

record revolving doors

Distinctive, aesthetic and technically proven



record REVOLVING

record revolving – distinctive, aesthetic and technically proven

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Building entrances with a lot of public traffic require special entrance solutions. Tailor-made, energy-efficient, representative and design-oriented - revolving doors are often the ideal solution.

Revolving doors reliably protect the interior of the building from draughts, noise and dust. The reduced heat exchange considerably contributes to optimising the building's energy balance. In addition to optimum operating efficiency, record revolving doors are characterised by generous diameters, high safety standards and a wide variety of designs.

From closed systems in any colour to all-glass translucency, from stainless steel to aluminium, from the classic drive concept in the top area to the concealed underfloor drive - everything is possible.

Why record ?

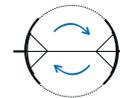
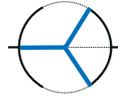
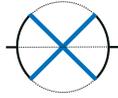
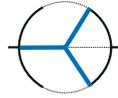
- Highly customisable designs
- Innovation is our passion
- Quality assured for over 40 years

record can create a practical and aesthetic entrance for your building, regardless of your situation, your budget or your specifications.





Overview product portfolio record revolving doors



Manual revolving doors / all-glass revolving doors

Automatic revolving doors

| | 3-wing manual | 4-wing manual | 3-wing manual/ all-glass | 4-wing manual/ all-glass | 2-wing automatic | 3-wing automatic |
|--|---------------|---------------|-----------------------------|-----------------------------|------------------|------------------|
|--|---------------|---------------|-----------------------------|-----------------------------|------------------|------------------|

Dimensions

| | | | | | | |
|---|-------------|-------------|-------------|-------------|-------------|-------------|
| Outside diameter Q in mm min. / max. | 1600 – 3000 | 1800 – 3000 | 1600 – 2600 | 1800 – 2600 | 3400 – 7200 | 1600 – 8000 |
| Passage height G in mm min. / max. | 2000 – 3000 | 2000 – 3000 | 2000 – 2800 | 2000 – 2800 | 2000 – 3000 | 2000 – 3500 |
| Passage width A in mm | 700 – 1400 | 1130 – 1980 | 690 – 1190 | 1130 – 1680 | 1865 – 4030 | 700 – 3870 |
| Persons / hour | 1200 – 2500 | 1400 – 3000 | 1200 – 2200 | 1400 – 2700 | 2300 – 5500 | 1200 – 6300 |
| Canopy height I in mm min. / max. | 250 – 1000 | 250 – 1000 | 22 | 22 | 350 – 1000 | 300 – 1000 |

Safety / security

| | | | | | | |
|-------------------------------------|---|---|---|---|---|---|
| Personal safety (EN 16005) | ● | ● | ● | ● | ● | ● |
| TÜV certificate | | | | | ● | ● |
| Burglary protection RC2/RC3 | ● | ● | | | | ● |
| Access control | | | | | | |
| Person separation with 3D camera | | | | | | |

Options

| | | | | | | |
|---|---|---|---|---|---|---|
| Surfaces: Powder coated, anodised, stainless steel | ● | ● | ● | ● | ● | ● |
| Roof designs (dust / weather roof) | ● | ● | | | ● | ● |
| LED lighting | ● | ● | | | ● | ● |
| Air curtain (electric / hot water) | ● | ● | | | ● | ● |
| Night shutter (manual / automatic) | ● | ● | ● | ● | | ● |
| Locking mechanism (manual / electric) | ● | ● | ● | ● | ● | ● |
| Speed limitation | ● | ● | ● | ● | | |
| Folding leaves (break-out) | ● | ● | | | | ● |



Security revolving doors

Underfloor revolving doors / all-glass revolving doors

| 4-wing automatic | 3-wing security | 4-wing security | 3-wing underfloor | 4-wing underfloor | 3-wing underfloor/all-glass | 4-wing underfloor/all-glass |
|------------------|-----------------|-----------------|-------------------|-------------------|-----------------------------|-----------------------------|
| 1800 – 8000 | 1600 – 2500 | 1800 – 2500 | 1600 – 3600 | 1800 – 3600 | 1600 – 3600 | 1800 – 3600 |
| 2000 – 3500 | 2200 – 2500 | 2200 – 2500 | 2000 – 4000 | 2000 – 4000 | 2000 – 3500 | 2000 – 3500 |
| 1130 – 5510 | 700 – 1150 | 1130 – 1630 | 690 – 1660 | 1120 – 2390 | 690 – 1290 | 1120 – 1820 |
| 1400 – 6600 | 2 x 15 (min.) | 2 x 20 (min.) | 1200 – 3300 | 1400 – 3500 | 1200 – 3300 | 1400 – 3500 |
| 300 – 1000 | 300 – 1000 | 300 – 1000 | 22 | 22 | 22 | 22 |
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Two-wing revolving door

