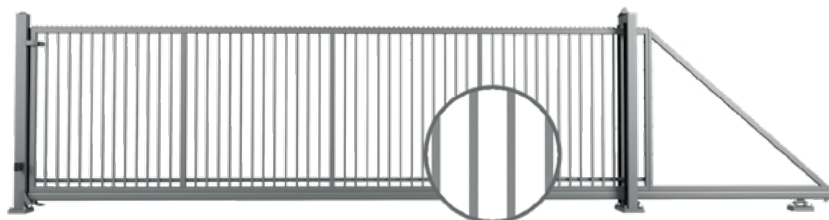
# RELIABLE CANTILEVER DESIGN

## GROUND TRACK

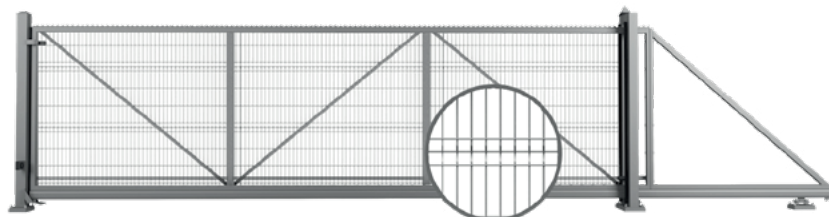
The FFL 95 gate features a cantilever design. The leaf is seated on a 95x85 [mm] ground track and moves on carriages.



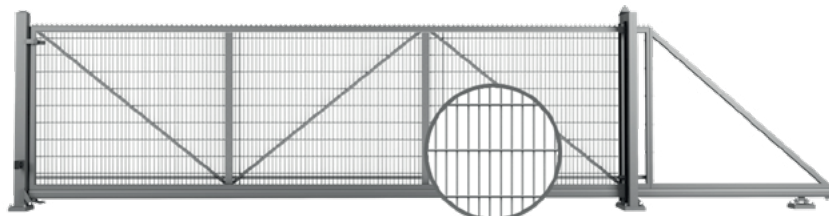
## EXAMPLE INFILLS AVAILABLE FOR CANTILEVER SLIDING GATES



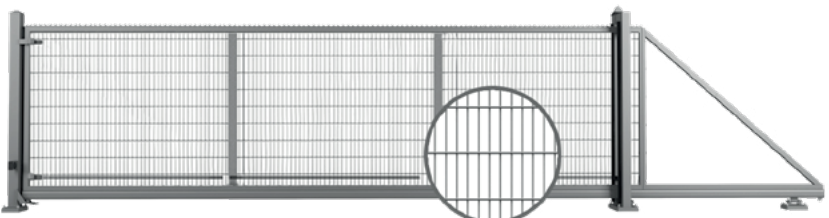
Sliding gate with an infill made of 25 x 25 [mm] box sections welded to the structure – view from the premises.



Sliding gate with an infill made of VEGA B mesh panels screwed to the structure – view from the premises.



Sliding gate with an infill made of VEGA 2D Super mesh panels screwed to the structure – view from the premises.



Sliding gate with an infill made of VEGA 2D Super mesh panels welded to the structure – view from the premises.

## NEW

### NEW SYSTEM INFILLS



Round tube section infill  $\varnothing$  25mm welded to the structure.

Also available as an extended infill.



Closed box section infill 25x25mm, CARO arrangement, welded to the structure.

Also available as an extended infill.



Closed box section infill 30x18mm, welded to the structure.

Also available as an extended infill.

## MODULAR DESIGN

The FFL 95 sliding gates are available in several infill designs.

The sliding gates are made of modules connected together with screws using fasteners designed and patented by WIŚNIEWSKI. The gate leaf up to 5,900 [mm] wide is a single module. In gates over 5,900 [mm] wide, the leaf comprises two modules. 60x40 [mm] sections are used for connecting the leaf modules. The assembly is screwed down to the ground track. This solution ensures superior corrosion protection, because individual modules are dipped in the galvanizing vat.

## COLOURS

### COLOUR RANGE

Standard gates are available in the hot-dip galvanized version or hot-dip galvanized plus polyester coating version.

Industrial gates are also available in other RAL colours.

