



**BOON EDAM**  
YOUR **ENTRY** EXPERTS.

# TOURNEX.

THE **HIGH CAPACITY** REVOLVING DOOR





## CLICKABLE.

Make the most of your experience within this brochure, and hover your mouse over words and pictures to get deeper insights and inspiration. (pdf version only)

## OVERVIEW

The Tournex can optionally be equipped with a showcase with either straight or concave panels in the centre of the revolving door. Large automatic entrances like the Tournex often function as a moment of rest between the busy public space outside and the more private atmosphere inside a building. A showcase integrated in the Tournex, allows you to use that moment to ease the visitor into your world - using your branding and philosophy, or use it as a marketing space, putting consumers in the right mind set as they enter your space.

The entrance needs to fit the building's criteria on three key areas: sustainability, security and service. However the entrance requires a fourth element: great design.

The advantage of revolving doors is that they save energy while facilitating a continuous flow of people.

## SAFETY AND SECURITY ARE IMPORTANT

Security in an entry has two different aspects: the security of the building and the safety of its users. The Tournex complies with the strictest safety regulations.

Safety Sensors in the door wings and in the frame ensure that the door responds to users and objects, minimising, or even preventing, impact with the user. The door behaviour can be customised to suit your building's requirements. Such requirements could be based on your priority for safety or throughput taking into account various user groups ranging from professionally trained users to locations where people with special needs form a large part of the user profile such as children and elderly people.

## A SUSTAINABLE SOLUTION

Revolving doors are the most energy-efficient entrance solutions available today. The always open, always closed principle of a revolving door ensures that the conditioned inside air and the unconditioned outside air remain separated, preventing draught, dust and noise from coming into the building. As less energy is required to maintain the conditioned climate inside the building, revolving doors help reduce the carbon footprint of a building and save both energy and cost.

The same effect can be reached by installing a draught lobby but for draught lobbies with conventional sliding or swinging doors to be truly effective, the entrance and exit doors of the lobby can never be open at the same time.

### We offer the following additional safety measures:

- Accessibility buttons
- Visual signage on the door wings and curved walls to ensure the accessibility of our doors for all user groups.
- CE plus package

The front entrance to a public building should also include security options. Our revolving door security options allow for an added layer of protection.

### We offer the following additional security measures:

- RC3 Burglar protection package
- Manual door set locking
- External or Internal night-locking doors

## ESCAPE ROUTE

The escape route is one of the main issues when considering the main entrance to a building. The Tournex is available with an option of a collapsible door set on both the three and four-wing models.

If equipped with a collapsible door set, the Tournex can be installed in an escape route. In case of an emergency, the door set will unlock and the door wings can be folded together to create an open passageway. Please note that the minimum passage widths are subject to local regulations and building specifications.

## KEY FEATURES

- 3 or 4-Wing configuration
- Automatic operation
- Large selection of dimensions
- Rigid or collapsible door set
- Speed control
- Night-locking options

## PUT YOUR STAMP ON IT

A larger version of the Tourniket, the Tournex is available with three or four-door wings and allows easy and quick access to large amounts of visitors, wheelchairs, large carts and luggage. Like the Tourniket it is available in virtually any colour, ranging from traditional RAL colours to the deep-matt finishes resembling anodizing, yet in an eco-friendly manner. Optional showcases around the centre column of the door set allow for customisation or advertisements. Because of its size, it is only available in an automatic version.

Our revolving doors are available in a wide variety of heights and widths with different canopy heights and heights under canopy, ensuring that many design wishes can be solved with one of our standardised products. If your design falls outside the options that are available, our sales managers and engineers will work with you to create a safe and sustainable entrance that meets all requirements.

