

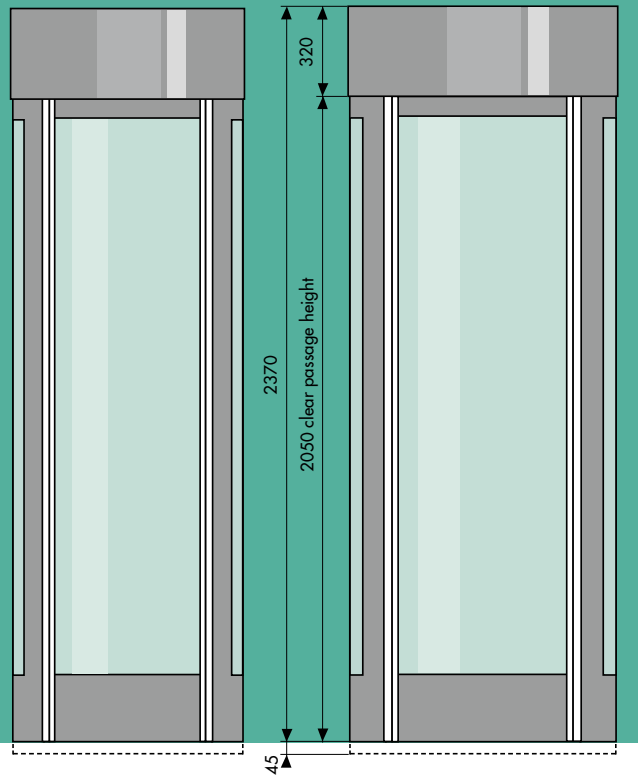


Schneebeli
Security
Circular Booths

The Schneebeli security circular booth type ZF3 offers both security and aesthetics in harmony.

Schneebeli security circular booths are installed where only authorised personnel are permitted access to a certain part of a building, e.g. staff entrance, banking room, EDP room. Together with a freely selectable access control system, this type of booth offers high security for the passage of up to approx. 250 people per hour.

Moreover, the all-glass circular booth model ZF3 is an aesthetic showpiece amongst man-traps. Its high transparency enables this booth to be integrated into a stylish interior design. The excellent all-round visibility is much appreciated by its users. The feeling of claustrophobia is virtually non-existent.



Circular booth type ZF3

The all-glass circular booth type ZF3 consists of two external side elements and an internal rotating $\frac{3}{4}$ -cylinder. The electromechanical drive is installed in the round roof structure. The frame recessed into the floor is used to guide the rotor on silent rollers and to accommodate the two-zone contact mat with anti-slip rubber covering. The glazing is normally made from burglar-resistant laminated safety glass.

Function

In the rest position, the booth is closed to the outside.

Via a pulse from the building access control system, the rotor turns 180° permitting access into the booth from the outside. As soon as the person has entered the booth and is standing in the circle of the contact mat, the cylinder rotates a further 180° giving access to the room inside.

To exit, the process follows the same steps but in the other direction; the pulse from the access control system often being dispensed with.

On completion of the exit operation, the booth turns back to the rest position. To prevent users being locked in, in the event of a power cut, the commenced movement can be completed.

Technical data

Surface treatment:

- Stove enamelled steel
- Matt or polished stainless steel
- Anodised aluminium
- Burnished brass

Power supply 230 V/50 Hz, 13 A

Wattage 0.5 kW

SPS control system in an external control cabinet or in an extended roof area (+250 mm).

LED lighting in the booth area.

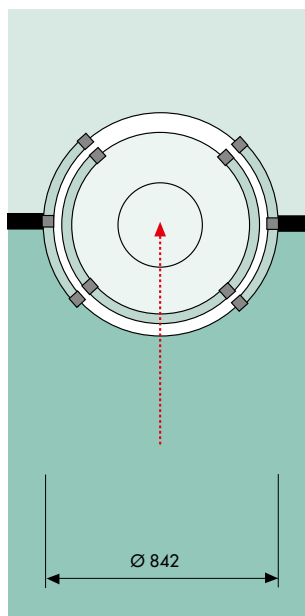
Electrical supply cables routed from above or below, with screened cables.

The circular booths can be connected to any access control system.

