

Opening Doors Worldwide!

TORMAX REVOLVEDOOR
Turn System



★★★★★
TORMAX
AUTOMATIC



*Presentation, style, quality.
The first impression is always the
one that counts. And not just
for people, for doors also.
TORMAX Turn System CLASSIC,
Scandic Hotel, Denmark.*

Revolving Doors. The Refined Revolution.

CONVENIENCE

Revolving doors welcome you in. Visitors, customers and guests can leave through a door just as easily as they entered – whether they come in with their hands full and leave empty-handed or vice versa.

STYLE

Revolving doors are as elegant as representative. They are therefore equally suitable for a company's head office, a hotel, a shopping centre, an airport, an office building or a bank. In short, wherever buildings want to make a statement, revolving doors communicate style.

CLIMATE

A salesperson working next to the entrance? A hotel lobby without a draft? What is required is a pleasant, uniform temperature which also facilitates efficient climate management within the building. Revolving doors meet these requirements. The fresh air remains inside and the noise, dirt, car exhausts and wind stay outside.

TORMAX. The Specialist.

Advice, offers, installation and after-sales-service: TORMAX is the specialist for revolving doors and all related services. For revolving doors which operate with extreme reliability and are practically maintenance-free – right round the clock if you wish.

Select exactly the door system you need from our wide range. You will always be pleased with it.

The TORMAX Turn System. The Clever Choice.

QUALITY

The heart of automatic doors is the drive. We developed the long-life AC motor and subjected it to the same extensive tests we impose on all other components which make our revolving doors so robust and reliable. Examples? The safety glass which is standard in all our doors or the two rows of thick, natural horse-hair brushes which project beyond the edges of our doors.

QUALITY

SAFETY

We call the safety provided by our revolving doors “factory integrated safety” – quite simply because of the optimal coordination of the different safety features we build into our doors in the factory. Amongst our safety features are a drive with high dynamic braking power, monitored safety features and rounded corners at all hazardous areas.

Every system has to undergo intensive quality control tests during production. All that is needed on site is to make the electrical connections. Depending on the model, TORMAX revolving doors are equipped with the following safety features:

- Activation sensors
- Pre-mullion safety
- Mullion safety
- Horizontal safety pressure strips
- Vertical safety pressure strips
- Break-out devices
- Emergency stop buttons and buttons for the disabled
- Finger protection

SAFETY

INDIVIDUALITY

The TORMAX Turn system is manufactured using clearly defined quality management procedures. You can always count on this – whether you select a door system from our standard range or whether you have individual ideas and requirements – requirements which we always welcome.

INDIVIDUALITY



*Even the most modern accessories
require precise craftsmanship*



*Scarcely visible sensors form part
of "factory integrated safety"*



*Glass ceiling with fibre-optic
illumination (optional extra)*



One System. Many Models.



CLASSIC (CL) small

Excellent workmanship meets classic, timeless design. The 56×56 mm aluminium edge profiles provide an impression of lightness (73 mm at the top and 105 mm at the bottom of the curved enclosure wall), the canopy compartment, including rain-water retention system measures from only 250 mm (100 mm without drive). Suitable for door diameters up to 4.0 m. The drive may be installed above the door or optionally in the floor.



CLASSIC (CL) large

Excellent workmanship meets classic, timeless design. The centre column is made of steel and is stronger than that of CLASSIC small; it is also equipped with an integral break-out** system and is therefore suitable for door diameters from 3.6 to 6.2 m. The aluminium profile frame measures 76×76 mm and the canopy compartment 500 mm. It can also be supplied with an optional central display case. The drive is installed above the door.





LIGHT FRAME (LF)

You never imagined that revolving doors could be so delicate and yet so strong. This lightness is provided by precision-manufactured slender framing profiles which measure only 40×20 mm on the door wings and 40×30 mm on the curved enclosure walls. The glass canopy also contributes to the elegant appearance. In addition, the internal edges of the wings are not framed by a profile and are installed without a centre column; the canopy compartment is only 40 mm high (45 mm with night closure doors) and the drive is installed in the floor.



FULL GLASS (FG)

Futuristic, light, clear. The name says it all – this model is made almost completely from safety glass. Grounded stainless steel finish on the door frames with 40×20 mm profiles and on the curved enclosure walls with 40×30 mm profiles. The floor profiles can even be concealed in the floor itself. The canopy is made completely from glass and the door wings need no centre column. The stainless steel canopy rim measures a mere 25 mm (45 mm with night closure doors).

