

WI with running wheels



WIŚNIEWSKI

GATES | WINDOWS | DOORS | FENCES

SLIDING GATE WI with running wheels

Intended use: The WI 120 and WI 200 gates are perfect for all types of private and industrial business activity areas.



SAFETY

The manually-operated and power-operated WI gates were awarded the CE mark, which confirms their compliance with the provisions of the PN-EN 13241-1 standard for industrial and residential gates.



SLIDING GATE

The WI 120 and the WI 200 gate with running wheels is a structure seated on steel wheels. The leaf moves along the running track fixed to the ground.



CORROSION RESISTANT

The WI gates are protected against corrosion by hot-dip galvanizing or by a combination of hot-dip galvanizing and coating with polyester paint. The Duplex products are covered by our 5-year corrosion protection guarantee.



SYSTEM-BASED SOLUTION

The WI gates with running wheels are part of a system of access control components. Combined with industrial segments (OPO201, OPO251, OPZ252, OPZH253), mesh panels (Vega B, Vega B Light, Vega 2D Super, and Vega 2D), posts, and double-leaf gates and wickets (Bastion, Modest, Gardia), they form a complete fencing system.



TAILORED TO INDIVIDUAL NEEDS

A BROAD RANGE OF DIMENSIONS:

- width range from 3,000-12,000 mm with dimensional increments of 100 mm.
- height range from 1,000-2,100 mm with dimensional increments of 50 mm.

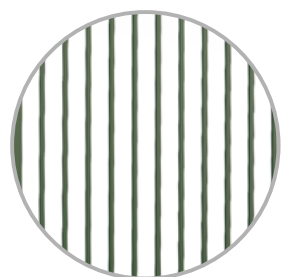


LEAF HEIGHT (H) in [mm] up to	WI 120 on a track 120x80x3					WI 200 on a track 200x80x4				
	WIDTH BETWEEN POSTS (So) in [mm] up to									
	3,000	4,000	5,000	6,000	7,500	8,000	9,000	10,000	11,000	1,2000
1,000	+	+	+	+	+					
1,250	+	+	+	+	+	+	+	+		
1,500	+	+	+	+	+	+	+	+	+	+
1,800	+	+	+	+	+	+	+	+	+	+
2,000	+	+	+	+	+	+	+	+	+	+
2,100	+	+	+	+	+	+	+	+		

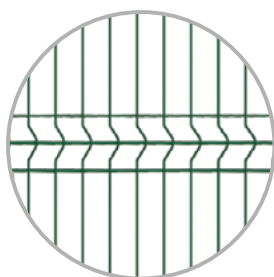
APPLICATION

The WI 120 and WI 200 gates are perfect for all types of private and industrial business activity areas. These gates are installed around industrial buildings, airports, ports, guarded car parks, around schools, kindergartens, shopping malls, etc. Sliding gates are also used on wide plots, where the gate can slide along the fencing. The gates are also frequently used when the driveway is short or if a hill prevents the use of double-leaf gates. Gates on wheels are a special sliding gate solution with a design that makes it possible to shorten the back part of the leaf, called the gate tail. In this solution, the amount of space required for the gate to slide is greatly reduced in comparison to cantilever gates.

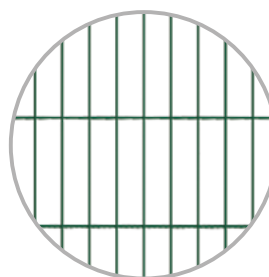
INFILLS



Profiles 25x25 mm, 18x30 mm,
25x25 mm (Caro)



Vega B panels
screwed to the structure



Vega 2D Super panels
welded to the structure



TYPES OF SLIDING GATES WITH RUNNING WHEELS

The WI gate with wheels is a heavy-duty, safe structure. The gates feature a robust frame and bottom beam with the width adapted to the gate dimensions. The following bottom beams are used: for gate WI 120 = 120x80, and for gate WI 200 = 200x80mm. Single, frame structural post; double post with widths over 10 m. Single, frame lock post.

