

Technical Data Sheet

**Turnstile without roofing
Side elements with bar infill**



**Turnstile without roofing
Side elements with perforated sheet**



- Design:** two-directional and electrically lockable turnstile consisting of rotor, guide and deflecting element, top frame, bottom frame for installation with 200 mm lowered foundation as well as drive housing with drive and control unit
- Operating mode:** motor-assisted operation TOURNAMATIC – following release and manual triggering of the rotor the motor-assisted passage is executed, and the rotor is subsequently locked in the end position
- Function during power failure:** fail safe in exit direction, fail secure in entry direction (standard)
fail safe in both directions (optional)
- Throughput:** approx. 15 persons/min (single release)
- Dimensions:** H x L x W = 2630 x 1600 x 1500 mm
- Passage height:** 2140 mm
- Passage width:** approx. 620 mm between rotor and end post of guide element
approx. 700 mm between operating post and end post of guide element
- Rotor:** column made of round hollow section D88.9 with three rows of welded on trombone arms made of round hollow section D26.9, 120°
- Diameter rotor:** 1220 mm
- Posts:** 2 pcs. operating posts (= end posts of the deflecting element) made of rectangular hollow section RHS 150x100 for the installation of control devices
2 pcs. end posts of the guide element as well as 1 pc. centre post of the guide and deflecting element respectively made of rectangular hollow section RHS 150x100

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Guide element:	with curved side elements located on the left-hand side (standard) or right-hand side (optional) viewed from the outside
Deflecting element:	with curved side elements and deflecting arms D40 screwed onto the end posts at the inside and outside
Side elements:	with perforated sheet, round holes in straight rows, 40 mm hole width, 65 mm spacing
Drive housing:	with inspection door, opening upwards incl. cylinder sash fastener lock
Drive:	1 ~ 230 V Δ, 50 Hz gear motor in combination of 1 pc. indexing freewheel and electromagnetic brake with 1 pc. indexing freewheel and permanent magnetic brake (standard) or in combination of 2 pcs. indexing freewheels with 1 pc. electromagnetic brake each (optional)
Control unit:	WE-Tronic II with contactor board, installed in drive housing, control voltage 24 V DC start memory for high throughput efficiency, stop in end position preventing revving up of the rotor, automatic locking after elapsed time (time-out, adjustable 0-500 sec)
Supply voltage:	230 V (1Ph + N + PE), 50 Hz
Surface finish:	rotor: stainless steel V2A bottom frame: hot-dip galvanised guide element, deflecting element, top frame and drive housing: <ul style="list-style-type: none">• powder-coated in standard-colour (standard)• powder-coated in special RAL-colour (optional)
Standard colour:	RAL 6005 moss green, RAL 7030 stone grey, RAL 7035 light grey, RAL 7016 anthracite grey or RAL 9010 pure white
Options:	side elements with top and bottom rail made of flat material, vertical bar infill made of round hollow section D26.9 guide housing made of steel with aluminium door installation on FFL / without lowered foundation single shell canopy or Makrolon roof LED-illumination with or without twilight switch railing panel for multiple turnstile unit with single shell canopy or Makrolon roof table top push button with selector switch for free entry, free exit and blocked as well as push button for single release entry and exit push button single release, Lumitas-push button incl. LED-indication red/green, key switch single release, key switch free access, code key pad, proximity card reader, traffic light red/green, traffic light pictogram green arrow/red cross and intercom system
Weight:	approx. 660 kg (without roofing)
Temperature range:	-10 °C ... +50 °C