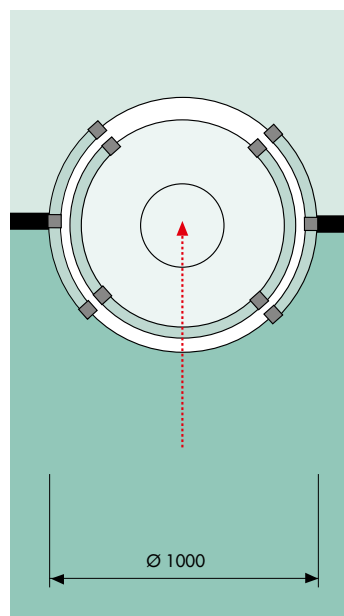
Special switch for cleaning purposes. The booth ceiling can be removed for service work.

Weight of the booth approx. 550 kg.

Subject to dimensional and technical changes in design.

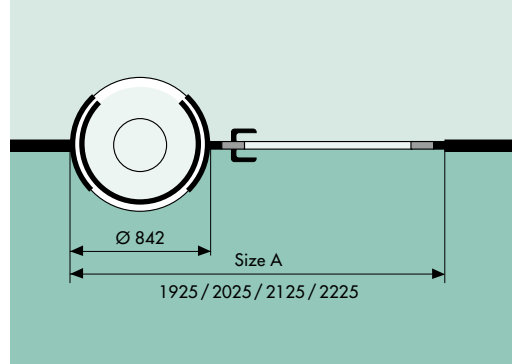
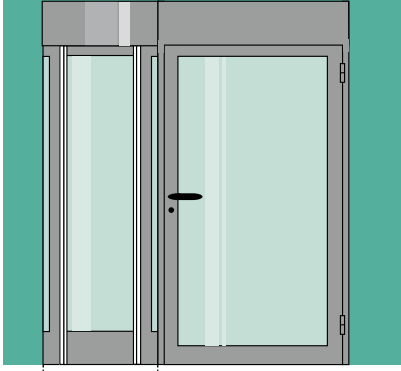


Circular booth type ZF3-1



Circular booth type ZF3-2

The Schneebeli security circular booths can be adapted and used in various ways.



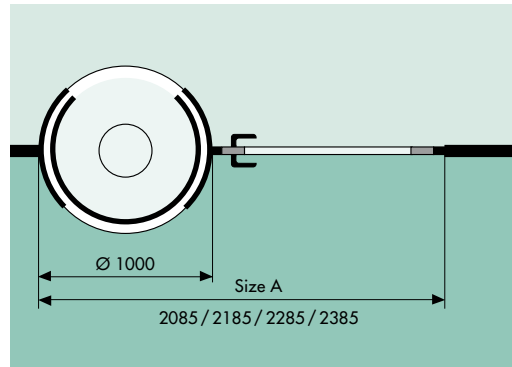
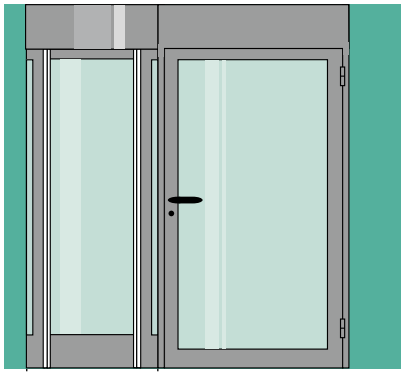
Circular booth type ZF3-1 with escape door

This circular booth can also be built with an integrated escape door.

There are four standard sizes:

- Size A 1925 mm = 900 mm escape route width
 - Size A 2025 mm = 1000 mm escape route width
 - Size A 2125 mm = 1100 mm escape route width
 - Size A 2225 mm = 1200 mm escape route width
- The height of the booth remains the same and is 2370 mm.

The design of the escape door can be customised to the customer's requests.



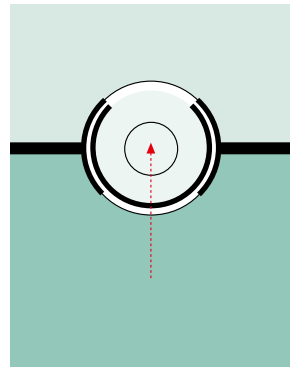
Circular booth type ZF3-2 with escape door

This circular booth can also be built with an integrated escape door.

