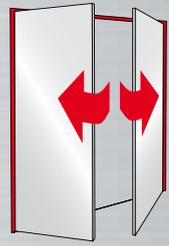


Automatic Swing Door Systems





Driven by Quality

Jointly with proven partners TORMAX realises swing door solutions to meet most varying requirements throughout the world. The centre piece, the drive, is designed, developed and produced by TORMAX itself. Every single drive fulfils the highest quality requirements and is subjected to tough tests before leaving our premises.

Drive solutions of TORMAX have been the global yardstick for economical door automation systems in buildings since 1951.



Intelligence Made to Measure

iMotion is the new generation of TORMAX for automatic door drive systems. With this system you opt for intelligence, reliability, economy and ecology. iMotion offers precisely what is needed by planners, architects, operators and users to fulfil their desires:

iMotion®

the passion to drive doors

- operating safety, even when user frequency is at its most
- extremely long life cycle
- absolute reliability
- low maintenance requirement
- all-out safety for persons
- dynamic opening and closing motions
- silent door leaf motion
- materials according to RoHS standard
- interface to any kind of building management systems
- individual applications for indoors and outdoors
- ready for future extensions



intelligent



modular



ecological



reliable



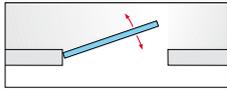
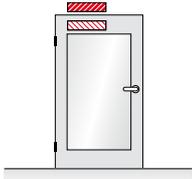
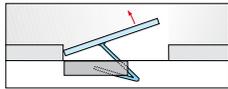
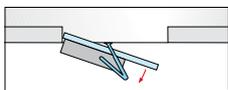
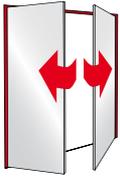
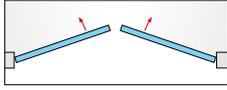
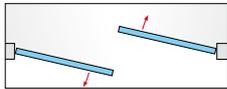
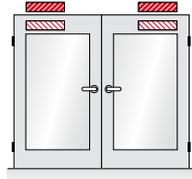
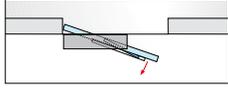
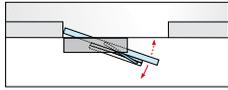
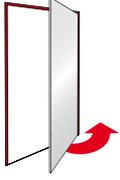
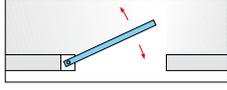
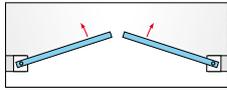
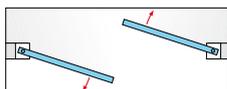
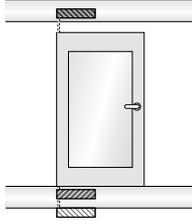
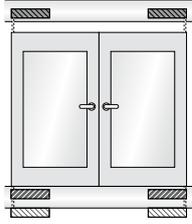
economical

www.imotion.net

You can also find further proven TORMAX drives in addition to iMotion in our swing door range. Compact structure and plain design pave the way to manifold possibilities of design.

Mobility in Every Building

Everywhere, where the manual actuation of doors is cumbersome or difficult, automatic swing doors of **TORMAX** facilitate the passage. They are easy to mount and thus are ideally suitable both for new buildings and for retrofitting jobs. The varying fitting possibilities pave the way for mobility without being impaired by obstacles.

Type	Type of opening	Mounting position	Type of linkage
Single-leaf			
	 <p>opening to the left or to the right</p>	 <p>  lintel mounted  door-leaf mounted </p>	 <p>standard linkage, lintel mounted</p>
			 <p>standard linkage, door-leaf mounted</p>
Double-leaf			
	 <p>opening in the same direction</p>  <p>two-way opening</p>	 <p>  lintel mounted  door-leaf mounted </p>	 <p>sliding lever lintel mounted</p>
			 <p>sliding lever lintel mounted with panic fitting</p>
Invisible drive solutions			
	 <p>opening to the left or the right</p>  <p>opening in the same direction</p>  <p>two-way opening</p>	  <p>  in the ceiling  in the floor  to the cellar ceiling no linkage </p>	

The basic technical conditions vary depending on drive and system:

Door-leaf weight	up to 450 kg per door-leaf on 1 m width
Maximum door-leaf width	up to 1.60 m
Profile thickness door leaf	variable
Lintel depth	great flexibility

Other data upon request

Automation for Every Door

Automatic swing doors are very practical: They close tightly and are easy to mount. When newly installed they only require slight adjusting work and existing manual doors are automated quickly. In hotels, restaurants, shopping centres, shops, office buildings, hospitals, nursing homes, schools, cultural buildings etc. automatic swing doors increase comfort and make it possible for frail persons to enter without having to overcome obstacles.

Automatic swing doors or the automation of manual doors: you find exactly the solutions you need at TORMAX.