RAL 5010	RAL 6005	RAL 7016
RAL 7030	RAL 9016	RAL 7040

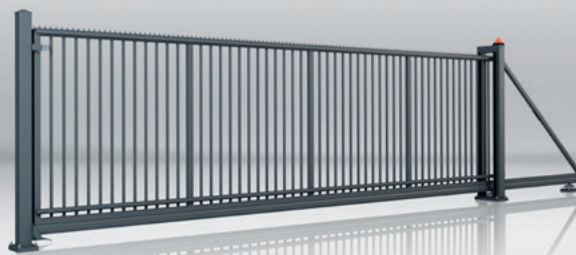
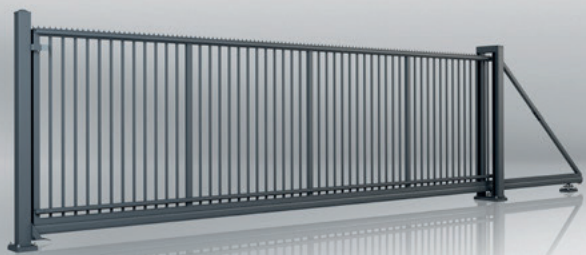


RAL palette colours

## SLIDING GATE TYPES

### MANUALLY-OPERATED GATE

### POWER-OPERATED GATE



## ACCESSORIES

### COMFORT AND SAFETY

The FFL 95 gates are available in manually-operated and power-operated versions. The automatic version 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 comfortable 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. The automatic version is fitted with 3 safety edges (Automatik 1) or 5 safety edges (Automatik 2).

The manually-operated version is fitted with a Locinox lock. In the automatic version, the automatic operating unit functions as the lock. Each FFL 95 gate whose width exceeds 6,000 [mm] or whose height exceeds 2,000 [mm] is fitted with a back frame which supports the gate in an open position.

	THE TOTMANN VERSION	THE AUTOMATIK VERSION
STANDARD ACCESSORIES		
ACTUATOR	☑	☑
CENTRAL CONTROL UNIT	☑	☑
RADIO RECEIVER	—	☑
TRANSMITTERS FOR CONTROLLING THE DRIVE REMOTELY – 2 PCS.	—	☑
SIGNAL LAMP	☑	☑
EXTERNAL ANTENNA	—	☑
PHOTOCELLS – 1 SET	—	☑
KEY SWITCH WITH AN EMERGENCY STOP SWITCH	☑	☑
SAFETY EDGES (AUTOMATIK 1 – 3 SAFETY EDGES; AUTOMATIK 2 – 5 SAFETY EDGES)	—	☑
SIGNAL TRANSMISSION SYSTEM FOR TRANSMITTING THE SIGNAL FROM THE SAFETY EDGE INSTALLED ON THE LEAF	—	☑
DIRECTIVES AND STANDARDS	THE FFL 95 GATES CARRY A CE MARKING IN ACCORDANCE WITH THE 2006/95/EC, AND 2004/108/EC DIRECTIVE ON BUILDING PRODUCTS AND COMPLY WITH THE EN 13241-1 STANDARD REQUIREMENTS	
*) ADDITIONAL MODULES HAVE TO BE USED.		
☑ STANDARD ACCESSORIES.   ● OPTIONAL ACCESSORY.   — NOT AVAILABLE.		

### STRUCTURAL POST

The structural post of the automatic gates is fitted with a AWso2018 Pro drive installed under a cover locked with an espagnolette type lock. The automatic gate can also be fitted with an external drive. In this version, the drive unit plate is screwed to the structural post.

### DRIVE UNIT INTEGRATED WITH THE POST (AWso2018 Pro)

A drive unit integrated with the post is a proven solution. The post protects the drive and the control unit against changeable weather conditions. The post lock secures the drive unit against unauthorized access and enables quick uncoupling of the drive in case of a power outage.



