

Tourniket



The all round revolving door

The Tourniket is a high quality revolving door with eye-catching features. Its unique design combines architectural beauty with the highest degree of flexibility. From saving energy costs to the use of intelligent safety features, every aspect of this revolving door is designed to fulfill the needs of our customers.

2, 3 or 4 door wings

The Tourniket is available with 2, 3 or 4 wings, with each configuration offering its own unique advantages. The 2-wing Tourniket is an automatic revolving door with the largest possible segment size, ideally suited to applications where people need to carry luggage or other bulky items. The 3- and 4-wing Tourniket versions are available with manual or automatic operation depending on size and application. The 3-wing models provide a balance of segment size, throat opening and

capacity while the 4-wing versions provide the most efficient bi-directional pedestrian traffic flow, because of the wider throat opening.

Universal entrance solution

The variety of configurations enables us to offer you a suitable entrance solution for almost any building. You will often find our Tourniket revolving doors in offices, hotels, supermarkets and many types of public buildings.

The 3- and 4-wing Tourniket

The extensive range of options and sizes make the 3- and 4-wing Tourniket an extremely versatile and practical choice. Both versions are ideal for heavier traffic flows, making them the perfect choice for offices, hotels and supermarkets. Smaller doors are generally manually operated and extremely cost-efficient while larger ones can be fully automated for maximum user comfort.

The Tourniket has many options in design including the options for an elegant framed doorset, or to increase transparency, a version with a transparent centre section and glass canopy. The 3- and 4-wing doorset is available in rigid, folding and collapsible versions.

Night locking options

The Tourniket is available with a variety of manual or remote automated controlled night locking options. The automatic locking options can be combined with an access control system, allowing authorised users to enter the building at night.

Our night locking doors, to close the Tourniket completely, can slide on the outer perimeter of the door, or can be fully integrated into the curved walls, sliding inside the frame. This allows a flexibility in the positioning of the door, still benefiting from the advantages of the night locking doors.



Boon Edam is the first to offer the option of night locking doors on its revolving doors with an approved Burglary Resistance package. This is part of the Class 3 package, which includes: special burglar resistant laminated glass, special locking and reinforced profiles. The burglar resistant system has been developed and tested in compliance with the applicable European (ENV1627) standards and certified by a specialised notified body.

Standard dimensions and traffic flow

D Diameter (mm)	C Throat opening (mm)	E Installation width (mm)	Max persons/ segment	Capacity/ minute ¹	Type of traffic	Escape route ²	Disabled access
3-wing Tourniket							
1600	700	1677	1	2 x 22	↑	→	-
1800	800	1877	1	2 x 22	↑	→	-
2000	900	2077	1	2 x 22	↑	→	-
2200	1000	2277	1	2 x 20	↑	→	-
2400	1100	2477	1	2 x 18	↑	→	-
2600	1200	2677	2	2 x 33	↑	→	-
2800	1300	2877	2	2 x 31	↑	→	-
3000	1400	3077	2	2 x 29	↑	→	-
3200	1500	3277	3	2 x 41	↑	→	-
3400	1600	3477	3	2 x 38	↑	→	♿
3600	1700	3677	3	2 x 36	↑	→	♿
3800	1800	3877	4	2 x 46	↑	→	♿

¹ Maximum capacity per minute indicates how many people can pass through the Tourniket in both directions under normal conditions.

² Only with collapsible door set option.

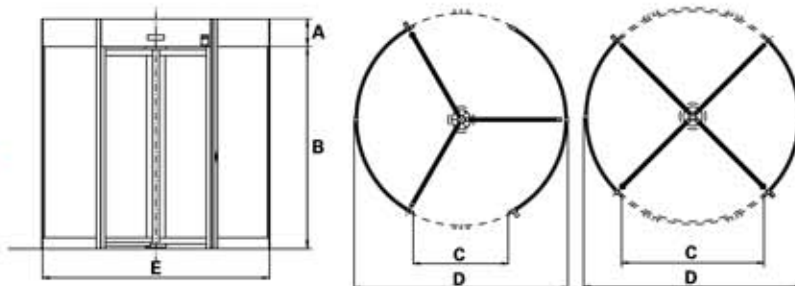
Standard dimensions and traffic flow

<i>D</i> Diameter (mm)	<i>C</i> Throat opening (mm)	<i>E</i> Installation width (mm)	Max persons/ segment	Capacity/ minute ¹	Type of traffic	Escape route ²	Disabled access
4-wing Tourniket							
1600	1055	1677	1	2 x 26	↑	→	-
1800	1195	1877	1	2 x 26	↑	→	-
2000	1335	2077	1	2 x 26	↑	→	-
2200	1475	2277	1	2 x 26	↑	→	-
2400	1615	2477	1	2 x 24	↑	→	-
2600	1755	2677	1	2 x 22	↑	→	-
2800	1895	2877	1	2 x 20	↑	→	-
3000	2035	3077	2	2 x 38	↑	→	-
3200	2175	3277	2	2 x 36	↑	→	-
3400	2315	3477	2	2 x 34	↑	→	-
3600	2455	3677	2	2 x 32	↑	→	-
3800	2595	3877	3	2 x 46	↑	→	-

¹ Maximum capacity per minute indicates how many people can pass through the Tourniket in both directions under normal conditions.

² Only with collapsible door set option.

	<i>A</i> Canopy height (mm)	<i>B</i> Height under canopy (mm)
All Diameters	200-1200	2100-2600





Technical specifications

Power supply	200-240 VAC, 50/60 Hz
Motor	AC motor, 3-phase
Power consumption	
Drive unit	250W
Lightning	28W (low energy)
	8l / (halogen)
Ambient temperature	-20°C to +50°C
Fuse	External power supply fused with 16 A slow

High quality

At Boon Edam, we take quality seriously. Quality of the materials we use, quality of our employees as well as our partners. As with all Boon Edam products, the Tourniket is manufactured to the highest standards, is CE approved and complies with the Machine Directive (98/37/EEC), the EMC-Directive (89/336/EEC) and the Low Voltage Directive (93/68/EEC).

Many Boon Edam revolving doors have been approved by the Dutch Council of the Chronically Ill and the Disabled as being accessible for disabled people. When you install this type of door in your building, your entrance will meet the requirements of the international accessibility symbol (ITS).



The Burglar Resistant Tourniket has been tested, assessed and certified by the Dutch notified body SKG in accordance with NEN 5096 and ENV 1627.



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