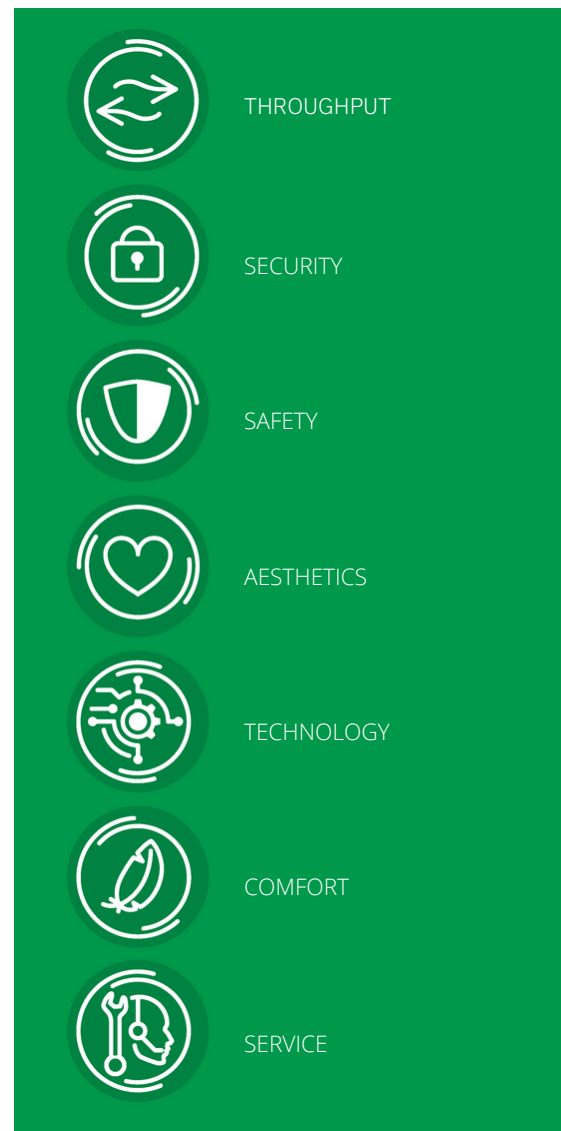
## KEY BENEFITS

- Handles high capacity throughput
- Easy to use and operate
- Access for all (easy, convenient disabled support)
- Automatic operation for touchless entry
- Sustainable and energy-saving
- Reduced air infiltration
- Good ROI
- Highly customisable

## SUGGESTED SEGMENTS

- Retail
- Healthcare
- Airports
- Corporate
- Governmental
- Restaurants and hospitality

**You can level up in any of these categories:**



# LEVEL UP

If our standard specifications do not quite suit your needs, we open up opportunities for you to 'Level Up' where it counts most. You can also do this according to your most motivating value driver:

The specification table shows you our standard product options, and to the right of these, you can easily see, and consider, any compatible 'Level Up' options for fine-tuning the Tournex.



A: 3-Wing collapsible star model (most popular)

B: 4-Wing collapsible star model (variation)

