



Forum

The motor-driven man-height rotating door Forum with a 120° pitch of the barrier element is entirely made of corrosion-free materials and is particularly suitable for barriers separating areas in office buildings as well as spas and leisure facilities.

Due to its fully transparent design, Forum has a particularly light appearance, blending in neatly with the surrounding architecture.

Forum is optionally suited for unidirectional or bidirectional operation.



Features

- Architecture-friendly Transparency
- Small Size
- Uni- or Bidirectional OperationSimple
- Selectable Entrance DirectionMounting
- High Durability
- Integrated Electronic Control
- Maintenance-free Mechanics
- Transition Counts

Application Areas

- Baths and Spas
- Plant Security
- Museums and Leisure Facilities

Models/Options

- Vertical Rotating Door, man-height

Options:

- Sensors for activation and extended misuse protection
- Blocked at power-down

Technical Characteristics

Power Supply:	24 V DC
Power Consumption:	max. 50 VA
Storage Temperature:	-40°C to +40°C
Operating Temperature:	+5°C to +50°C
Outer/Inner Width:	1.550 mm/735 mm
Length:	1.550 mm
Height:	2.282 mm
Weight:	230 kg
Reader Interface:	potentialfreie Kontakte
Material:	CrNi-Steel Type 1.4301 Perspex

Functional Description

In normal operation, an electric brake holds the drum in its blocking position.

Upon reception of a release signal from the reader system or an optional external manual control, the brake is released, allowing turning the drum in the preset direction.

Application of slight pressure triggers the driving motor, which turns the drum by 90°. Internal sensors prevent injuries from the turning bars running against the backs of passing pedestrians.

After completion of the transit, the turnstile sends a signal to the reader.

To avoid injuries in case of panic, a safety clutch allows manual turning of the blocked barrier elements with a force of 40 kN, emitting a warning sound.

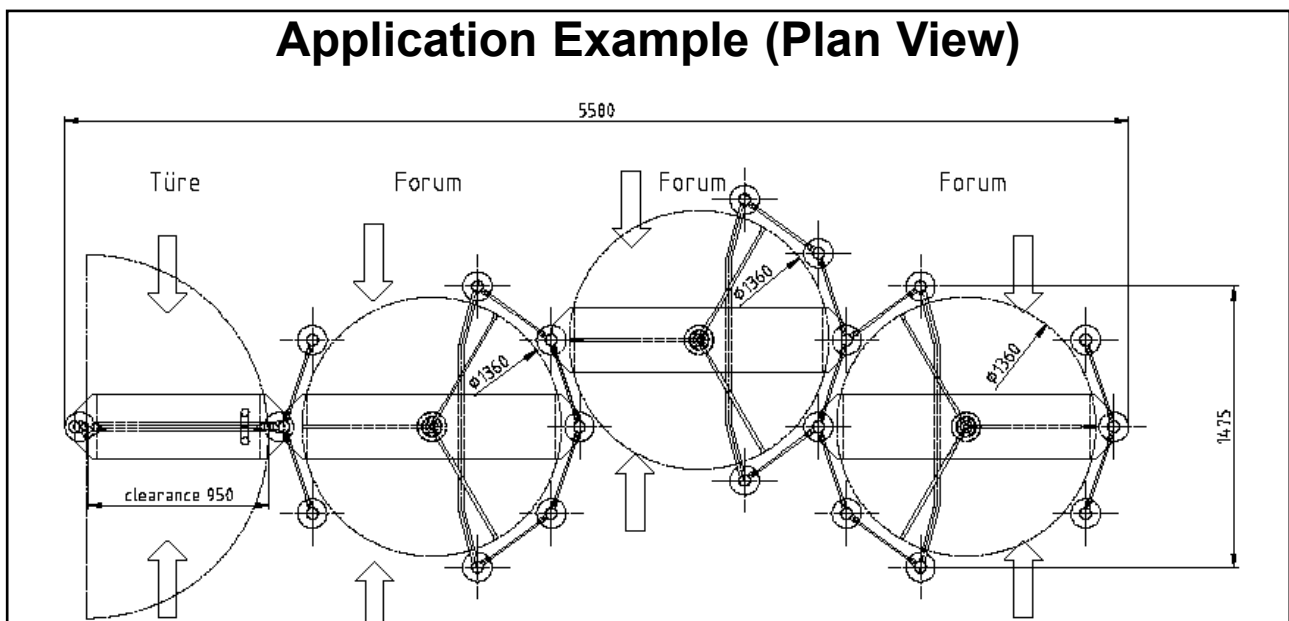
Powered off, the turnstile arms can be turned manually with little force.