The gates are available in a manually-operated and a power-operated version. The manually-operated version features a lock and a pull facilitating opening and closing of the gate.

In the power-operated version, the automatic operating unit is installed on a robust steel rack located on the structural post of the gate



Manually-operated gate with a single, frame, load-bearing post and a single receiver post.



Power-operated gate with a single, frame, load-bearing post and a single receiver post.



Power-operated gate with a double, frame, load-bearing post and a single receiver post. This structural version of the gate is intended for widths So over 10 m.



ACCESSORIES

COMFORT AND SAFETY

The WI gates on wheels are available in a manually-operated and a power-operated version. The power-operated gate is especially recommended for places 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 power-operated 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, it is fitted with 3 safety edges (Automatik 1) or 5 safety edges (Automatik 2)

	THE TOTMANN VERSION	THE AUTOMATIK VERSION
STANDARD ACCESSORIES		
ACTUATOR	☑	☑
CENTRAL CONTROL UNIT	☑	☑
RADIO RECEIVER	—	☑
TRANSMITTERS FOR CONTROLLING THE DRIVE REMOTELY - 2 PCS.	—	☑
SIGNAL LIGHT	☑	☑
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 WI GATES CARRY THE CE MARKING IN ACCORDANCE WITH THE 2014/35/EU, 305/2011 EC DIRECTIVES ON BUILDING PRODUCTS AND COMPLY WITH THE REQUIREMENTS OF THE EN 13241-1 STANDARD.	
☑ STANDARD ACCESSORIES • OPTIONAL ACCESSORY — NOT AVAILABLE		

The CE mark confirms safe operation of the WI 120 and WI 200 sliding gates on wheels in all conditions

WIDTH RANGES FOR DRIVES

Gate type	Drive unit model	3,000	4,000	5,000	6,000	7,000	8,000	9,000	10,000	11,000	12,000
WI 200	BFT ICARO ULTRA AC A2000										
	FAAC 844 ER										
	BFT Ares ULTRA BT A1500										
WI 120	BFT Icaro ULTRA AC A2000										
	FAAC 844 ER										
	BFT Ares ULTRA BT A1500										

The width range is marked in grey

DRIVE UNIT SPECIFICATION

Gate type	Drive unit model	Max. number of actuations per hour ^①	Motor supply	Mains	Power consumption	Travel speed
WI 120 WI 200	BFT Icaro ULTRA AC A2000	heavy duty operation	230 [V] AC	230 [V] AC	750 [W]	9 m/min.
	FAAC 844 ER	60	230 [V] AC	230 [V] AC	650 [W]	9.6 m/min.
	BFT Ares ULTRA BT A1500	30	24 [V] DC	230 [V] AC	400 [W]	9 m/min.

^① – Permissible number of actuations per hour. When the device operates in ambient temperatures of +40°C ...+60°C, the number of actuations should be alved.

BUILD A COMPREHENSIVE INDUSTRIAL FENCING SYSTEM



WIŚNIEWSKI fences are a system of solutions ensuring comprehensive protection of your property. Our residential and industrial product range includes modern steel, profile, and panel fences. Reliable, high quality, and durable, our fences also boast an elegant and stylish look. WIŚNIEWSKI's comprehensive offer makes closing off your property simple and reflects great care for safety, security, and appearance.

TAKE ADVANTAGE OF OUR COMPLETE RANGE AND BUILD YOUR OWN FENCE.



FENCE SYSTEM WITH THE WI SLIDING GATE WITH RUNNING WHEELS AND A WICKET, WITH A BOX SECTION INFILL 25 x 25 [mm]



FENCE SYSTEM WITH THE WI SLIDING GATE WITH RUNNING WHEELS AND A WICKET, WITH THE VEGA 2D SUPER MESH PANEL INFILL



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