

Opening the doors of the world

TORMAX Automatic Door Systems



World Class Entrance Systems

- Swing Doors
- Sliding Doors / Hurricane Rated
- Manual Doors - ICU
- Folding Doors
- Doors for Extreme Conditions
- Escape Route & Fire Doors
- Industrial Doors & Gates
- Semi-Circular Doors
- Revolving Doors
- Door Management Systems
- Sensor Systems
- Manual Controls
- Field Service
- Lowest Total Cost of Ownership



★★★★★
TORMAX
AUTOMATIC

Welcome to TORMAX Automatic



The Best Automatic Door Systems. Period.

Welcome to one of the world's leading door system suppliers. As you read this, somewhere in the world a TORMAX automatic door system is being installed. Since 1951 the TORMAX name has stood for safety, reliability and superior functionality. Discover the beautiful and high tech door world of TORMAX found wherever people move. Owning a TORMAX means owning the best.

Since its founding in Switzerland by the Landert Motoren Group, TORMAX has set the global standard for entrance system automation. TORMAX USA Inc., headquartered with manufacturing in San Antonio, Texas is the TORMAX supplier for North America and the Greater Caribbean. We provide high quality, quick response, technically supported solutions for: Swing Doors, Sliding Doors, Manual Doors - ICU, Folding Doors, Doors for Extreme Conditions, Escape Route & Fire Doors, Industrial Doors, Semi-Circular Doors, Revolving Doors, Sensor Systems, Manual Controls and Door Management Systems.

TORMAX Product Features

TORMAX is the choice of customers who want doors that open and close unnoticed and harmonize with their environment.

Our products meet these needs because they:

- Open and close precisely when required
- Can be programmed to admit only those people with authorized access
- Operate silently and reliably
- Are intelligent, microprocessor-controlled to specific needs
- Are manufactured to the highest standards of quality and applicable specifications, and delivered to your schedule
- Can be easily integrated into complete building management systems
- Offer unlimited architectural design flexibility
- Provide a long service life with lowest total cost of ownership



Wherever People Move

TORMAX has thousands of satisfied and repeat customers worldwide, who have applied our automatic entrance systems:

- Airports
- Cruise Ships
- Government Buildings
- Extreme Environments
- Restored Sites
- Retail and Food Stores
- Hotels
- Restaurants
- Office Buildings
- Pharmaceutical, Processing & Industrial Plants
- Clean Rooms
- Hospitals & Other Health Care Facilities
- Schools
- Retirement Homes
- Independent Living Centers
- Facilities for the Disabled
- Private Homes



Our products conform to ADA (Americans with Disabilities Act), ANSI, UL, ULC, ETL, Miami-Dade County, Florida building code, local and market specific specifications.

Slide Door Systems

Our TX9000 Series represents the high quality automatic sliding door systems, the very latest technology assures maximum reliability with minimum maintenance costs. All systems fully comply with the relevant national and local regulations and standards.



TX9200

The series TX9200 Automatic Sliding Door System is a **fixed sidelight door package**. Only the sliding panels breakout for emergency egress. The aluminum door package is available as a single slide and bi-part slide with or without transom. Optional accessories include electric locking, flush mount concealed vertical rod exit panic hardware, battery backup as well as a heavy duty drive system and components. Other models available include our surface mount and flush mount units for applications without sidelights. Series TX9200 Storm hurricane impact and non-impact rated models for coastal environments.



TX9300

The series TX9300 Automatic Sliding Door System is a **full breakout door package**. All panels breakout for emergency egress. The aluminum door package is available as a single slide and bi-part slide with or without transom. Optional accessories include electric locking, flush mount concealed vertical rod exit panic hardware, battery backup as well as a heavy duty drive system and components. Other models available include utility sliders with a flush mount or self supporting header. Series TX9300 Storm hurricane impact and non-impact rated models for coastal environments.



