

# Besam Revolving Doors. A full range to go full circle.

**ASSA ABLOY**

ASSA ABLOY Entrance Systems

The global leader in  
door opening solutions



# The range you can rely on ...

The Besam Revolving door range from ASSA ABLOY Entrance Systems has an entrance solution to suit every business need. From busy airports and shopping malls accommodating thousands of people daily to beautiful boutique hotels ushering

in valued guests to a main entrance for clients at a local office, the Besam Revolving Door range has a door for you. While each door varies in options and capacities, the range has a number of shared premiere attributes.



## **Quality innovation**

When you choose an ASSA ABLOY Entrance Systems automatic door solution, you choose years of engineering expertise. ASSA ABLOY Entrance Systems has always been committed to producing innovative and reliable doors of only the highest quality.

The Besam Revolving door range is no exception and offers multiple smart features to improve both user experience and product longevity. Extensive research and experience has added to ASSA ABLOY Entrance Systems' ability to understand the needs of users and to increase functionality of entrance solutions from start to finish.

## **Serious about safety and security**

You and your customers deserve to have a sense of confidence, safety and security when using your entrance. That's why safety is the number one priority at ASSA ABLOY Entrance Systems – never simply a door feature.

From the material for door edges to sensor placement to safety switches, safety is integrated into every ASSA ABLOY Entrance Systems door's parts and operation.

Choose to emphasize security with features such as RC3 certification, special locks and Night Closing options.

Across the entire Besam Revolving door range, each door is compliant with the EN 16005 safety requirement.

# ...just welcomed a new member.

Introducing the Besam RD100, the newest addition to the broad Besam Revolving door range. The premiere option for customers with pedestrian traffic who want a compact, low-energy revolving door without compromising on quality.

Equipped with features that benefit both users and business owners, it is an ideal choice for even pedestrian flow. In order to get things turning, all this door needs is a little push.

*hello*



Learn more about the new Besam RD100 and the rest of the Besam Revolving door range in the following pages.

# Power Assist goes with your flow

Do you have a public or private office with purely pedestrian traffic? Then you want your clients to come in relaxed and comfortable. The Besam RD100 does just that by giving its users a bit more control with manual initiation.

To start this door, all it needs is a gentle push. The door then adapts to that push and operates at the pedestrian's speed, always stopping in the preferred position to welcome the next user and maintain a comfortable indoor climate. Braking capabilities, soft door leafs and intuitive Return-to-park position increase sustainability and enhances safety for users.

But the control doesn't rest only with the customer, this door puts you in charge as well. For those concerned with security or if your business facade is in a public space, this door comes equipped with burglar protection at the RC3 classified level.

## Features and options:

- Power Assist: minimum effort for maximum operation
- Speed Control: regulates door speed
- Return-to-park position: ensures safety and climate control
- Burglar protection RC3: effective security
- Stable park position: eliminates drafts and enhances safety
- Ease of configuration: instant adjustment to fit every traffic flow



## Options



3-wing



4-wing

# Besam Power Assist revolving doors



# The confidence of versatility

Can a single door satisfy multiple businesses? Different businesses have different needs after all. But the fully automatic Besam RD3-200 and RD4-200 compact revolving doors has the versatility that lets you get the best solution for your facility.

From functionality to form, the Besam Compact doors can be adapted to different wings, sizes, optional additions and frame colors. Whether you have an office, public building or hotel, these compact revolving doors can accommodate your pedestrian traffic – with or without luggage – with ease.

The Besam RD3-200 and RD4-200 Compact revolving doors can also be equipped with RC3 certification for added security and burglar protection.