Automatic swing doors of TORMAX seal the entrances to such an extent that it stays warm inside and cold outside – and vice-versa. Odours, sounds and noises also stay where they arise and thus the adjoining rooms and areas are not burdened.

In addition, automatic swing doors fulfil a number of further requirements if needed:

Fire and smoke protection

- close safely in case of fire
- protection against fire and smoke spreading

Smoke dispersal

- if a fire occurs the doors open safely to ensure fresh air can flow in

Rescue and escape routes

- for safe emergency exits
- manual opening possible in case panic breaks out

Installation into floor or ceiling

- no visible drive, no linkage
- ideal, if aesthetic aspects or heavy doors are of importance

Hermetically closing doors

- absolute tight close
- for instance in clinics, laboratories, sensitive production halls or workshops

Noise insulation doors

- optimum protection against sound

Radiation protection doors

- protection against radiation in clinics and other sensitive areas

Minergie doors

- prevent unnecessary open times and the loss of energy in such connection

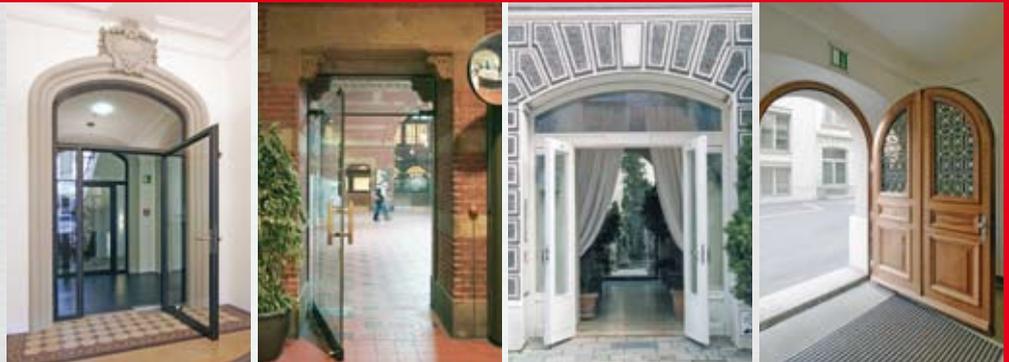
Barrier-free building

- simple adjustment with contact-free switch and longer open times

Unlimited Design

Variable design, combined with the almost unlimited technical possibilities provided by TORMAX make it possible for you to automate every swing door optimally – in listed houses just as in modern buildings. The choice of door filling is not limited: wood, glass, plastic, steel or any other material is possible. The door profiles can be stove-enamelled in any desired colour, powder-coated or anodised colourless. If the drive is in the floor, you also have a free choice with regard to shape of the door.

Automatic swing doors of TORMAX always harmonise everywhere with the existing conditions and architectural prerequisites.



Push & Go

- a little pressure applied with the hand or elbow suffices for the door leaf to open automatically
- forestalls unnecessary opening of the door and reacts to obstacles

Door closer function

- simple manual operation in powerless state possible

Air lock and wind screen function

- two co-ordinated door systems regulate the access, prevent air interchange between indoors and outdoors respectively

Access control

- the access to the building is monitored by key, badge, video or biometric data

Building automation

- possible to integrate into existing building facilities management system

Two independent motional sequences

- possibility to program two motional sequences which are independent of each other
- activation of these sequences via various sensors

Wind exposure / Environment influences

- the motional sequence of the door remains the same no matter how windy it is and what the changes in temperature are

Safety Whatever the Case May Be

Thanks to their modern control system, TORMAX swing door systems are perfectly prepared for the integration of safety devices. Freely adjustable forces and the integrated reversing system which operates when resistance is experienced guarantee for the best protection of persons. Light curtain, emergency opening and closing, finger protection, speed and sensitivity of the doors can be adjusted to the requirements at place of operation and thus provide the utmost in safety.

Our certified TORMAX partners mount the door systems professionally and adjust them competently to your applications and safety requirements.



TORMAX swing door drives have up to four monitored safety features. They thus comply with the strictest current requirements. The door can be opened manually during a power cut, it closes automatically again. Various sensor systems and standard locks are available to cover all safety requirements.

TORMAX drives fulfil all the prevalent standards and guidelines.



UL325



UL325



DIN 18650



EU Guidelines:
2006/95/EC
2004/108/EC
98/37/EC or
2006/42/EC

Your Partner for Every and Any Automatic Door System

You will find a suitable automatic door system at TORMAX for whatever use you intend. They are all convenient. Not least silent, reliable and safe.

Swing Door Systems



Sliding Door Systems



Revolving Door Systems



Folding Door Systems



Consultation and service included

Ask for further documents on the individual systems or simply ask your TORMAX partner. He will be glad to offer you help in conceiving door systems, the selection of materials, the calculation of cross sections, professional assembly – in brief: he offers all services prior to,

during and after the purchase. If necessary, service professionals are at your disposal on the spot wherever you are in the world.

You find your TORMAX partner at: www.tormax.com