TX9400

The series TX9400 Automatic Sliding Door System is a **telescopic slide door system**, available in either the fixed sidelight or full breakout configuration. The all aluminum door package provides maximum opening width and is available as a single slide or bi-part package. Available with a transom it has all optional features available on the TORMAX family of TX9000 slide door systems. The TX9400 is smooth, quiet, and ideal for those spaces that require optimum opening width in all applications.



TX9500

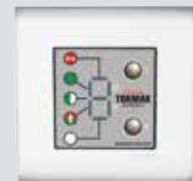
The series TX9500 is an **all-glass sliding door entrance system**. It creates an appealing design oriented environment that provides open and clear lines of sight. The Door system utilizes the TORMAX direct drive system and 1/2" thick tempered glass panels. The system is available in clear or dark bronze finish as well as stainless steel or brass clad finish. A fully adjustable door system, it is available with emergency breakout and many optional features. The ideal solution for a smooth, quiet and elegant entrance that requires an inviting look.



iMotion®
the passion to drive doors

iMotion® 2301 Direct Drive

Created for long lasting efficiency and performance. The TORMAX iMotion® 2301 direct drive system features a high speed high torque 1/4 HP AC synchronous motor. The direct drive system has no gears to wear, no leaking oil or grease. No motor brushes, commutator or couplings to replace "Wear Free Drive Principle". The direct drive system is extremely quiet in operation, and offers advanced auto diagnostics. Optional iMotion® 2401 direct drive system is available for those heavy industrial or tempered all glass doors.



Function Control Panel

Changing the operating characteristics and door parameters of any door in the TX9000 Series is a simple task with the Function Control Panel. Standard with all slide door systems, the door can be field adjusted to meet any operating condition.



TORMAX 7501

The TORMAX 7501 Sensor is a self-monitoring, all active infrared sensor for sliding doors. It combines infrared technology for activation and pedestrian safety. Intelligent unidirectional detection technology provides energy savings with less door hold open time. Self-adjusts in real time avoiding unnecessary door opening caused by changing environmental conditions.

Swing Door Systems

Tormax Swing Door Systems offer the right drive for any type of swing door application. Operating almost unnoticeably, our swing door drives are easy to service, and meet all building code requirements. Automatic detection of obstacles, safe manual operation in the event of a power loss, and the capability of fitting the door with a panic breakaway device for emergency egress are only a few of the many safety characteristics of our swing door systems. Installation is possible on the overhead lintel, concealed overhead or even concealed in the floor, taking minimum time to fit, either when installing new doors or retrofitting existing ones. They are available for standard single, double and specialty doors.

A Tormax swing door system makes no compromises—either in terms of aesthetics or functionality. The compact, discreet design blends into the architecture of any structure. Because our doors are “self-learning”, a door can be brought into service quickly and easily.

iMotion® 1301 Swing Door Operator



A culmination of intelligent design, eco sensitive, modularity, reliability, and economical efficiency. Surpassing the competitors, Tormax has designed an eco-friendly, electro-mechanical operator that employs advanced technology. The iMotion® 1301 is self-governing, self-adjusting and offers unmeasured functionality.

The iMotion® 1301 Swing Door Operator incorporates a powerful wear free 1/3 horsepower AC Synchronous motor with a rack and pinion transmission that is coupled with the intelligent iMotion® control processor. The iMotion® Swing Door Operator is designed specifically to operate on a broad variety of swing door applications and is rated to move doors weighing up to 325 pounds.

The iMotion® 1301 Swing Door Operator is designed for a wide variety of market specific applications in new construction, remodel and retrofit applications. The low maintenance dual purpose operator is available in an overhead lintel mounted design. Models are available for single, pair and double egress applications with butt/offset or center pivot hinges swinging either out or in without panic breakaway.



The iMotion® 1301 operator can be configured to meet ADA requirements for low energy power operated doors as well as high energy power operated pedestrian doors. The iMotion® 1301 operator is ANSI/UL 325 & 228 listed for the United States and Canada.

Tormax 1201 Swing Door Operator



The Tormax 1201 Swing Door Operator is the ideal solution for retrofit applications and is easily installed above the door. The operator can be housed in either a side load aluminum casing or concealed over the door with an elegant aluminum slim line cover and back plate. Models are available for single, pair and double egress applications and can be configured to existing doors with butt/offset or center pivoted hinges, swinging either out or in without breakaway.