The record two-wing revolving door is available with integrated sliding door, fixed segments or swinging leaves. High passage capacities, variable diameters, a compact overall height and many other options allow a wide range of applications. This revolving door creates a high degree of accessibility and makes the building user-friendly for everyone, even without external assistance.

Design variants

| | | | | | |
|-------------------------|---|---|--|---|---|
| Inside diameter U (mm) | 3348 – 7148 | 3600 | 4200 | 4800 | 5400 |
| Outside diameter Q (mm) | 3400 – 7200 | 3652 | 4252 | 4852 | 5452 |
| Passage height G (mm) | 2000 – 3000 | 2000 – 3000 | 2000 – 3000 | 2000 – 3000 | 2000 – 3000 |
| Passage width A (mm) | 1865 – 4030 | 2000 | 2350 | 2700 | 3030 |
| Persons / hour | 2300 – 5500 | 2500 | 2916 | 3330 | 3750 |
| Suitable for |  |  |  |  |  |

Special dimensions are possible

Options

- Aluminium, stainless steel design, brass
- Roof designs
- LED lighting
- Air curtain
- Night shutter
- Showcases
- TÜV type-tested
- Any RAL or Eloxal colour

Ranges of application

Hospitals, shopping centres, airports, furniture stores, hotels, office buildings





Three- and four-wing revolving doors

The three- and four-wing revolving doors are characterised by variable diameters from 1600 to 8000 mm. The automatic variants permit different potential uses. For disabled accessibility, greater convenience or high pedestrian flow during peak hours. To meet increased security requirements, burglar-resistant versions are class RC2 or RC3 certified.

Three-wing revolving doors offer greater walking comfort due to the larger segments. Four-wing revolving doors allow a higher capacity of persons passing through at the same overall size.

| | 3-wing manual | 4-wing manual | 3-wing automatic | 4-wing automatic |
|-------------------------|---|---|---|---|
| Design variants | | | | |
| Outside diameter Q (mm) | 1500 – 3000 | 1800 – 3000 | 1600 – 8800 | 1800 – 8800 |
| Passage height G (mm) | 2000 – 3000 | 2000 – 3000 | 2000 – 3500 | 2000 – 3500 |
| Persons / hour | 1200 – 2500 | 1400 – 3000 | 1200 – 6500 | 1400 – 6800 |
| Suitable for |  |  |  |  |

Special dimensions are possible

Options

- Brass, aluminium, stainless steel design
- Roof designs
- LED lighting
- Air curtain
- Night lock
- Burglary protection according to RC2 / RC3
- TÜV type-tested
- Folding leaves (break-out)
- Any RAL or anodised colour





Security revolving door

The three- and four-wing record security revolving doors allow controlled access to security areas. The modular product concept permits the integration of almost any common access control and identification system and reports events to the building management system if necessary. Intelligent sensor technologies monitor all entry and exit points in the revolving door.

| | 3-wing Safety / Security | 4-wing Safety / Security |
|-------------------------------------|---|---|
| Design variants | | |
| Outside diameter Q (mm) | 1600 – 2500 | 1800 – 2500 |
| Passage height G (mm) | 2200 – 2500 | 2200 – 2500 |
| Persons / minute | 2 x 15 | 2 x 20 |
| Anti-tailgating / anti-piggybacking | Yes / Yes | Yes / Yes |
| Access control / biometrics | Yes | Yes |
| Burglary protection | RC2 / RC3 | RC2 / RC3 |
| Suitable for |  |  |

Access control and biometrics

Whether RFID reader, fingerprint scanner, vein scanner, iris scanner or face recognition - almost all solutions and combinations for the identification and authentication of persons can be connected to the door control.

Applications and security level

In the basic version, the number of people is monitored by contact mats and presence sensors.

In the high-security version, the number of people is monitored by intelligent sensors. The **TOF-3D sensor technology** impresses with its high degree of sturdiness against external influences and detects a multitude of unauthorised accesses and manipulations. The integrated sabotage monitoring reliably detects manipulations on the sensor.

