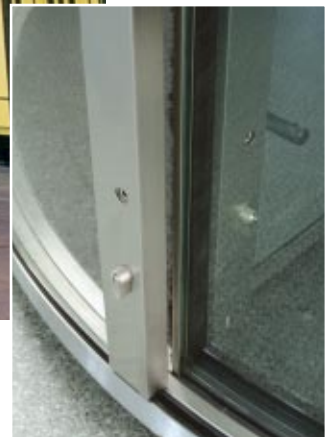


Crystal Tourniket



Crystal Tourniket

The Crystal Tourniket is a virtually transparent revolving door that is perfect for use with contemporary glass facades while still blending in beautifully with more classical architectural styles. It uses a combination of laminated and toughened glass to replace the traditionally framed elements of the door to a bare minimum.

The Crystal Tourniket is available in a

3-meter diameter as well as a 3-meter height. The curved walls that form the drum are totally frameless with only small cappings, where required for safety and the glass soffit is fixed with specially designed clamps. The door set, which is available in 3 or 4 wing version, is constructed from toughened glass with a clamp at the centre and the smallest possible section to

hold the horsehair draught strip. Available in a wide range of sizes with a choice of manual, semi automatic and fully automatic operation, the Boon Edam Crystal Tourniket brings together quality in both engineering and service, conforming to all current European Standards.

Crystal Tourniket

Operational Features

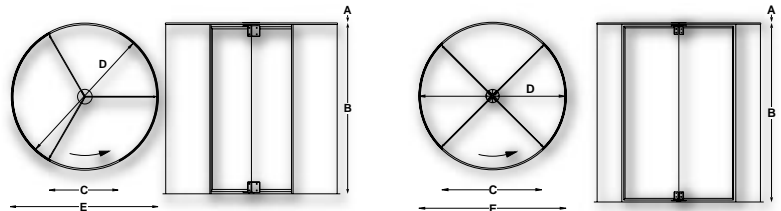
The door set is constructed from 12 mm flat clear tempered glass panels clamped with removable glass clamps at the top and bottom pivot points without the need for a centre column. All outer edges are fitted with replaceable weather stripping in 25 mm profiles. The ceiling panel is standard provided with an integrated water trim all around. The matwell trim has a removable part, which, in combination with the removable glass clamps, allows easy glass installation. The collapsible door set is provided with a unique and patented electro-mechanical locking system guaranteed to resist 10 Beaufort at internal diameters of up to 3000 mm. The soffit is fully glazed and constructed in two halves which fit directly onto the glass curved walls and are secured with special fixing clamps.

The "frameless" curved walls are constructed from 17 mm laminated glass recessed into the matwell trim, which is installed in the finished floor. The vertical edges of the glass are covered by protective cappings.

The door handles from Boon Edam include standard horizontal or vertical push bars, or alternatively, the door set can be prepared for customised handles.

Locking is provided by fully integrated locks in the end style of the door wing. Additional security can be achieved with external night sliding doors. Constructed in the same manner as the curved walls, these are mounted on a special stainless steel track fixed to the glass soffit and can be used to close off the door opening. Night sliding doors are also provided with fully integrated locks.

Standard dimensions (in mm)



D	A	B*	C 3-w	C 4-w	E
1600	17,5	2200	752	1093	1650
1800	17,5	2200	852	1235	1850
2000	17,5	2200	952	1376	2050
2200	17,5	2200	1052	1518	2250
2400	17,5	2200	1152	1659	2450
2600	17,5	2200	1252	1800	2650
2800	17,5	2200	1351	1942	2850
3000	17,5	2200	1451	2083	3050

Beside the standard measures, other options are possible.
For more information please contact your nearest distributor.

*minimum



Remote locking of the door set can be provided by the Tourlock 360 locking unit which when activated will lock the centre shaft, preventing the door from turning.

Fully automatic operation can be provided via the Boon-O-Matic electro-mechanical drive unit. Although available on any size of door, automation is particularly useful for larger doors, those specified with heavy glazing or where user convenience is a prime request. When not in use, the door will return to the rest position with the door wings lined up with the ends of the curved walls, ensuring maximum draught efficiency.

Safety features

A full range of sensors is available to ensure compliance with European Safety

Standards. These include; emergency stop buttons, active and passive rubber safety buffers, temporary speed reduction buttons and infrared sensors. Requirements differ depending on the location and size of the door and we will be pleased to offer advice for any specific application.

CE-classification

All our appropriate products meet the demands of the machinery directive (98/37/EG), the EMC directive (89/336/EG) and the low voltage directive (73/23/EG).

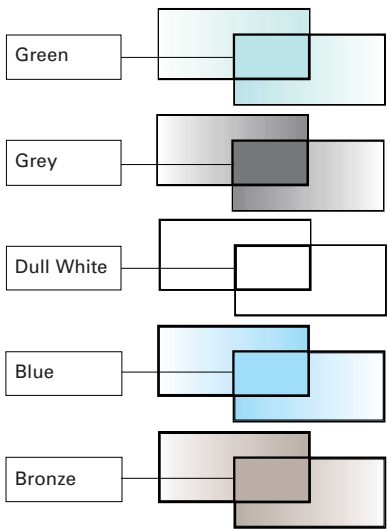
Power supply

Single phase, 240V, 50Hz, 10a supply is required to the drive with all external cabling and conduit runs provided by others.



Coloured glass options

The Crystal Tourniket is also available with a 0,38 mm layer of transparent coloured polyvinylbutyral (pvb) within the glass. This glass is only available for the ceiling panel, the curved side walls and the night sliding doors, for heights of up to 3000 mm. Colours: green, grey, dull white, blue and bronze.



Crystal Tourniket



Crystal Tourniket features:

- Glass construction gives a timeless quality
- Minimalist design to give maximum transparency
- Ideal for use in both contemporary and traditional building designs
- Easy to apply in refurbishment projects
- Diameters of 1600-3000 mm give maximum flexibility
- Manual, semi automatic and fully automatic operation ensures ease of use for all



Distributor

CTOPS-0903-GBR-95903112