## Features and options:

- 3- or 4-wings: capacity accommodation
- Air Curtain: superior comfort
- Access Control: added security
- Burglar protection RC3: effective security
- Emergency break-out system: emergency prepared
- Night closing doors: added security
- Intrusion protection lock: fortified defense
- Remote operation: ease of service
- Disabled use button: fully automated



## Options



3-wing



4-wing



3-wing with access control

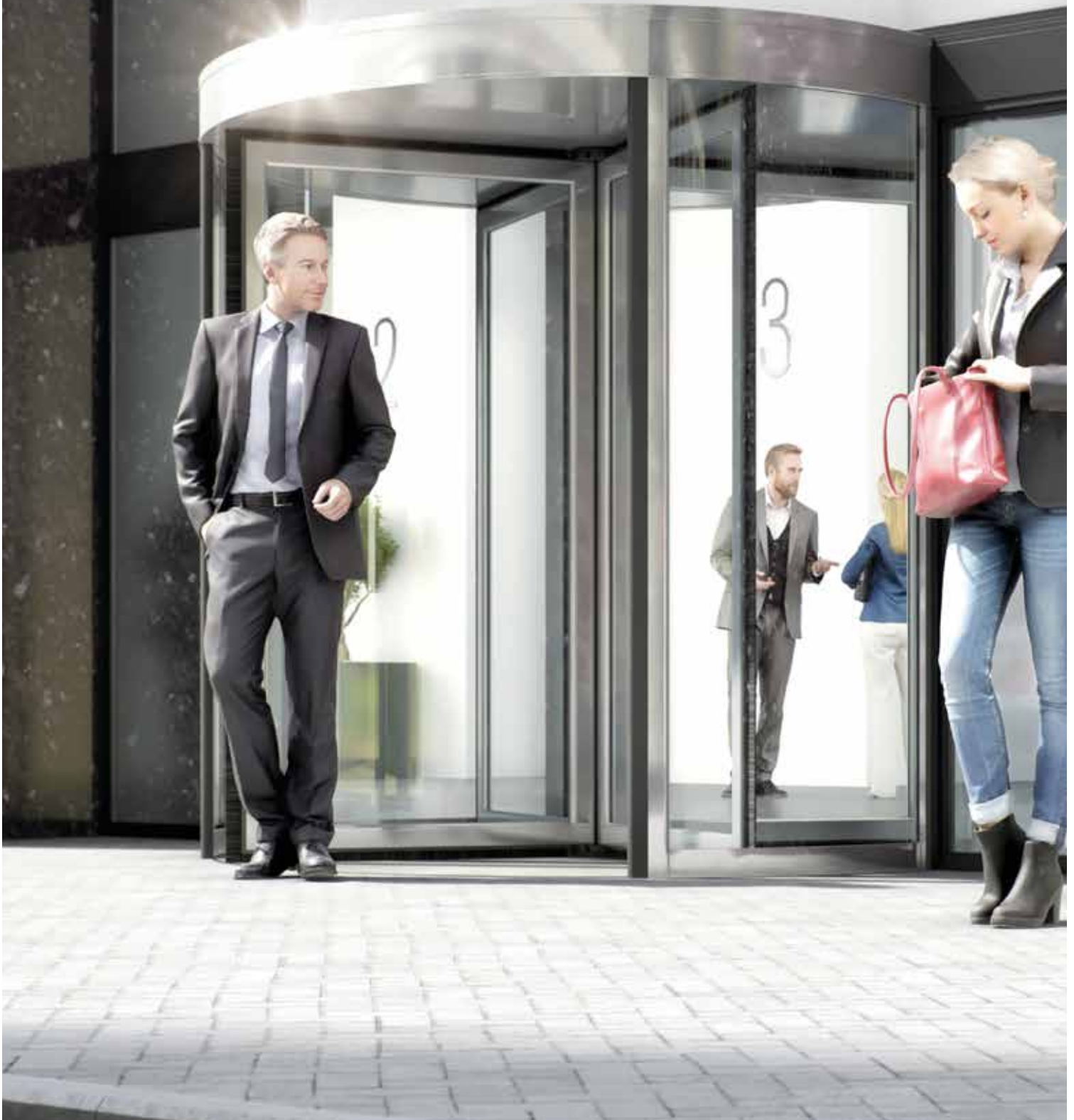


4-wing with access control

## Greater control over your entrance

*If your business handles sensitive materials and you would like restricted access, the compact doors offer Access Control. With Access Control, you can monitor passage and create a supervised entrance to restricted areas. This includes smart sensors that detect anti-tailgating and piggybacking between users for optimal regulation. Yet another feature in which the Besam RD200 offers you versatility in control.*