## WIDTH RANGES FOR DRIVES

THE WIDTH RANGE IS MARKED WITH IN GREY

GATE TYPE	DRIVE UNIT MODEL	4,000	5,000	6,000	7,000
FFL 95	BFT ARES ULTRA BT <sup>(1)</sup>				
	AWso2018 Pro				

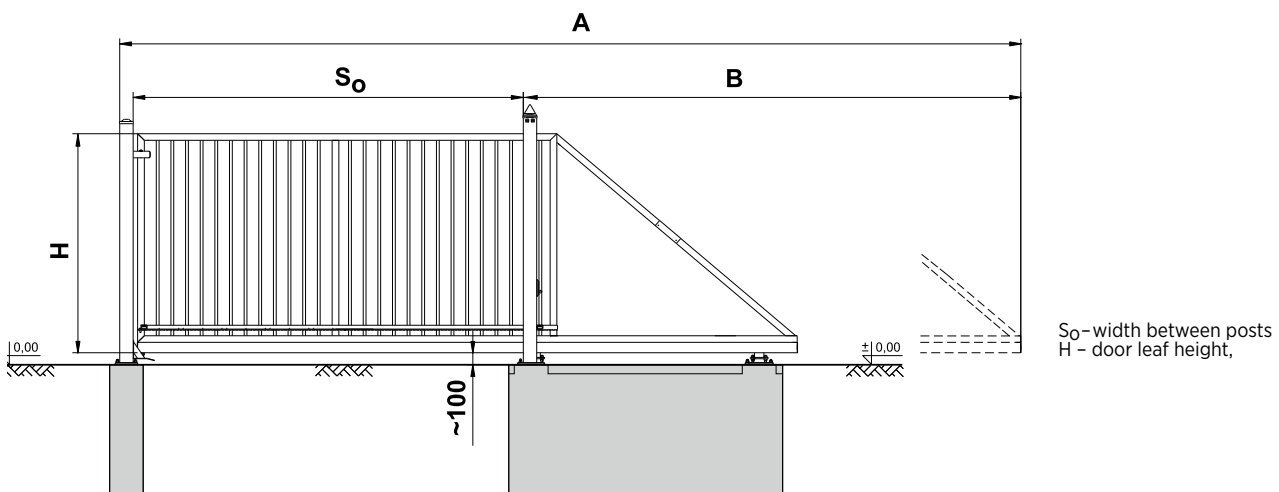
## DRIVE UNIT SPECIFICATION

GATE TYPE	DRIVE UNIT MODEL	MAX. NUMBER OF AC-TUATIONS PER HOUR <sup>(2)</sup>	MOTOR SUPPLY	MAINS	POWER CONSUMPTION	TRAVEL SPEED
FFL 95	BFT ARES ULTRA BT <sup>(1)</sup>	30	24V DC	230V AC	400 W	9 m/min.
	AWso2018 Pro	40	24V DC	230V AC	140 W	9 m/min

## ORDERED AND DESIGN DIMENSIONS, AS WELL AS INSTALLATION DIMENSIONS

### SLIDING GATE MOUNTING DIMENSIONS

The right hand gate, view from the premises (the ordered direction of the gate is the direction towards which the gate opens as seen from the premises).



GROUND TRACK DIMENSIONS [mm]	GATE ORDERING WIDTH (S <sub>0</sub> ) [mm] up to	CLEAR ENTRANCE WIDTH S <sub>j</sub> [mm]. MANUALLY-OPERATED GATE OR TOTMANN	CLEAR ENTRANCE WIDTH S <sub>j</sub> [mm]. AUTOMATIK GATE VERSION	GATE BOTTOM CLEARANCE [mm]	GATE STRUCTURE	SINGLE RECEIVER POST	TOTAL GATE LENGTH [mm]	TOTAL GATE LENGTH INCLUDING TRAVEL DISTANCE A IN [mm]
95x85	3,500	S <sub>j</sub> =S <sub>0</sub> -155 (+-10) mm	S <sub>j</sub> =S <sub>0</sub> -155 (+-10) mm	100	60x60	120x120	5,100	8,720
	4,000						5,800	9,920
	4,500						6,500	11,120
	5,000						7,000	12,120
	5,500						7,700	13,320
	6,000						8,200	14,320
	6,500						8,900	15,520
	7,000						9,400	16,520

Our automated gates will come fitted with Beninca Automation as standard, however other brands are available such as BFT, FAAC, Roger Technology.

Contact us to discuss your options by calling 01283 512111.



## GALLERY

