



# ROUND LOCK ROTO LINK P6450

Product sheet

Version 04.25



## Rotolink P6450: elegance meets security

The Rotolink P6450 round lock impresses with its slim, elegant design and offers an effective security solution for public areas. Thanks to its slim profiles, it blends seamlessly into any environment and can be installed directly on the finished floor. Experience the perfect combination of security and style.

On request, the fully automatic round lock can be fitted with a metal detector to provide additional protection.

### ROTOLINK P6450



**Suspended ceiling** with spotlights

**Push button** for manual access and LED status display

**Glazing** with 22 mm thick, burglar-resistant safety glass

**Base plate** with weight detection

### POSSIBLE APPLICATIONS

The P6450 round lock was developed for controlled through traffic and is used in the following areas:

- Courthouse
- Authorities
- Large corporations
- Company building
- Security company
- Data centers

## FUNCTIONALITY



The P6450 round lock is equipped with two separately controlled revolving doors and can be used as a single or bidirectional lock. Access can be controlled e.g. via card reader, button, sensor or release by the doorman.

Unauthorized “jostling” or the passing through of a second person is prevented by integrated safety mechanisms such as weight detection. If several people attempt to pass through the round lock at the same time, the inner door remains closed. A voice announcement is heard asking the person(s) to leave the lock.

The round lock can optionally be equipped with a metal detector (not available for the RC4 version). When entering the round lock, visitors are checked for weapons and metal objects. If prohibited objects are detected, the inner door remains closed. A voice announcement prompts the visitor to leave the round lock.

(Image shows an arrangement of 4 Rotolink P6450 round locks next to each other to cover a larger passageway)

## CONSTRUCTION

Our round lock body impresses with its steel and glass construction and combines robustness with stylish design. The two large round doors and the side panels are fitted with 22 mm thick, burglar-resistant safety glass and give the round lock an elegant appearance. Thanks to the connection profiles, the round lock can be seamlessly integrated into existing portals.

The suspended ceiling, equipped with spotlights, ensures optimum illumination. The drive and controls are safely housed in the upper part of the cabinet.

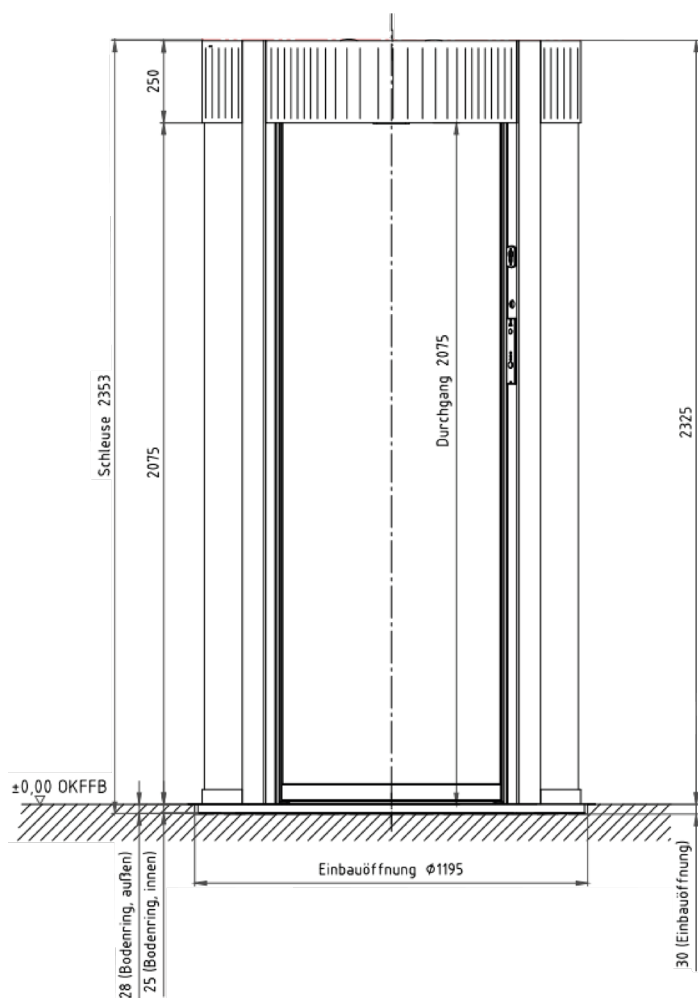
The control panel supplied enables simple manual control of the round lock and can be positioned as required by the customer, e.g. by the doorman. The integrated telephone receiver on the panel ensures communication with people inside the round lock.