# Besam Compact revolving doors



# Take a turn towards elegance

Everyone wants to look good, but for some businesses it's a necessity. Besam All-glass revolving doors give your business a confident and impressive look while maintaining premiere functionality.

Ideal for offices, hotels or stores who can gain from transparency, the Besam RD300 All-glass doors offer users a sophisticated automatic door solution while discreetly maintaining airflow and temperature.

The functionality of these doors can work in almost any environment that has pedestrian foot fall with or without luggage. With its concealed drive unit, Besam All-glass doors emit a smart and seamless aesthetic.

## Features and options:

- 3- or 4-wings: capacity accommodation
- Air Curtain: superior comfort
- Night closing doors: added security
- Concealed drive unit: full transparency
- Remote operation: ease of service
- Safe rotating section: increased safety



## Options



3-wing



4-wing



# Besam All-glass revolving doors



# Accommodate the masses with ease

Some businesses have an extreme amount of pedestrians. And those pedestrians need passage safely and efficiently. For airports, hospitals, offices, or busy stores with an intense and heavy pedestrian traffic, look no further than the Besam High-capacity revolving doors.

The 2-wing Besam Uniturn and 3-wing Besam RD3L are the ideal thoroughfare for large numbers of pedestrians – even if they have luggage, trolleys or wheelchairs – with minimal air permeability. You will never have to worry about a bottleneck when entering or exiting a building with a high-capacity automatic door solution.

The 2-wing Besam Uniturn also comes with the option to install a sliding door in the center of the unit, beneficial for maintaining airflow during peak traffic hours while the Besam RD3L bears the RC3 burglar protection classification.

## Features and options:

- 2- or 3-wings: capacity monitoring
- Air Curtain: superior comfort
- High-tech control system: reliable operation
- Fascia height: exceeds standard
- Large compartments: increased safety range
- Night closing doors: added security
- Burglar protection RC3 (Besam RD3L): effective security
- Patented transmission (Besam RD3L): cope with high-wind loads
- Emergency break-out system (Besam RD3L): emergency prepared
- Promotional display area (Besam Uniturn): partnership opportunities



## Options



3-wing













2-wing

# Besam High-capacity revolving doors



# The whole range at a glance

For further technical information on the individual models, please consult the product data sheets.

Model	Besam Power Assist RD100	Besam Compact RD3 and RD4	Besam All-glass RD300	Besam High-capacity UniTurn	Besam High-capacity RD3L
					
<b>Wing options</b>					
<b>Diameter</b>	1.8–2.7m	1.8–3.6m	1.8–3.0m	3.6–5.4m	4.2–6.2m
<b>Traffic flow</b>					
Pedestrian	•	•	•	•	•
Pedestrian with luggage		≥2.7	≥2.7	•	•
Pedestrian high traffic		≥2.7	≥2.7	•	•
High traffic including wheelchairs				•	≥5.4
High traffic including large trolleys				≥4.8	≥6.2
<b>Sustainability</b>	4	4	3	5	4
<b>Security</b>					
Night Closing Doors	•	•	•	Integrated	•
Intrusion protection package, EN-1627:2011	•	•			•
Access control one-way		≤2.4			
Access control two-way		≤2.4 (4-wing)			
Anti-tailgating		≤2.4			
Anti-piggyback		≤2.4 (4-wing)			
<b>Aesthetic</b>	4	4	5	4	4
<b>Surface treatment</b>					
Powdercoated	•	•	•	•	•
Anodized	•	•	•	•	•
Stainless steel	•	•	•	•	•
<b>Convenience</b>	3	4	3	5	5
<b>Safety in use, TuV certified</b>	•	•	•	•	•
<b>Digitalization</b>					
Graphic service interface	•	•	•	•	•
Remote access	(•)	•	•	•	•
<b>Break out capability</b>					
Break out capability		•		•	•
Emergency escape 3 <sup>rd</sup> party certified		•			•