There are four standard sizes:

- Size A 2085 mm = 900 mm escape route width
 - Size A 2185 mm = 1000 mm escape route width
 - Size A 2285 mm = 1100 mm escape route width
 - Size A 2385 mm = 1200 mm escape route width
- The height of the booth remains the same and is 2370 mm.

The design of the escape door can be customised to the customer's requests.



Burglar-resistant circular booth type ZF3-2 / WK3 (RC3)

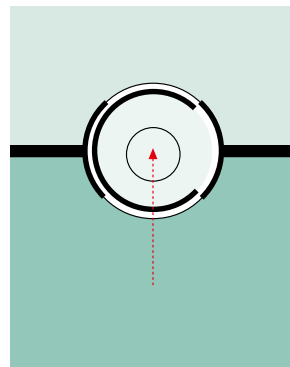
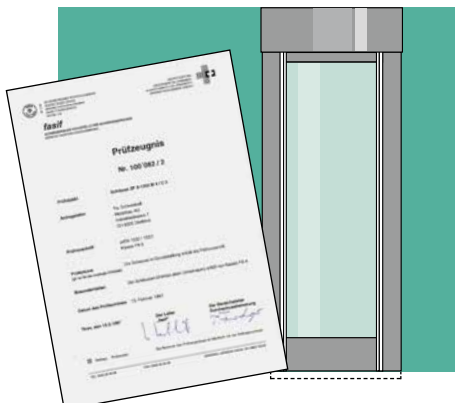
This burglar-resistant variant of the circular booth corresponds in size and appearance to the normal circular booth type ZF3-2. The two side elements and the rotor have a reinforced structure and the glazing is made from laminated safety glass.

The walls or components must be of the corresponding strength for the installation and fastening of the booth.

The function of this booth is exactly the same as that of the normal circular booth model ZF3.

The same options as with the normal circular booth are also possible for the surface treatment.

The burglary resistance of this circular booth has been tested by the Institut ift Rosenheim and received the classification of WK3 (RC3).



Bullet-resistant circular booth type ZF3-2 / FB 6-4

This bullet-resistant variant of the circular booth corresponds in size to the circular booth type ZF3-2. The two external side elements are made from thick-walled sheet steel without glass. The rotating 3/4-cylinder is made from a tubular steel framework with armoured glass glazing.

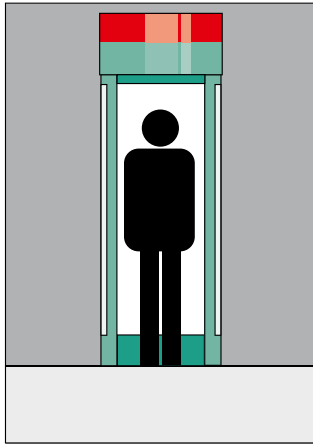
In the closed basic starting position, this circular booth conforms to the bullet-resistant class FB 6 (M4). As the people pass through, it is still a class FB 4 (M3).

The function of this booth is almost the same as that of the normal circular booth type ZF3. The only difference is that in the normal position, the rotatable cylinder is positioned so that the two sides of the booth are closed. Via a pulse delivery, the cylinder rotates by 90° and entry into the booth is free for a passage.

The same options as with the normal circular booth type ZF3 are also possible for the surface treatment.

The Schneebeli security circular booth is a flexible system with numerous extension options.

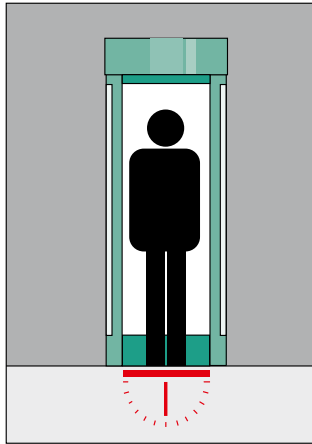
Extended roof area for the control system



Instead of having an external control cabinet, the control system can also be installed in the extended roof area.

This means that the roof area has to be 250 mm higher and the total height of the circular booth in this case amounts to 2620 mm. However, an external control cabinet is preferable.