## ASSEMBLY

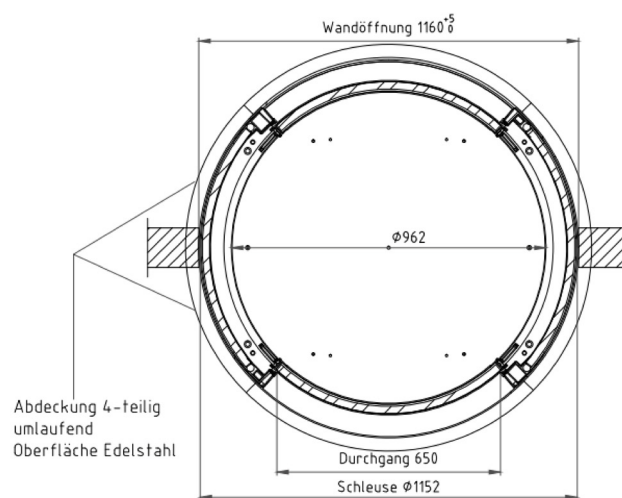
A load-bearing, level and finished surface is required for the installation of the round lock. Subsequent installation is therefore possible without major structural adjustments. Flush installation is also possible without any problems. A mounting ring simply needs to be embedded in the floor before installation.

## DIMENSIONS AND WEIGHT

Front view



Top view



<b>Diameter x Height:</b>	1.152 mm x 2.353 mm
<b>Floor recess:</b>	approx. 25 mm
<b>Light passage (W x H):</b>	650 mm x 2.075 mm
<b>Inner diameter:</b>	962 mm
<b>Glass thickness:</b>	Burglar-resistant P6B, approx. 20 mm / 22 mm; (optional 27 mm, burglar-resistant P6B and bullet-resistant BR3)
<b>Weight without metall detector:</b>	ca. 950 kg
<b>Weight with metall detector (optional):</b>	ca. 1050 kg

## STANDARD VERSION

**Frame** of the steel-glass construction can be painted in a RAL color according to customer requirements.

**Round doors and side panels** with 22 mm thick, burglar-resistant safety glass P6B.

**Control panel** for manual operation with handset for communication with visitors inside the round lock.

**Suspended ceiling** with spotlights.

**Safety system for the protection of persons.** Sensors detect when people are fully or partially within the travel range of the round doors and initiate a reversal of the current direction of movement.

**Safety system** that prevents two people from passing through at the same time. The adjustable weight detection with „Dynamic weighting“ prevents two people from passing through the round lock at the same time.

## EXPANSION OPTIONS

**Frame** of the steel and glass construction in stainless steel look.

**Round doors and side panels** with 27 mm thick, burglar-resistant safety glass P6B, BR3

**Mounting ring** for flush installation of the airlock.

**Metal detector** that detects knives, firearms and other metal objects (not available for RC4 versions).

Version in resistance class **RC4**.

## METAL DETECTOR



The metal detector can be offered as an integrated solution or separately (not available for the RC4 version).

- The integrated metal detector detects e.g. normal firearms and larger knives and offers the advantage that it is integrated directly into the rotary valve, thus enabling a compact and attractive design.
- The separate metal detector offers more accurate detection of weapons and metal objects and therefore a higher level of security. It is mounted separately at a certain distance from the rotary lock and functionally integrated into the lock function.

Please contact us so that together we can find the best solution for you.

**TECHNICAL DATA**

Power supply:	230 +/- 10V – 50 Hz
Max. power consumption:	0,2 KW
Emergency power supply:	Sufficient for approx. 60 additional passages
Emergency exit:	Doors can be opened manually in the event of a power failure.
Passage capacity:	approx. 4-6 passages per minute
Operating temperature:	-10° to +55° C
Control logistics:	Microprocessor unit

**ADVANTAGES****YOUR ADVANTAGES AT A GLANCE**

- ✓ Robust basic construction.
- ✓ Modern, stylish design that meets the highest safety standards.
- ✓ Can be adapted to individual customer requirements with optional expansion options.
- ✓ Simple installation without major structural modifications.
- ✓ Durable quality product.
- ✓ Expandable with the latest authentication systems.

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