Automatic Sliding Door Systems

TORMAX
AUTOMATIC

Driven by Quality

Jointly with proven partners TORMAX realises sliding 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

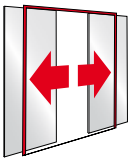
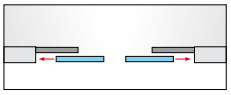
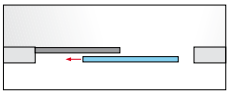
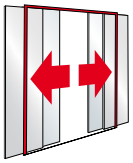
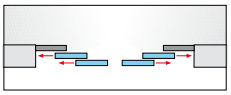
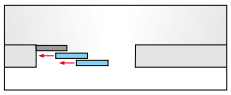
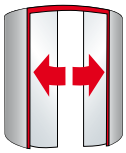
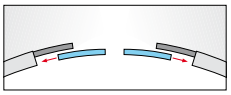
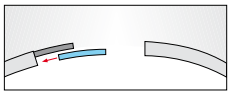
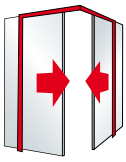
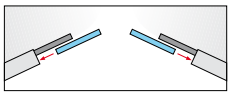
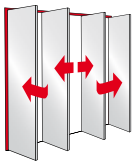
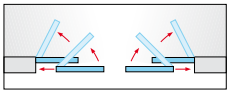
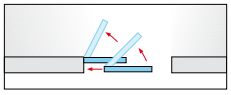
intelligent modular ecological reliable economical

www.imotion.net

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

Sliding Doors With a System

TORMAX sliding door systems are most flexible. Adjust your dream model exactly to your requirements whatever the dimension. A fitting solution is found for any architecture – you simply choose what harmonises perfectly within your building.

Linear		
	 2-leaf, opening on both sides, opening widths 700 to 3000 mm	 1-leaf, opening to the right or to the left, opening widths 700 to 2200 mm
Telescope		
	 4-leaf, opening on both sides, opening widths 1400 to 3800 mm	 2-leaf, opening to the right or to the left, opening widths 700 to 3800 mm
Curved		
	 2-leaf, opening on both sides, opening widths 1330 to 2700 mm	 1-leaf, opening to the right or to the left, opening widths 900 to 2000 mm
Angle		
	 2-leaf, opening on both sides, opening widths 800 to 1500 mm (each side)	
Multifunctional		
	 2-leaf, opening on both sides, opening width sliding: 1070 to 2300 mm, opening width swivelling: 2170 to 4650 mm	 1-leaf, opening to the right or to the left, opening width sliding: 790 to 1000 mm, opening width swivelling: 1600 to 2000 mm

The technical framework conditions vary depending on drive and system.

Door leaf weight	up to 240 kg per door leaf
Facial width door leaf profile	10 up to 100 mm
Opening / closing speed	adjustable from 5 to 100 cm/s per door leaf
Installation height drive	100 and 200 mm

Deviant specifications upon request.

Comfort in Motion

Automatic sliding door systems of TORMAX offer a great amount of comfort; for a convenient access without any contact whatsoever with the door. In office buildings, sales outlets, hotels, hospitals and innumerable other buildings into which many people enter and from which they leave.
You can find the ideally suited TORMAX sliding door solution in our wide range of products for any building, for retrofitting just as for new buildings. To fulfil every wish without making any compromises a number of special designs supplements the standard sliding door range. A power TORMAX drive is the core of each and every system.

TORMAX also tackles customised and unusual wishes: for example a sliding door with a 30° incline or the installation of a door drive in the floor.