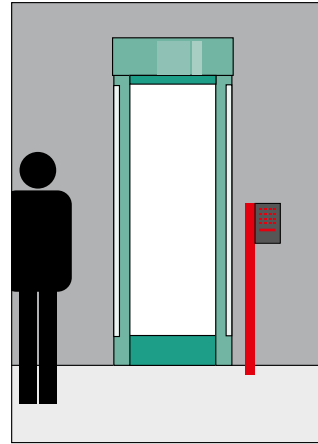
Weighing floor



There are 2 variants of the weighing floor to increase the secured prevention of more than one person passing through at a time.

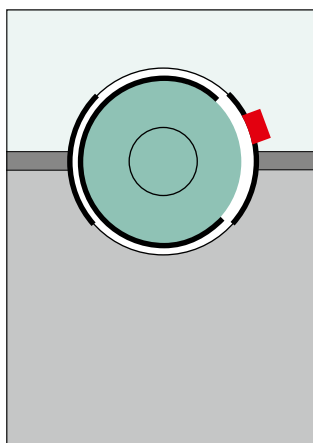
1. Weighing floor with an adjustable weight limit from 10 to 130kg (evaluated by our control system).
2. Weighing floor with monitoring of each individual person according to their personal weight according to the data entered in the reader system (evaluated by the reader system).

Reader pillar or console



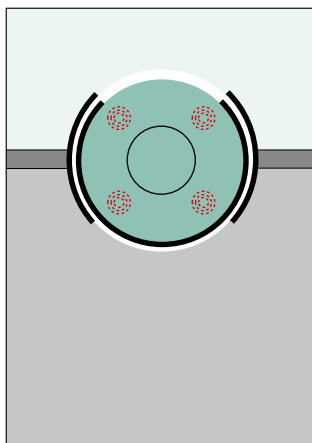
Free-standing pillar or console for mounting the reading device of the building. The free-standing pillar is mounted to the floor and the console to the fixed side element of the booth. Designed according to your specifications. Treatment in stove enamelled steel, matt or polished stainless steel or anodised aluminium.

Additional reader in the internal booth area of the interlocking system



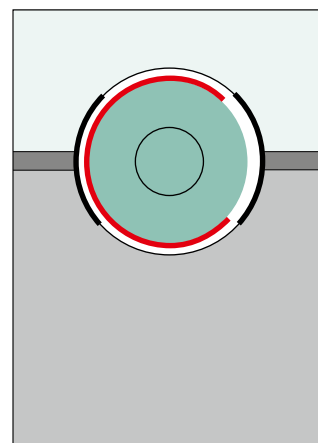
To increase the security, an additional reader can be installed in the internal booth area. This is placed on the side wall, and all reader variants are possible. This additional security turns the booth into a stopover point and as a result reduces the passage volume.

Additional sensory analysis



This additional sensory monitoring prevents, to a high degree, the simultaneous entrance of 2 people. The 4 vertical light beams make the internal area of the booth optically smaller, so it is possible to detect a second person. The height of the light beam can be set as required, so it is still possible to take in a briefcase or a bag.

Freely selectable rest position



In the rest position, the booth is closed on the outside. The rest position can, however, be selected in such a way that the rotor is closed simultaneously to the outside and the inside. With a timer switch it is also possible to control the rotor so that at certain times it is closed to the outside or the inside.

3 circular booths type ZF3-2 in matt stainless steel as a staff entrance with side escape door.



Main entrance of an administration building with circular booth type ZF3-2 as a night-time entrance.



2 circular booths type ZF3-1 in burnished sheet brass as staff entrance.



Bullet-resistant circular booth type ZF3-2 / FB 6-4 in matt stainless steel as access to a high-security zone.



Other specialities from our range of security systems:

Double turnstile as security entrance to a car park in an administration building.



Revolving security doors, type 120, in polished stainless steel as an elegant entrance for personnel.



RENO interlocking security door as an external closure and staff entrance of a bank.



The versatile manufacturing programme from our modern workshops in Dietlikon includes:

Security systems such as mantraps and revolving security doors

Security doors (burglar resistant)

Security doors for containment and measures (cell doors)

Fire doors

Metal windows

Display window systems

House and shop entrances

Sliding doors, lift-up shutter doors

Metal staircases

Special railings in all metals or glass

Special constructions in all metals

Bullet-resistant windows, doors and wall panels "Sälzer System" (FB1-FB7)

Repairs, servicing and maintenance work



Schneebeli
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