The Tormax 1201 Swing Door Operator is a fully programmable dual purpose operator with heavy duty mechanics that meets ANSI standards A156.10 and ANSI standards 156.19. The Tormax 1201 is a non-handed power open, spring close mechanical operator capable of swinging interior and exterior doors up to 55” wide, weighing up to 550 pounds. The Tormax 1201 Swing Door Operator incorporates a 1/3 HP DC motor with reliable rack and pinion mechanics coupled with a programmable microprocessor controller. The result is a smooth quiet trouble free swing dooroperator that provides long lasting performance and efficiency.



First Class with Luxury Features!

By means of the programmable microprocessor controller the intelligent self-learning swing door operator will auto-configure to meet your specific application requirements.

At what speed should the door open? How wide should it open? How long should it remain open? How fast should it close? The Tormax 1201 Swing Door Operator is a modular drive of superior Tormax quality and unmatched features. The basic unit allows for 24VDC activator, two push plates and a reactivation sensor. On-board provisions for door status, battery backup and additional modules. The basic unit comes standard with built-in “Open/Timeout/Close”, “Sequential”, “Push and Pull” and “Power Assist Close” functionality. Additional functionality can be simply added via on-board modules as required by application and/or by design. The system provides for auto-diagnostics for quick and easy troubleshooting. ANSI/UL 325 & 228 (fire) listed for both United States and Canada.

TTX 1102 Swing Door Operator



The TTX 1102 low energy swing door operator is a low cost, easily adjustable automatic door system. It delivers exceptional long lasting performance, and meets ANSI standard A156.19 that specifies opening and closing speeds as well as force requirements. This non-handed power open, spring close mechanical operator is applicable to interior and exterior doors up to 48" wide and weighing up to 275 pounds. The TTX 1102 Swing Door Operator is easily installed above the door and can be housed in either a side load aluminum casing or concealed over the door with an elegant aluminum slim line cover and back plate.

The Tormax TTX 1102 Swing Door Operator incorporates a 1/4+ HP DC motor with reliable rack and pinion mechanics

coupled with a programmable microprocessor controller. The TTX 1102 is the best solution on the market for conformance with ADA (Americans with Disabilities Act) requirements.



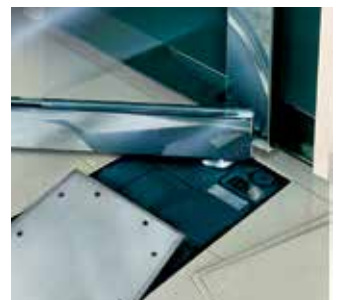
First Class with Luxury Features!

By means of the programmable microprocessor controller the intelligent self-learning swing door operator will auto-configure to meet your specific application requirements. At what speed should the door open? How wide should it open? How long should it remain open? How fast should it close? The Tormax TTX 1102 Swing Door Operator is a modular drive of superior Tormax quality and unmatched features. The basic unit allows for 24VDC activator, two push plates and a reactivation sensor. On-board provisions for door status, battery backup and additional modules. The basic unit comes standard with built-in "Open/Timeout/Close", "Sequential", "Push and Pull" and "Power Assist Close" functionality. Additional functionality can be simply added via on-board modules as required by application and/or by design. The system provides for auto-diagnostics for quick and easy troubleshooting. ANSI/UL 325 listed for both United States and Canada.

iMotion® TN 110 In-Floor Swing Door Operator



The iMotion® TN 110 In-Floor Swing Door Operator is the best choice for door automation in demanding architectural and application situations. This unique operator is in floor and hidden from view. It is the perfect answer for maintaining the architectural integrity for both new buildings and older buildings. The iMotion® TN 110 In-Floor Swing Door Operator is approved for use in buildings recognized by the Historic Preservation Society. The iMotion® TN 110 In-Floor Swing Door Operator meets ADA requirements for any entrance door, and safely operates doors weighing up to 1000 pounds. This self contained non-handed, electro-mechanical power open spring close operator, with its special AC synchronous motor and state-of-the-art digital programmable microprocessors will provide years of maintenance free service. The operator can be matched with any desired floor covering.