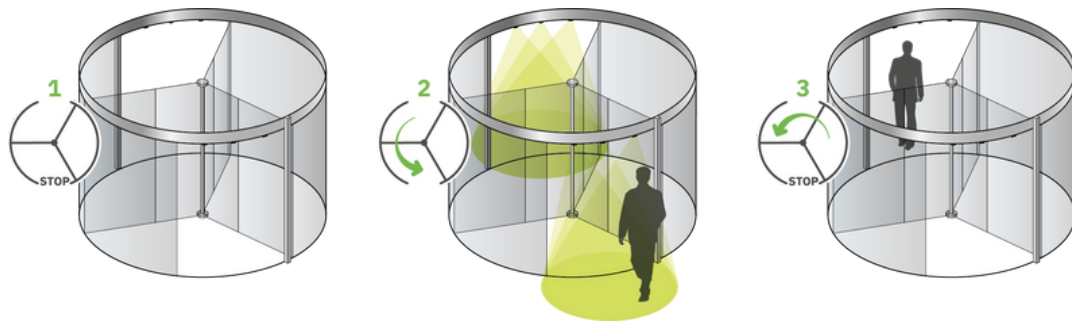


## TECHNICAL SPECIFICATIONS

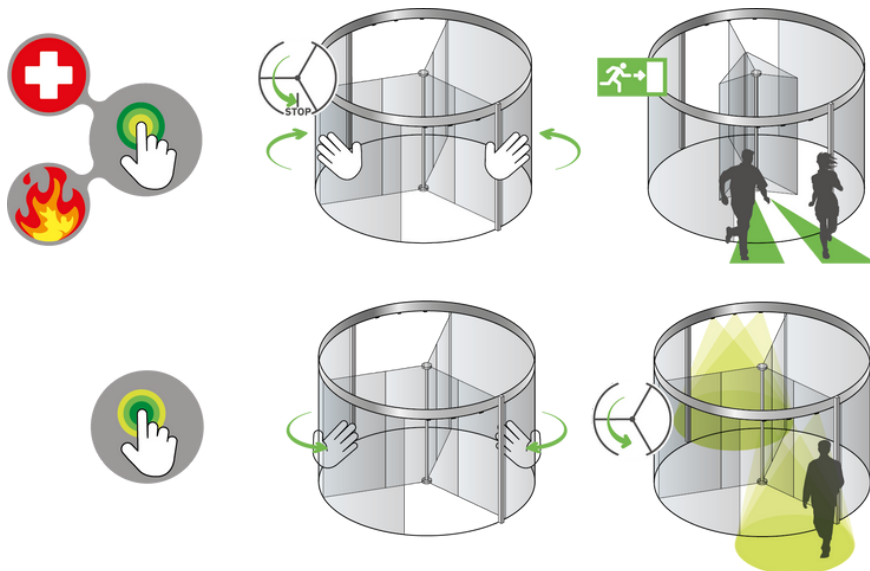
 <b>THROUGHPUT</b>	<b>MOST POPULAR</b>	<b>VARIATIONS</b>
Throughput	2 x 72 People per minute	2 x 36 - 2 x 91 People per minute
Diameter	6000 mm	Available as standard in any diameter between 3600 - 7400 mm in increments of 600mm
Height Under Canopy	2200 mm	Available as standard between 2200 - 2600 mm.
Canopy Height	300 mm	Available as standard between 300 - 1200 mm
Throat Opening	2770 mm	Available as standard between 1570 - 4053 mm
Number of Doors / Wings	3	4
 <b>SECURITY</b>	<b>MOST POPULAR</b>	<b>VARIATIONS</b>
Night-locking	Manual-locking door set	External or internal night-locking doors
Controllable Locking	Security lockdown	-
Protection Level	Vandal resistant safety glass (P2A)	RC3 Burglar protection package
 <b>SAFETY</b>	<b>MOST POPULAR</b>	<b>VARIATIONS</b>
Safety Packages	CE Basic	CE Plus / DIN 18650 / UKCA / ANSI / Chinese standard
Drive Unit	Drive with speed control and block detection	-
Escape Route	Collapsible door set with activation button	Rigid door set, no escape route
Fire Alarm	Connection prepared in control system	-
 <b>AESTHETICS</b>	<b>MOST POPULAR</b>	<b>VARIATIONS</b>
Finish	Powder coated aluminium	Anodic coated aluminium Stainless steel cladding brushed / mirror
Glass	Glass decals	Tinted and low iron glass options
Canopy	Extruded solid canopy	Glass roof 18 mm Canopy cover material options
Ceiling	Coordinated colour, material and finish	Alternative colour, material and finish
Door Handles	-	Vertical Ø40 mm
Floor Mat and Trim	Floor mounted	Matwell trim Floor mat
 <b>TECHNOLOGY</b>	<b>MOST POPULAR</b>	<b>VARIATIONS</b>
Drive	Drive unit in canopy	-
Door Control	Control panel on door	Control panel external Door connected to BMS
 <b>COMFORT</b>	<b>MOST POPULAR</b>	<b>VARIATIONS</b>
Accessibility	-	Push-button temporary low speed Autofolding door set for barrier friendly entrance
Lighting and Sound	LED's 14	Custom LED's / lighting Voice module
Climate Control	Genuine horse hair brushes with EPDM interlayer	
Activation	Motion sensors Welcome mode - idle speed	-

For more variations, to suit your project even further, please contact your entry expert.

