OBJEKTSICHERUNGSANLAGEN • Die Manufaktur für Objektschutz nach Maß

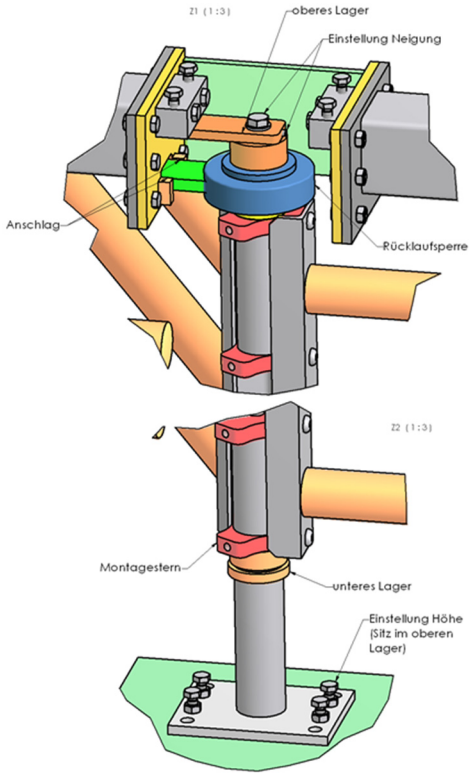
TORWERK

Turnstile Rondo-Park

Passage width 1.50 m

Turnstile Rondo-Park

RONDO turnstiles of the **Park** line are an ideal solution for outdoor access control when people, wheelchair and bicycle users as well as prams need to enter or leave an area within a short period of time. The purely mechanical **Turnstile RONDO 3 Park** allows visitors to pass in only one direction and is therefore particularly suitable for unguarded exits at swimming pools, sports facilities, parks, garden shows, and cemeteries. The RONDO turnstiles can also be individually adapted to your requirements with different material versions, locking variants, additional attachment parts, and extensions.



Attributes

- reliable securing of outdoor areas and open-air areas with a high visitor frequency
- purely mechanical design
- backstop for one-way operation only
- radial damper against the turnstile spindle overturning
- designed for 10 million person passages

Turnstile Rondo-Park

Applied for the extended person separation, especially in areas in need of protection:

- federal and state garden shows
- zoo and zoo gardens
- amusement parks
- cemetery administrations
- sports and leisure facilities

Versions / Names:
DKR-Rondo 3 Park: mechanical turnstile, rotatable in one direction

Specifications	**Single System**
Passage width	1,500 mm
Passage height	2,050 mm
Ground clearance	90 mm
Base area	approx. 3,200 x 3,200 mm
Overall height	2,400 - 2,500 mm
Partition	120°

Dimensional changes are possible under consideration of the local conditions.

The **turnstile** is manufactured as an assembly unit consisting of the frame bracket, the guiding elements, the locking brackets, the turnstile spindle and the locking device.

The **frame bracket** consists of at least four lateral uprights connected to upper support beams to accommodate the drive unit and, if necessary, a roof.

The **person guiding elements** each consist of a closed frame bent in a circle with a bar filling (bar spacing approx. 120 mm) and are arranged to the left and right of the turnstile on the frame bracket, whereby a person guiding element is provided with locking bars made of round tube.

The **turnstile spindles** consist of a turnstile axle made of round tube ∅ 100 mm and a sufficiently dimensioned neck and foot bearing. The locking arms made of round tube are straight (optionally bent into a hairpin shape) and are attached to the turnstile axle in 3 rows below 120°.

Easily accessible components: All components required for operation are accommodated inside the support beam. This simplifies assembly, commissioning and maintenance considerably.

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The control functions are:
- turnstile locked in both directions (mechanical lock with profile cylinder device)
- turnstile continuously open in one direction

Foundation plate as standard:
- 300 mm upper edge area
- pairwise arrangement of dowel holes and levelling screws for optimal alignment and perpendicular mounting

TORWERK – long-lasting corrosion protection in 4 steps:

The coating thickness is 260 µm, all requirements on corrosion protection stresses according to DIN EN 12944-2 of the category C4 (long protective effect) are met.

First-class surface haptics through:
- hermetically welded construction
- a surface free of zinc cavities
- no protrusion of flat ground weld seams (mitre corners) after zinc coating
- no warping caused by zinc blowholes in the surface

Environmentally friendly procedure:
- no use of solvents
- recycling of the overspray

Options:

Colour design / labelling:

Roof, supporting beams (drive), supporting columns and side elements can be designed in various RAL/DB colours.