iMotion® 1302 Swing Door Operator - Overhead Concealed Unit



The Overhead Concealed Unit is designed specifically for new construction. Models are available for single, pair and dual applications. The unit adapts to center pivoted doors swinging either out or in with or without panic breakaway. Tormax offers a complete line of door systems, featuring narrow or medium stile doors with or without framing systems.

The Overhead Concealed Unit features the iMotion® 1302 Swing Door Operator with its powerful wear free 1/5 horsepower AC synchronous motor coupled with the intelligent iMotion® control processor.

The Tormax iMotion® 1302 operator can be configured to meet ADA requirements for low energy power operated doors as well as high energy power operated pedestrian doors.

Health Care Door Systems

Series TX9600 ICU/CCU Manual Door Systems



The TORMAX Health Care Door System (HCD) is available as an Intensive Care Unit (ICU) and Cardiac Care Unit (CCU) door system. This is a manual slide or swing door system specifically designed to meet the requirements of hospital intensive care and cardiac care units. The ICU and CCU sliding doors are available in a trackless or track type design with two, three and four panel construction and in a three panel telescoping configuration. All designs are available with and without transoms. Single and double swing door systems as well as bi-swing, bi-fold units with matching slim line horizontal sight lines are also available with and without transoms.

The Health Care Slide and Swing Door Systems utilize the same high quality construction of our automatic sliding door systems. Heavy duty extruded aluminum header, vertical framing members and interlocked panel design. The sliding doors feature nylon roller assemblies with precision ball bearings ensuring consistent performance and years of trouble free operation. Units are electrostatic grounded to prevent static discharge, and are also available with a UL 1784 smoke and draft control listing with an optional a self-closing mechanism. Panels can be factory prepared to accept switchable LC privacy glass to maintain patient privacy and dignity at all times. Easy access for hospital staff is always convenient using the door system as a manual swing or sliding door. No matter how demanding your hospital or health care facility door requirements, TORMAX has the solution. And we can “package” our entrance systems to meet all of your entry way needs: CCU, ICU, handicapped access, and architectural.

Door Systems for Industrial and Extreme Environments

Industrial door systems from TORMAX are diverse in their applications and are durable and reliable. Our industrial doors and extreme environment doors are used in pharmaceutical facilities, manufacturing plants, cruise ships, petrochemical facilities, freezer doors, mining, pulp and paper, military, steel, and food processing.



Extreme Environment Doors

Stainless steel, dust proof, and impervious to jetting water, the TORMAX iMotion® 2301 .IP65 and iMotion® 2401.IP65 are ideal for the most extreme slide door operating environments. They meet the highest requirements for hygiene, tightness, and corrosion resistance. Typical applications include cruise ships, meat and food processing plants, coastal applications, oil drilling platforms, refrigeration chambers and many others where sliding doors could not function before.



Slide Door Systems

TORMAX offers a broad and comprehensive range of industrial drives and door systems. The iMotion® 2401 Heavy Duty Direct Drive System is designed to handle steel doors, freezer doors, and clean room doors. These door systems are fully adjustable and are available with emergency breakout. The drive system can handle door panels weighing up to 1200 pounds.



Swing Door Operators

The TORMAX iMotion® 1301 industrial swing door operator is designed to meet the most rigorous industrial swing door application. This product can be utilized in virtually all industrial facilities. Also available as an operator on fire door openings, they are surface applied and use a fire alarm contact and/or a heat or smoke sensor to remove power from the operating system.

Systems, Sensors and Controls

Tormax iMotion® Net - Monitored Doors



The Tormax iMotion® Net is ideal for those customers who are concerned about the maintenance and performance of their automatic door systems. The Tormax iMotion® Net provides for communication ready iMotion® doors to be integrated into a building management system.