# Quality you can trust



### Flexibility friendly

The Besam Revolving door range can be altered and adjusted in size, wings, and color to achieve the look you want for your entrance. The comprehensive online ASSA ABLOY Entrance Systems BIMobject library houses 3D models and specifications to assist architects with designing the perfect configuration of your door.

From the architectural inception and designing phase to installation to repair service, ASSA ABLOY Entrance Systems is committed to support you every step of the way to design your perfect door and receive the maintenance offering to keep it at excellent performance.

### Spotlight on sustainability

An advantage of Besam revolving doors is that they are always open, yet always closed. Your doors will always accommodate customers while keeping out unwanted air infiltration and drafts. With added characteristics to keep out the exterior climate, less energy is needed to maintain indoor climates. This, in turn, lowers your energy use and reduces your carbon footprint.

The maintenance of temperature also generates greater comfort for those inside. Environmental product declarations are available for each door in the Besam Revolving door range.



*The Besam SW300 swing door escape route next to the Besam RD100.*

### Combine with a Besam automatic swing door system

ASSA ABLOY Entrance systems offer a complete entrance solution. Ensure you meet all safety requirements by complementing your Besam revolving door with a Besam automatic swing door system. The Besam SW300 is a perfect choice for any escape route.

# The range in action

Business owners all over the world have been benefitting from installing the Besam range across multiple segments. For more customer case stories please visit our website [www.assaabloyentrance.com](http://www.assaabloyentrance.com).



## A safe and comfortable hospital entrance

To provide greater comfort and energy-savings, an automatic revolving door with the unique, draft-reducing Air Curtain system from ASSA ABLOY Entrance Systems was installed in the main entrance of Vlietland Hospital in the Netherlands.



## A comfortable, inviting indoor environment

To handle a heavy traffic flow, provide substantial energy and savings by preventing conditioned air loss, a large Besam UniTurn with a special colored finish was selected for the Gaylord Palms Hotel and Conference Center in Orlando, Florida, USA.



## The perfect match for a modern, new building entrance

The compact Besam RD4-300 revolving doors with its aesthetic design was an ideal match for the newly remodelled facade in Audi Forum and Museum in Ingolstadt, Germany. The revolving doors eliminate draughts and reduce energy losses.



## Adding customer convenience while saving energy

ASSA ABLOY Entrance Systems provided COOP Hypermarket in Kungsbacka, Sweden, with a high-capacity, automated Besam RD3L revolving door for its spacious, high-capacity compartments and state-of-the-art safety features.



For your convenience, energy-savings and prolonging the product's life cycle, regular maintenance is recommended. With ASSA ABLOY Entrance Systems' Maintenance & Modernization Program and service-friendly design features that support our professional service technicians, maintenance has never been more efficient.



“Our customers expect an appealing store and the best from our staff and products. With ASSA ABLOY Entrance Systems products and maintenance program; we are able to focus on our core business, ensure optimal convenience for all and increase our energy savings.”

John Andersen, Store Manager, Denmark

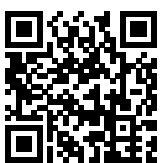
ASSA ABLOY Entrance Systems is a leading supplier of entrance automation solutions for efficient flow of goods and people. With our globally recognized product brands Besam; Crawford; Megadoor and Albany, we offer products and services dedicated to satisfying end-user needs for safe, secure convenient and sustainable operations.  
ASSA ABLOY Entrance Systems is a division within ASSA ABLOY.

**ASSA ABLOY**

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