

Bluewest.de

info@Bluewest.de

ADDRESS:

Neuer Wall 71, c/o WorkRepublic

20354 Hamburg

Germany

TEL & FAX: +49 40 99 99 94 42 9



BLUE WEST
GmbH

REVOLVING DOORS

Access Solutions Consulting
& Sales Company

For impressive entrances
For high quality solutions
For many applications



AUTOMATIC ENS

AUTOMATIC REVOLVING DOORS



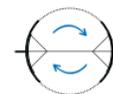
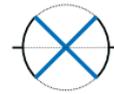
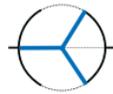
Automatic Revolving doors consists of different wing configurations. They come in 2,3 or 4 wings configuration ,subject to application. They are fitted to a central shaft rotating in a vertical axis in a cylindrical enclosure. A revolving door is available in glass, steel, stainless steel, aluminum and wood. Revolving doors can be used as manual, semi- or fully automated entrances.

Automatic Revolving doors are the ideal energy saving entrance as they are acting as an airlock, prevent drafts, thus decreasing the loss of heating or cooling for building entrances. At the same time, revolving doors can allow large numbers of people to pass in and out of a building simultaneously.

Automatic Revolving doors are powered above or below the central shaft. Automatic revolving doors have safety sensors. Revolving doors can also be used as security devices to restrict entry to a single person only at a time.

AUTOMATIC REVOLVING DOORS

Overview product portfolio Blue West revolving doors



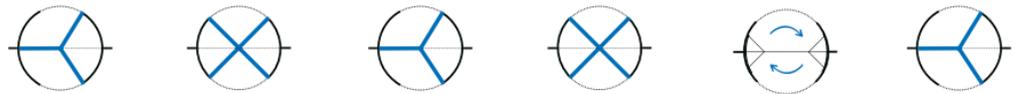
Manual revolving doors / all-glass revolving doors

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	●	●				●
Suitable as emergency escape route	●	●	●	●		●
Access control						
Person separation with 3D camera						

AUTOMATIC REVOLVING DOORS

Overview product portfolio Blue West 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
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Options

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



AUTOMATIC REVOLVING DOORS



	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
Dimensions							
Outside diameter Q in mm min./max.	1800 – 8000	1600 – 2500	1800 – 2500	1600 – 3600	1800 – 3600	1600 – 3600	1800 – 3600
Passage height G in mm min./max.	2000 – 3500	2200 – 2500	2200 – 2500	2000 – 4000	2000 – 4000	2000 – 3500	2000 – 3500
Passage width A in mm	1130 – 5510	700 – 1150	1130 – 1630	690 – 1660	1120 – 2390	690 – 1290	1120 – 1820
Persons / hour	1400 – 6600	2 x 15 (min.)	2 x 20 (min.)	1200 – 3300	1400 – 3500	1200 – 3300	1400 – 3500
Canopy height I in mm min./max.	300 – 1000	300 – 1000	300 – 1000	22	22	22	22
Safety / security							
Personal safety (EN 16005)	●	●	●	●	●	●	●
TÜV certificate	●	●	●				
Burglary protection RC2 / RC3	●	●	●				
Suitable as emergency escape route	●						
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)	●						

AUTOMATIC REVOLVING DOORS

Two-wing revolving door

The 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

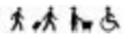
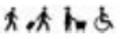
Hospitals, shopping centres, airports, furniture stores, hotels, office buildings.



AUTOMATIC REVOLVING DOORS

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 per 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
- + Burglar y protection according to RC2 / RC3
- + TÜV type-tested
- + Use in escape and rescue routes
- + Folding leaves (break-out)
- + Any RAL or anodised colour



AUTOMATIC REVOLVING DOORS

Three- and four-wing revolving doors



AUTOMATIC REVOLVING DOORS

Security revolving door

The three- and four-wing 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		

Special dimensions are possible

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
- + F a s a e / f a s e c u r e
- + Anti-tailgating / anti-piggybacking
- + Voice module

AUTOMATIC REVOLVING DOORS

Security revolving door

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



AUTOMATIC REVOLVING DOORS

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.

AUTOMATIC REVOLVING DOORS

Underfloor drive / all - glass variant



Ranges of application

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

Thank you for your attention