Burglar-resistant design class RC2 and RC3

All record revolving doors are available with burglar-resistant properties according to DIN EN 1627 class RC2 and RC3 - with certificate. The door system is then equipped with burglar-proof glass (P4A or P5A), additional locks and a reinforced construction.

Highest personal protection according to EN 16005

All record revolving doors offer highest personal protection and are tested according to EN 16005.

Options

- Stainless steel, powder-coated aluminium, anodised aluminium design

- Roof designs
- TÜV type-tested
- LED access signalling by means of signal light
- LED access signalling in ceiling
- Night lock system (manual / automatic)
- Emergency stop switch
- Fail-safe / fail-secure
- Anti-tailgating / anti-piggybacking
- Voice module

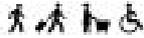




Underfloor drive / all-glass variant

A concealed drive allows complete freedom of design and supports - especially in conjunction with an all-glass construction - the impression of a spacious and translucent appearance.

The entire load of the doors rests on the drive module in the floor. The top pivot bearing unit is designed to only absorb horizontal forces caused by wind load. The doors can optionally be controlled by motion sensors embedded in the floor.

| | 3-leaf underfloor | 4-leaf underfloor | 3-leaf all-glass | 4-leaf all-glass |
|-------------------------|---|---|---|---|
| Design variants | | | | |
| Outside diameter Q (mm) | 1600 – 3600 | 1800 – 3600 | 1600 – 3000 | 1800 – 3000 |
| Passage height G (mm) | 2000 – 4000 | 2000 – 4000 | 2000 – 3500 | 2000 – 3500 |
| Persons / hour | 1200 – 3300 | 1400 – 3500 | 1200 – 3300 | 1400 – 3500 |
| suitable for |  |  |  |  |

Special dimensions are possible

Underfloor drive

The hidden drive concealed in the floor provides modern façades on buildings with increased translucency. The advantage is the glass-to-glass connection to the façade. Bulky canopies and drives are a thing of the past. The aesthetics and elegance of contemporary architecture are shown to their full advantage.

The underfloor drives are ideally suited for three- or

four-leaf revolving doors. Having been in use for more than 40 years, underfloor drives are more than long-term tested and are state-of-the-art. In the meantime, modern sensors even permit an invisible use, so that a maximum of translucency can be achieved.

Ranges of application

Office buildings, hotels, retail centres, banks, airports, museums, etc.







Special-purpose doors

BLASI – the world-renowned brand when it comes to special-purpose doors – has been part of the international record group for more than 10 years. record BLASI develops innovative, customised special-purpose solutions for any type of challenge. Systems without frames and with drives embedded in the floor or located in the basement, and even tower-high designs are developed with creativity and precision and used for globally unique, distinctive buildings.

For special all-glass doors, there are systems with structural bonding without mechanical connection, which are completely self-supporting and can withstand even high wind

loads without any connection to the façade.

Aesthetics does not have to contradict conventional use. record BLASI combines creative design with a high level of technical know-how.

record BLASI – your partner for any type of special-purpose solution, even if underfloor systems with security technology are desired.



record – Maintenance and service

record maintenance agreements

Periodic maintenance is essential to ensure that your automatic door functions perfectly for decades and that the safety regulations are complied with at the same time. Benefit from the variable services of record maintenance agreements, which allow you to significantly reduce your own operating and maintenance costs.

Maintenance is not carried out automatically during the warranty period. We therefore recommend that you conclude a maintenance agreement during the first six months after installation of your automatic door. Please check the corresponding possibilities on the record country website.

record trouble shooting

We are present in many countries with competent record service technicians who can be consulted at any time if you have any questions. In the event of a malfunction of your automatic door, our schedulers

will immediately organise an appointment with a service technician near you. To your advantage, quickly and cost-effectively.

i-record app

Installed on a tablet or smartphone, the intuitive i-record app with its clearly laid out user interface supports the technician during service and maintenance work and assists rapid troubleshooting with a precise diagnosis of the entire door system. With the help function, remote support can also be requested online if required. Downloadable updates ensure a reliable and long operation of the automatic door system.

Our consultants will assist you in finding the right service package for your needs.

Further information: www.record.group/countries

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Headquartered in Switzerland, the record group sells its products and services across the globe and is directly present with subsidiaries in many countries.

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