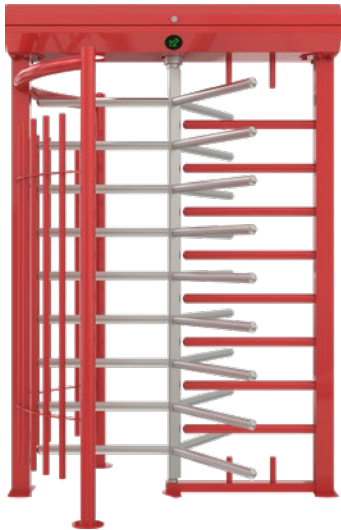
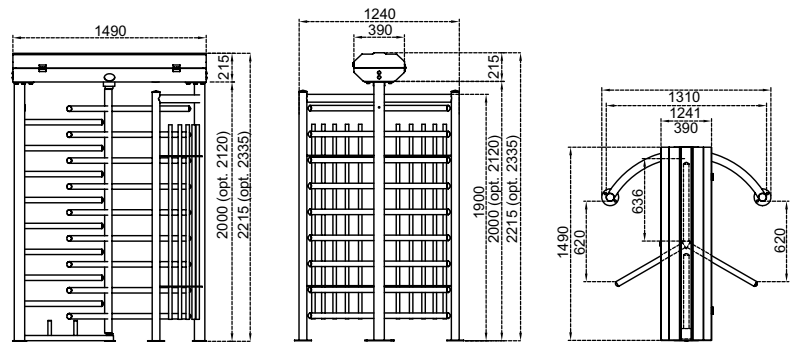


# BTX 300 N1



Dimensions (mm)



## Technical Features

<b>Place of Use</b>	Indoors, outdoors
<b>Operating Temperature, Humidity</b>	-20°C/+68°C (opt. -50°C with heater positive), RH %95 non-condensing.
<b>Operating Intensity</b>	%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.

Three-section rotor (120°), each having 9 (10 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.

Combination options with different material choices:

Body / Arm Features	BTX 300 N1	BTX 300 N1-25	BTX 300 N1-100
<b>Body</b>	Electrostatic powder coating on hot-dip galvanized steel	Electrostatic powder coating on hot-dip galvanized steel	304 grade (opt. 316 grade) stainless steel
<b>Arms</b>	Electrostatic powder coating on hot-dip galvanized steel, Ø42x2,5 mm.	304 grade (opt. 316 grade)* stainless steel, Ø40x2,0 mm.	304 grade (opt. 316 grade)* stainless steel, Ø40x2,0 mm.

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

<b>Indicators / Illumination</b>	<b>Status - Direction Indicators :</b> LED, standard/LED passageway illumination standard.
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<b>Power</b>	<b>Operating Voltage :</b> 110/220V AC 50/60 Hz. (±%10), 24V DC. <b>Consumption :</b> ~8,1W at stand-by, during passage ~7,6W (varies according to the options and accessories used).
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<b>Operating Modes</b>	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
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<b>Operating System</b>	Electromechanical manual operation (opt. electromechanical motorized operation).
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<b>Control System</b>	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.
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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.



<b>Flow Rate</b>	<b>Passage capacity (manual) :</b> max. 48 cycle/min. <b>Nominal :</b> ~25 pass/min. <b>Passage capacity (motorized) :</b> max. 40 cycle/min. <b>Nominal :</b> ~20 pass/min. (nominal passage rate can change depending on the access control system utilized)
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<b>Emergency Mode</b>	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.
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<b>Power-off Situation</b>	System allows free passage (entry-exit) in both directions (fail safe). Optionally, can be set (fail secure) as; entry-exit locked, entry free-exit locked, or entry locked-exit free. Free passage in chosen direction by manual override key in fail secure option is available.
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<b>Weight</b>	~190 kg
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<b>Optional Features and Accessories</b>	Motor driven unit, wireless remote control (receiver-transmitter), manual control, manual override key (with fail secure option), counter (with/without reset), card reader mounting bracket, passage completion sensor, contactless passage sensor (for motorized models), 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, trombone arms, different color choices.
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