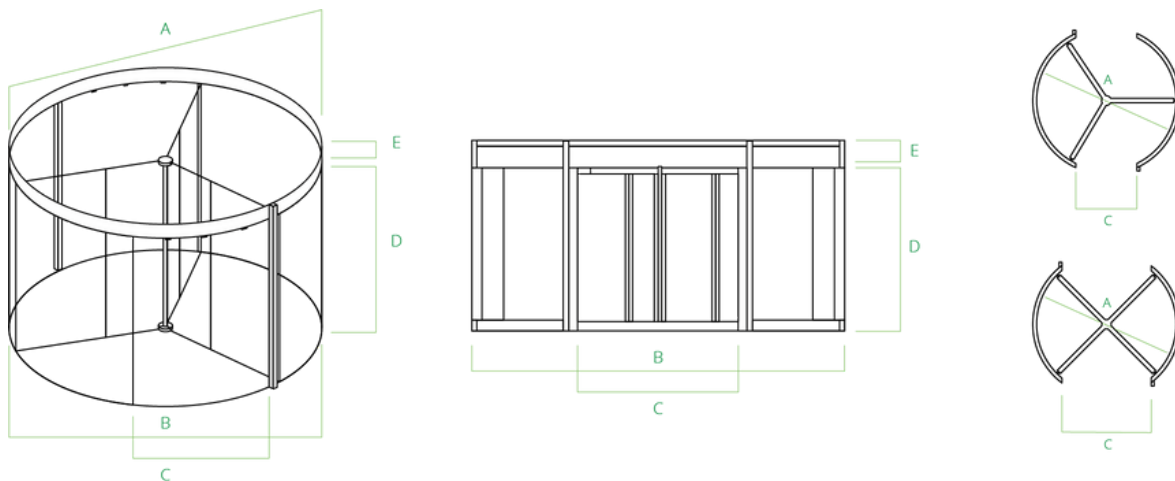
## WORKING PRINCIPLE - STANDARD



## WORKING PRINCIPLE - COLLAPSIBLE DOOR SET



## TECHNICAL DIMENSIONS



- A. Diameter
- B. Installation Width (mm)
- C. Throat Opening (mm)
- D. Height Under Canopy (mm)
- E. Canopy Height (mm)





## SERVICE AND MAINTENANCE

With hundreds of thousands of visitors passing through an entry every day, continued and reliable operation is vital. Regular service and maintenance can prevent unexpected hardware breakdowns. Boon Edam's service and maintenance teams across the world are experienced in the effects the local conditions have on the wear and tear of your entry solutions and can offer specialised service and maintenance contracts that correspond to those conditions perfectly.

## COMPLIANCE

Boon Edam entrances are trusted solutions that allow organisations to meet compliance regulations related to restricting access to areas within a building. We take compliance and safety very seriously and ensure that our products are manufactured, installed and maintained to keep up with the strict criteria required in all our countries. We are always improving and committed to making sure our products are compliant and certified. More information can be found on our website under 'About Us'.

### **The Tournex complies with the following European standards:**

- Machine Directive 2006/42/EC
- EMC Directive 2014/30/EC
- RoHS Directive 2011/65/EU
- EN16005 - Safety in use for power pedestrian doors
- EN1627 – Burglar-resistant package
- EN356 – Glass specification



# OUR REACH IS GLOBAL.

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We have been in business for 150 years manufacturing premium aesthetic and security entrance solutions in the Netherlands, United States of America and China. We can confidently say that we cover every corner of the globe with subsidiary companies in major cities across the globe. Furthermore our global export division not only partner with our distributors, but also offer direct sales and service to every territory. This wide net allows us to have a strong global footprint as well as a personal grasp of local markets and their unique entry requirements.

To find your closest Boon Edam expert, please go to:  
[www.boonedam.us/contact](http://www.boonedam.us/contact)



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