The 120° pitch ensures high comfort and good separating of persons.

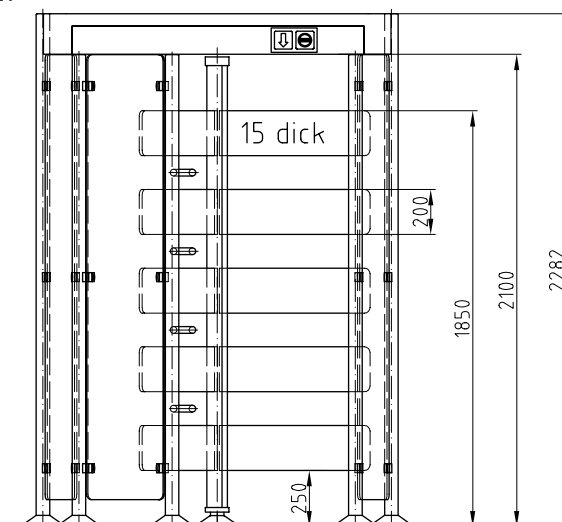
Standards

CE	Directive of Machinery 98/37/ec
UL	94 V-0
VDE/ÖVE	protective earthing
Protection Class:	IP 43 / EN 60529
Production Standard:	ISO 9001

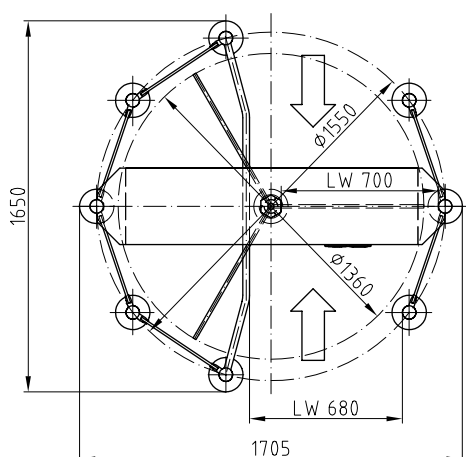
Application Example (Plan View)



Dimension Overview



Floor Mount



Electrical Ports

Input:

- Reader Release Entrance Direction
- Reader Release Exit Direction
- Manual Release Entrance Direction
- Manual Release Exit Direction
- Permanent Release Entrance Direction
- Permanent Release Exit Direction
- Stop Button

Output:

- External Counter non-resettable Entrance
- External Counter non-resettable Exit
- External Light
- Feedback

Models:

61600: Forum

Extras & Options:

21670: Foundation Assembly with Template for non-sustainable floors

21781: Optical Sensor for Presence Control

21770: Green Light

61950: External console

61920: Power Supply 100 VA, 2x12V

61930: Power Supply 200 VA, 2x12V

61960: Extension for Bidirectional Operation

22000: Blocked at power-down

Suitable By-Products:

21695: Reader Stand

Sample Tender Document Entry

Pos.	Qty.	Text	Unit Price	Total
		<p>pcs. Vertical turnstile(s), man-high, with motor-driven turnstile drum. Blocking device perspex fins with 120° pitch.</p> <p>Enclosure made of 10 mm safety glass planes , supported between stainless steel stands. For indoors applications.</p> <p>Turning direction selectable</p> <p>Maintenance-free drive mechanics, integrated electronic control unit. Drive and electronics mounted in overheadstainless steel cabinet</p> <p>24 V DC operation</p> <p>Prepared for physical and electrical attachment of card readers or biometric access control devices on both sides.</p> <p>Screw mounting, direct on sustainable floors (e.g. concrete foundation) or with optionally available mounting brackets on non-sustainable floors.</p> <p>Reference product: Gotschlich Model Forum</p> <p>with the following built-in options:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Built-in opto-sensors for presence control (release requires presence of a person) <input type="checkbox"/> Bidirectional option <input type="checkbox"/> Green light signal integrated in perspex cover <p>and the following accessories:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Power supply 1x 100 VA, 2x12V, for 230 V 50-60 Hz <input type="checkbox"/> Power supply 1x 200 VA, 2x12V, for 230 V 50-60 Hz <input type="checkbox"/> External console for manual operation 		