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## Technical Data Sheet

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**Turnstile without roofing  
side elements with bar infill  
guide element in straight design**



**Turnstile without roofing  
side elements with perforated sheet infill  
guide element in straight design**



<b>Design:</b>	two-directional and electrically lockable turnstile with bicycle sluice consisting of rotor, swing gate, fixed top gate panel, deflecting element, half-height guide element, top frame, bottom frame for installation with 200 mm lowered foundation as well as drive housing with drive and control unit  turnstile located on the right side viewed from the outside
<b>Operating mode:</b>	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  if the swing gate is triggered during the release time, it opens and closes automatically following the expiry of the hold open time
<b>Function turnstile during power failure:</b>	fail safe in exit direction, fail secure in entry direction (standard) fail safe in both directions (optional)
<b>Function bicycle sluice during power failure:</b>	fail secure in both directions
<b>Throughput:</b>	approx. 15 persons/min (single release)
<b>Dimensions:</b>	H x L x W = 2630 x 2500 x 1500 mm
<b>Passage height:</b>	2140 mm (turnstile)
<b>Push through height:</b>	approx. 1390 mm (bicycle sluice)
<b>Passage width:</b>	approx. 620 mm between rotor and half-height guide element (turnstile)
<b>Push through width:</b>	approx. 710 mm (bicycle sluice)

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<b>Rotor turnstile:</b>	column made of round hollow section D88.9 with three rows of welded on trombone arms made of round hollow section D26.9, 120°
<b>Diameter rotor:</b>	1220 mm
<b>Swing gate bicycle sluice:</b>	with horizontal bar infill made of round hollow section D26.9 and pictogram bicycle
<b>Fixed top gate panel bicycle sluice:</b>	with horizontal bar infill made of round hollow section D26.9
<b>Posts:</b>	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. centre posts made of rectangular hollow section RHS 150x100 and 2 pcs. corner posts made of square hollow section SHS 100
<b>Guide element:</b>	half-height, made of round hollow section D60 and D40, with sheet metal infill, straight design
<b>Deflecting element:</b>	with curved side elements and deflecting arms D40 screwed onto the end posts on the inside and outside
<b>Side elements:</b>	with perforated sheet, round holes in straight rows, 40 mm hole width, 65 mm spacing
<b>Drive housing:</b>	with inspection door, opening upwards incl. cylinder sash fastener lock
<b>Drive:</b>	1 ~ 230 V Δ, 50 Hz  turnstile: 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)  bicycle sluice: gear motor with indexing freewheel and spring-loaded brake
<b>Control unit:</b>	control unit LOGO, 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)
<b>Supply voltage:</b>	230 V (1Ph + N + PE), 50 Hz
<b>Surface finish:</b>	rotor, swing gate and guide element: stainless steel V2A  bottom frame: hot-dip galvanised  deflecting element, top frame, drive housing, fixed top gate panel and sheet metal infill of guide element: <ul style="list-style-type: none"><li>• powder-coated in standard-colour (standard)</li><li>• powder-coated in special RAL-colour (optional)</li></ul>
<b>Standard colour:</b>	RAL 6005 moss green, RAL 7030 stone grey, RAL 7035 light grey, RAL 7016 anthracite grey or RAL 9010 pure white

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<b>Options:</b>	side elements with top and bottom rail made of flat material, vertical bar infill made of round hollow section D26.9 guide element in curved design single shell canopy or Makrolon roof LED-illumination with or without twilight switch 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
<b>Weight:</b>	approx. 760 kg (without roofing)
<b>Temperature range:</b>	-10 °C ... +50 °C