The connection to the building management system is made through a bus based communication network and gateway protocol. The bus interface allows for detailed information flow between the building management system and iMotion® Door Drive. The iMotion® Net

follows an open serial (RS-485) protocol derived from the master/slave architecture and allows for remote monitoring of up to twenty doors per network.

The Tormax bus interface enables the system integrator to design advanced door net functionality according to the individual needs of the building owner. The networked system can monitor read and write commands such as; change door operation, signal alarm conditions, and identify door problems. The Tormax iMotion® Net can be controlled on-site locally or through a cloud based management system.

Sensor Systems

TORMAX sensor systems represent the most advanced and reliable systems available today. Sensor systems for swing doors, sliding doors, folding doors, revolving doors and industrial doors ensure precise activation and reliable threshold protection.

Refer to TORMAX Web Site for additional sensor systems.



OA-Edge

The OA-Edge Sensor is a door mounted active infrared presence sensor that utilizes triangulation technology to provide safety for Swing Door Applications. Upon sensing a person in the path of the door, the sensor will stop, slow or reactivate the door.



Eagle

The Eagle K-band microwave motion detector is the sensor of choice for swinging, folding, revolving and industrial automatic doors. Employing sophisticated motion tracking technology this product meets ANSI standards while providing unparalleled reliability.



IXIO-DT1

The IXIO-DT1 is a self-monitoring, dual technology sensor for sliding doors. It combines microwave radar technology for activation of the door with infrared technology for pedestrian safety.

Controls



For added convenience and accessibility the door operator can be activated by a push button switch, a manual push of the door "Push and Go", a remote control or simply use it as a manual door. This helps create a barrier free access to assist the physically challenged. TORMAX offers a wide variety of controls for virtually any application.

Manual Controls

- Push Plate
- Push Pads
- Push Buttons
- Hands Free
- Rail and Post Mounted Plates and Buttons

Wireless Manual Controls

- Push Plate
- Hand Held Transmitters
- Push Buttons
- Rail and Post Mounted Plates and Buttons

Since 1951 opening the doors of the world

The TORMAX Commitment

TORMAX USA Inc. is committed to delivering the best automatic door systems available in the world and is dedicated to making the purchase and maintenance of our products as efficient and customer friendly as possible. Your TORMAX product will be on spec and to your schedule.

Every TORMAX system is installed by trained TORMAX USA Inc. distributors and is backed by quality assurance and warranty guarantees for absolute customer convenience and satisfaction. Plus, a comprehensive library of product information is available by request, including operating manuals, DVDs, CDs, and technical and installation information.

TORMAX USA Inc. also offers additional benefits to national accounts through the MAX Program, a customized program for major or retail accounts that delivers standardized products, custom-designed for the company's facilities, with standardized pricing for products, service and parts. The MAX Program also provides a dedicated customer service hot line, reserved manufacturing time, direct purchase prices and convenient billing schedules, all from one convenient point of contact.

TORMAX Installation & Service

TORMAX products may be the best products in the world but the process would not be complete without a high quality installation and efficient aftermarket service. This is never a question with TORMAX as we utilize only the best distributors or our own factory technicians to ensure complete satisfaction throughout North America.

Factory-trained and AAADM certified technicians who are committed to ensuring safe, reliable and timely installations install our products. Our technicians are fully supported by a comprehensive team of application engineers and project engineers to provide a complete level of quality.

TORMAX service is known for efficient and timely response around the globe. Our products represent an important element of your entrance system program. We want to ensure that your door system functions at optimum levels and creates a lasting impression. Therefore, TORMAX is committed to providing quality service and maintenance on your entrance system.

TORMAX provides repair service when you need it. We also provide quoted service for all repair and retrofit projects. Finally, we offer a wide variety of maintenance agreements customized to your individual needs.

Purchase and install a TORMAX door system in your facility, and forget about it! Why? Because you are assured of **trouble free operation** and the **lowest total cost of ownership**.

TORMAX USA Inc. is an official member of the AAADM association.

AAADM American Association of
Automatic Door Manufacturers

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