Drive *	Model	Number of wings	Diameter (mm)	Capacity (Pers/hour)	Use	Passage height (mm)	Open position/ break-out **	Material/ colour ***
Manual	5051.CL	 	Ø 1800–2700	800–1100		2100–3000 Canopy height: from 100 mm	Optional  	Standard Aluminium • powder coated in standard RAL colours Options Aluminium • anodised, natural Stainless steel • ground • polished • mirror polished
			Ø 2700–3400	1100–1400	 			
Servo Automatic	5151.CL		Ø 1800–2700	800–1100	 	2100–3000 Canopy height: from 250 mm		
			Ø 2700–3400	1100–1400	 			
Fully Automatic	5251.CL		Ø 1800–2900	800–1200	 			
			Ø 2900–4000	1400–1600	  ¹⁾			
Fully Automatic	5351.CL	Ø 3600–4800	1600–2300	  ²⁾ 	2100–3000 Canopy height: from 500 mm	Standard	Brass • mill finish Others on request	
		Ø 4800–6200	2300–2900	 		 		
Manual	5051.LF	 	Ø 1800–2700	800–1100		2100–3000	Optional  	Standard Stainless steel/ Aluminium • powder coated in standard RAL colours Options All finishes described above
			Ø 2700–3400	1100–1400	 			
Servo Automatic	5151.LF		Ø 1800–2700	800–1100	 	Canopy height: from 40 mm		
			Ø 2700–3400	1100–1400	 			
Fully Automatic	5251.LF		Ø 1800–2900	800–1200	 			
			Ø 2900–4000	1400–1600	  ¹⁾			
Manual	5051.FG	 	Ø 1800–2700	800–1100		2100–3000	Optional  	Standard Stainless steel/ Aluminium • ground 180/240 Options All finishes described above
			Ø 2700–3400	1100–1400	 			
Servo Automatic	5151.FG		Ø 1800–2700	800–1100	 	Canopy height: from 25 mm		
			Ø 2700–3400	1100–1400	 			
Fully Automatic	5251.FG		Ø 1800–2900	800–1200	 			
			Ø 2900–3600	1400–1600				

* We distinguish between manual revolving doors (no drive), servo-automatic revolving doors which are driven when the doors are gently pushed, and fully automatic doors whose operation is fully controlled by sensors.

** The mechanical emergency opening system ("break-out" system) opens the doors at a given, adjustable force and automatically stops the rotation. The door wings can also be permanently placed in the open position. Return to normal operation is set by hand.

*** for curved walls-, door wings- and canopy profiles

1) 3-wings from Ø 3600 mm
4-wings from Ø 4200 mm

2) 3-wings from Ø 4200 mm
4-wings from Ø 4800 mm



*Spaciousness, lightness, novelty.
Further properties of revolving doors.
TORMAX Turn System CLASSIC,
Copenhagen Opera House.*

The Extras. Additional Functions.

EXTRAS



Touchless sensors

Sensors on the door wings recognise slow-moving persons or obstacles and automatically adjust door speed.



Air curtains

Minor drafts can be excluded by a warm air curtain. The heat can be provided by electricity or the building's heating system.



Display cases

The entrance can be further enhanced or used for advertising your own products by the simple addition of a central display case (optional for model 5351.CL)



Floor-mounted drives

The drive can be installed in the floor even in the case of the classic (CL) model up to Ø 4.0 m (additional charge). As with the LF and FG models. The glass cover (see the illustration) is available as an option.



Access control

To provide you with control over persons entering the building. Supports badge, key or other identification systems.



Night closure doors

Night closure doors are available for all models. An ingenious internal guide (for CL models) has been developed to protect the mechanism from the weather and prevent the accumulation of dirt.



TORMAX. Opens the World's Doors.

TORMAX is a pioneer in door automation. The company installed Europe's first automatic revolving door more than 50 years ago. Today we are represented in 50 countries across the world. We are therefore somewhere close you.



Swiss quality for over 50 years in the construction of drive systems



Efficient use of energy in door operation and production



Compliance with the most rigorous European and global standards



Network and complex building management system connection capabilities



World-wide service provided by subsidiaries and independent distributors on five continents.

Further Incomparable Door Systems From TORMAX



For entrances
to turn heads

*TORMAX SLIDEDOOR
Curved System*



For limited spaces

*TORMAX SLIDE-SWINGDOOR
Rollin' System*



For safe
escape routes

TORMAX ESCAPEDOOR

Ask your TORMAX distributor for detailed information on these special door systems. We also supply door systems for hospitals and medical centres, sealed areas and special security areas.

★★★★★
TORMAX
AUTOMATIC

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