The support beam can also be labelled with a door designation.

Turnstile Rondo-Park

Optional attachments:

- 500 x 220 mm add-on terminal with 450 x 175 mm front panel cut-out for communication elements in ergonomically adapted design and generous mounting space
- attachment is possible on the inside and outside or also as terminal arrangement stacked on top of each other.

Optional signallers:

- LED pictogram red cross/green arrow
- turnstile specification on the supporting beam

Controls:

- none

Roofings: When selecting the roof design, a distinction is made between the following versions:

- **round roof made of a light supporting frame, sheet metal filling and circumferential fascia**
- diameter 3,200 mm, height 80 mm
- drainage at the roof edges laterally via downpipe (nominal connection diameter DN 50)
- optionally with 2 flat LED lighting panels on the profile underneath the roof in combination with a twilight switch

- **round roof made of a light supporting frame and mesh filling as climb-over protection**
- diameter 3,200 mm, height 80 mm

Design of the person guiding elements:

- instead of bar filling, optionally closed sheet filling or perforated sheet filling in powder-coated version

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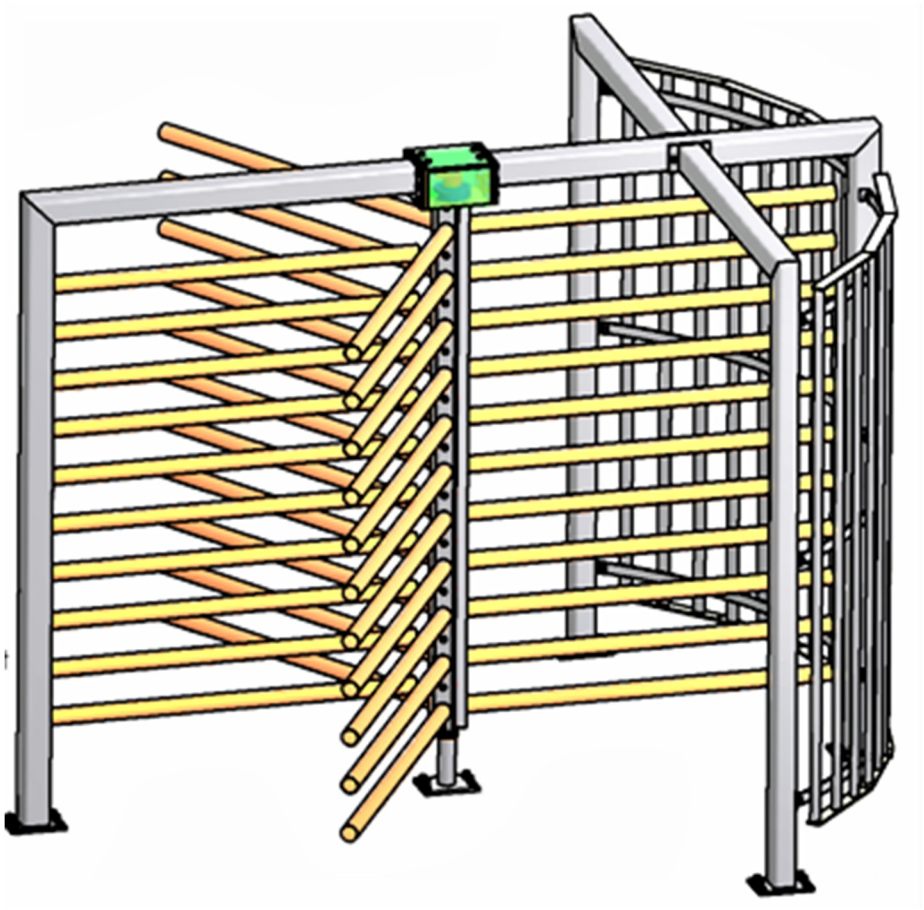
Torwerk- assembly service:

Each configured turnstile is supplied pre-assembled at the factory and ready for transport. The installers/assemblers must assemble individual assemblies of the turnstile on-site, align the assembled turnstile onto the foundation, level it using the adjusting screws, and anchor it with the dowels supplied. The turnstile is now ready for operation.



Construction and design: Siegmund Huth / Andreas Panek

Possible electrotechnical equipment: Stefan Carl / Matthias Martius

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Notes

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