Fire and smoke protection doors
- protection from spreading fire and smoke
- the comfort of a standard sliding door in everyday life

Rescue and escape routes (RER)
- for safe emergency exits
- redundant solution: two independent, monitored systems for emergency opening

Sliding and break out door
- for escape and rescue routes
- door leaves can be swivelled manually in any position and pushed together for maximum opening width

Burglary resistance with resistor classes 2 and 3
- effective protection against burglary and vandalism
- unlimited comfort of an automatic sliding door

Non-corrosive and waterproof doors (IP65)
- ideal when high demands are made on hygiene or resistance to corrosion, e.g. when cleaning with water under high pressure or on the high seas
- use of rustproof materials

Hermetic doors
- sealing system closing hermetically all round, e.g. for laboratories
- soundproof and airtight

All-glass sliding doors
- transparency without restrictions
- no visible mountings

These are but a few examples of tailor-made doors. What is your special challenge?
The TORMAX partners look forward to developing your individual sliding door system.

Consistency in Design and Function

Functionality is important for TORMAX. Just as aesthetics are. All kinds of door fillings are at your disposal: made of different types of glass (single sheet toughened safety glass and laminated safety glass as well as insulating glass), of wood, metal and plastic. The door leaves can be framed using profiles – colourless anodised, stove-enamelled or powder-coated in any desired colour.

TORMAX sliding doors leave all the space you need to allow free play to your creative design. They are in harmony with aesthetically demanding architecture and at the same time have an abundance of functions in their range.

Irrespective of the design, sliding door systems can be fitted with additional functions. A few examples:

- **Opening into a chemist's**
  The door can be opened by a slight gap only and arrests safely
- **Safety air lock function**
  Two co-ordinated door systems regulate access
- **Access control**
  Control with key, badge, video monitor and biometric data
- **Hold-up locking**
  The door closes immediately and without reversal by the press of a button
- **Building automation**
  Integration into the existing systems

Comprehensive control
With a user interface all the operating modes can be adjusted and important parameters programmed with ease. The clear symbols in the display are most operator-friendly and almost self-explanatory. It can be assembled where you choose.

Display symbols of the user interface		
	OFF	The door is locked. The opening command can be triggered with a key.
	AUTOMAT 1	The door opens upon receiving an impulse.
	AUTOMAT 2	The door opens upon receiving reduced impulse (winter opening).
	EXIT	The door opens only from one side (closing time).
	OPEN	The door opens and remains open.

Safety at all Times

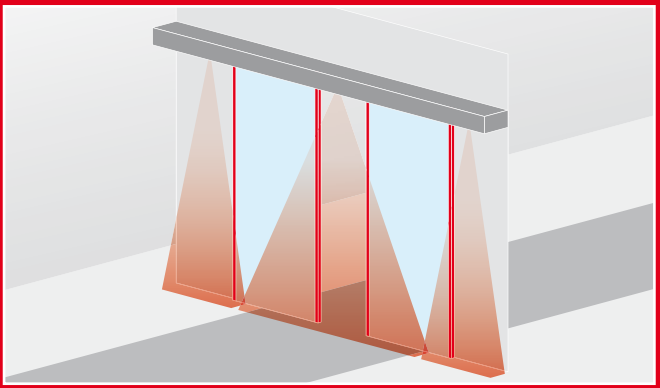
Thanks to their state-of-the-art control system TORMAX sliding doors are perfectly geared for the integration of safety devices. Sensor technology such as light beams, radar or the similar is suitable to protect people and for the biometric identification. When there is a power failure, the emergency opening system – which can be integrated – opens the door at least once more or activates battery operation to bridge the down time. In cases of emergency the door can be unlocked or locked by hand whenever necessary.

TORMAX offers the utmost in safety: when using the corresponding sensor technology, the door control system checks functional safety of the sensors in every cycle.

The ingenious design prevents pinching and shearing positions; emergency-OFF switches complement the safety measures. Reversing system, power limitation, speed and sensitivity of the door are immediately adjusted to the requirements at the place of implementation.

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

State-of-the-art technology
The main and secondary closing edges are secured with state-of-the-art sensor technology. The secondary closing edges may, as required, be secured with protection leaves or sensors.



TORMAX drives fulfil the prevalent norms and standards.

UL325

UL325

DIN 18650

EU directives:
2006/95/EG
2004/108/EG
98/37/EG and 2006/42/EG

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**

WT-251 e 10.08 Subject to change

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