

ATLAS

AUTOMATIC REVOLVING DOOR



- The prestige solution for the entrance into any building
- The ATLAS brings together a combination of aesthetics and reliability all in one revolving door



APPLICATIONS

- Suited for applications requiring high volume access and a draft block between the internal and external environments
- Used extensively in applications such as office blocks, banks, universities, public buildings and health clubs

DESIGNED FOR

- Installation on the facade of a building
- Severe operating conditions

AVAILABLE CONFIGURATIONS

- 3 wing (120°) and 4 wing (90°)

SECURITY RATING



UNIQUE FEATURES OF THE ATLAS AUTOMATIC REVOLVING DOOR

- Ultra heavy-duty manual revolving door
- Designed by professional engineers

RELIABLE TECHNOLOGY

- Steel frame structure and internal supports
- Deep groove sealed bearings providing extra longevity
- Servo motor

DURABLE FEATURES

FRAME

- Frame and ceiling of powder coated mild steel or brushed stainless steel
- Standard glazing of 8mm toughened curved glass
- Stainless steel brackets for the fixing of the curved glass
- Structural high density silicone for the glass surrounds

WINGS

- Stainless steel spider at top and bottom for glass clamping
- Standard glazing of 12mm frameless toughened glass
- Polypropylene brushes in anodised aluminium profile mounted on top, side and bottom of glass wings
- Night lock bolt fitted to one of the glass wings

AUTOMATION

- Heavy duty motor and gearbox in direct drive arrangement - no chains or belts
- Motion detector at both entrances to initiate rotation
- Servo motor operating at low torque
- Optical rubber safety edges fitted to entry uprights - allowing instantaneous stopping upon activation to prevent injury

GUARANTEED MANUFACTURED TO LAST

- Zero maintenance
- 2 year guarantee
- 1 year electrical guarantee

THE GRASS IS ALWAYS GREENER

A revolving door will save you money and help preserve the environment, one step at a time.

That's because conventional hinged and sliding doors can allow up to 8 times as much airflow as a revolving door, which creates a draft block between the inside and outside of a building. Lowered air-conditioning and heating costs and a lower carbon footprint means that a Turnstar revolving door is a win-win solution.



TECHNICAL NOTES

DESIGN

- Modular bolt-together design for ease of transport and rapid installation. Components can pass through a standard door. Can be packed in broken-down form either onto a pallet or into a crate for transport
- Free standing structure which can be installed into a new or existing shopfront

POWER REQUIREMENTS

- 3 phase + neutral + earth

LIGHTING

- Low voltage LED downlighters

INSTALLATION NOTES

- Fixing surface is to be level (tolerance +/- 5mm)
- Cannot be installed on an expansion joint
- Fixed to an existing floor by means of countersunk anchor bolts

MANUFACTURING OPTIONS

WING OPTIONS

- 3 wing configuration (allowing a larger space whilst walking through the door but a smaller entrance into the door)
- 4 wing configuration (allowing a larger entrance into the door but a smaller space whilst walking through the door)

FINISH OPTIONS

- Mild steel with UV resistant polyester exterior powder coat finish (white) ▲
 - 304 grade brushed stainless steel
 - 316 grade brushed stainless steel ■
- ▲ other colours available on request
■ suitable for corrosive environments (details available on request)

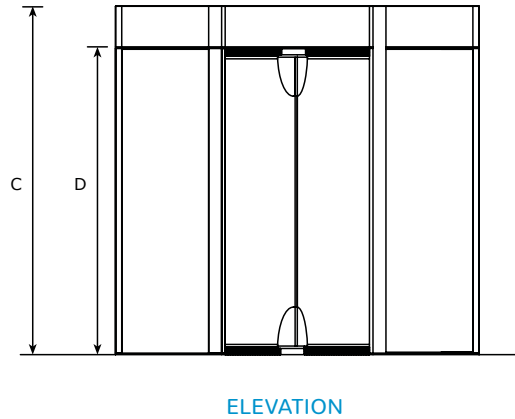
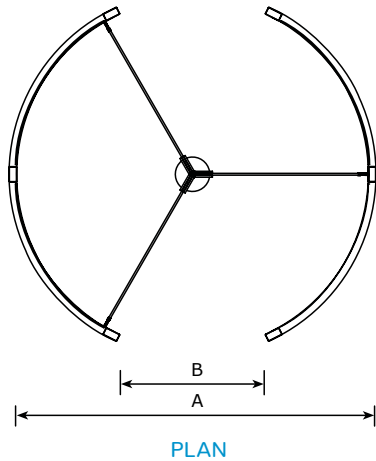
Custom designs are available on request.

ATLAS MANUAL STAR INSTALLATIONS

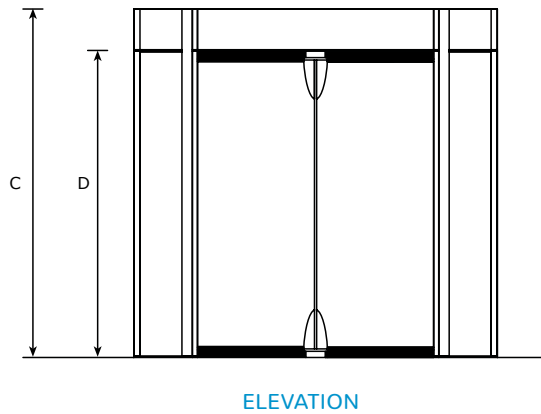
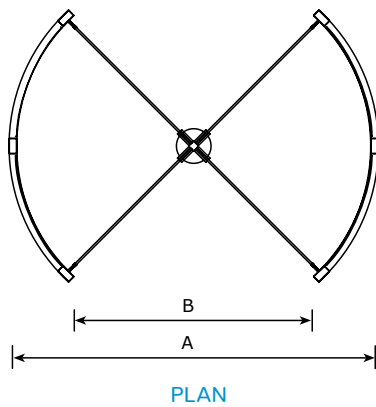


ATLAS MANUAL RANGE

3 WING



4 WING



CODE	DESCRIPTION	DIAMETER (A)	ENTRANCE OPENING (B)	HEIGHT (C)	HEADROOM (D)
TSRD3A1.6	ATLAS 1.6m 3 wing automatic revolving door	1 600	645	2 300	2 020
TSRD4A1.6	ATLAS 1.6m 4 wing automatic revolving door	1 600	993	2 300	2 020
TSRD3A1.8	ATLAS 1.8m 3 wing automatic revolving door	1 800	730	2 300	2 020
TSRD4A1.8	ATLAS 1.8m 4 wing automatic revolving door	1 800	1 135	2 300	2 020
TSRD3A2.1	ATLAS 2.1m 3 wing automatic revolving door	2 100	860	2 300	2 020
TSRD4A2.1	ATLAS 2.1m 4 wing automatic revolving door	2 100	1 345	2 300	2 020
TSRD3A2.4	ATLAS 2.4m 3 wing automatic revolving door	2 400	990	2 300	2 020
TSRD4A2.4	ATLAS 2.4m 4 wing automatic revolving door	2 400	1 555	2 300	2 020
TSRD3A2.7	ATLAS 2.7m 3 wing automatic revolving door	2 700	1 115	2 300	2 020
TSRD4A2.7	ATLAS 2.7m 4 wing automatic revolving door	2 700	1 765	2 300	2 020
TSRD3A3.0	ATLAS 3.0m 3 wing automatic revolving door	3 000	1 250	2 300	2 020
TSRD4A3.0	ATLAS 3.0m 4 wing automatic revolving door	3 000	1 985	2 300	2 020

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