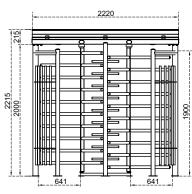
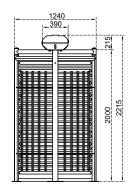
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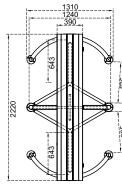
TECHNICAL SPECIFICATIONS



Dimensions (mm)







Technical Features

 Place of Use
 Indoors, outdoors

 Operating Temperature, Humidity
 -20°C/+68°C (opt. -50°C with heater positive), RH 95% non-condensing.

 Operating Intensity
 100%, 7/24 use.

Built on main carriers and supported with pipe beams on sides, consisting of waterproof and protected top lid with damper for safety. Can be completely disassembled.

A pair of three-section rotors (120°), each having 10+10 (11+11 in optional 2120 mm clear passage height) one by one demountable arms

Complies with UK H&S regulation of ≤98 mm gap between upright profiles.

Body / Arm Features

Combination options with different material choices:

		BTX 300 N1 D	BTX 300 N1 D-25	BTX 300 N1 D-100
ſ	Body	Electrostatic powder coating on hot-dip	Electrostatic powder coating on	304 grade (opt. 316 grade)
		galvanized steel	hot-dip galvanized steel	stainless steel
	Arms	Electrostatic powder coating on hot-dip	304 grade (opt. 316 grade)*	304 grade (opt. 316 grade)*
		galvanized steel, Ø42x2,5 mm.	stainless steel, Ø40x2,0 mm.	stainless steel, Ø40x2,0 mm.

System allows free passage (entry-exit) in both directions (fail safe). Optionally, can be set (fail secure) as; entry-exit locked, entry free-exit

Motor driven unit, wireless remote control (receiver-transmitter), manual control, manual override key (with fail secure option), counter

heater positive, canopy, bottom plate (standard or for forklift handling), battery back-up, 316 grade stainless steel, RS232-RS485-TCP/IP modules, limiter, 2120 mm clear passage height, mechanics compartment accessibility from the ceiling, different color choices.

(with/without reset), card reader mounting bracket, passage completion sensor, contactless passage sensor (for motorized models),

locked, or entry locked-exit free. Free passage in chosen direction by manual override key in fail secure option is available.

(*) Finishing : Satine brushed (opt. electrostatic powder coating on stainless steel)

() Finaling . Saune brushed (opt. electrostatic powder coating on staniess steel).		
Indicators / Illumination Status - Direction Indicators : 🚳 🗶 LED, standard/LED passageway illumination standard.		
Power	Operating Voltage : 110/220V AC 50/60 Hz. (±10%), 24V DC. Consumption : ~16,2W at stand-by, during passage ~7,6+7,6W (varies according to the options and accessories used).	
Operating Modes	System operates bi-directionally (entry-exit). Operation modes can be changed through dip switch, IOS and/or android app. Entry - exit controlled Entry controlled, exit free Entry free, exit controlled Single input both directions use Entry - exit free	
Operating System	Electromechanical manual operation (opt. electromechanical motorized operation).	
Control System	All functions, parameters and operating modes can be changed through the control board (microprocessor controlled), IOS and/or android app. Firmware can be updated. All past function updates and changes are kept in the server and records can be traced. All inputs are opto-coupler protected. Controllable by dry contact (ground control). Compatible with all kinds of access control device. Optional RS232, RS485 or TCP/IP module is available.	
Flow Rate	Passage capacity (manual) : max. 96 cycle/min. Nominal : ~50 pass/min. Passage capacity (motorized) : max. 80 cycle/min. Nominal : ~40 pass/min. (nominal passage rate can change depending on the access control system utilized)	
Emergency Mode	System allows free passage (entry-exit) in both directions (fail safe). Works compatible with fire warning and similar systems. At the end of an emergency situation, system returns to its normal operating mode.	

Power-off Situation

Optional Features and

Weight

Accessories