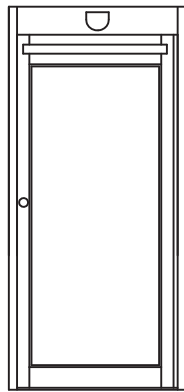


iMotion® Microprocessor
Controller Feature Benefits

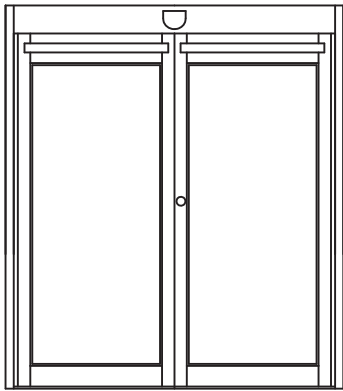
- Universal iMotion® Microprocessor Controller – One Common Controller for All iMotion® Drives
- Programmable iMotion® Controller – Provides Flexibility During System Configuration, No Special Tools Required
- Illuminated Seven-Segmented Function Control Panel – Provides for Six Operating Modes, System Configuration, and Auto-Diagnostics
- “Teach-In” Self-Learning Door Commissioning Program – Establish Door Opening and Closing Movements Without the Use of Cams and Switches
- Fine-Tune Door Motion Elements Independently After “Teach-In”– Provides for Optimal Performance
- Adjustable Speeds, Opening, Closing and Latch – Programmable
- Adjustable Door Position, Opening and Latch – Programmable
- Selectable (on/off) “Push-and-Pull” Operation – Automatic Operation Available for All Users
- Adjustable Hold Open Time (0-60s) – Programmable
- Sequential Operation Available as Standard (push to open/push to close) – Operational Flexibility
- Obstruction Detection During Opening and Closing – Safety Reverse on Obstruction Provides for Safe Environment Without External Safety Sensors
- On-Board Power Supply (24VDC .75A max) – No Auxiliary Power Supply Required for Sensors and Activators
- On-Board Programmable Lock Output Power Supply (24VDC 1A max) – No Auxiliary Power Supply Required for Magnetic Lock or Electric Strike (fail-safe or fail-secure)
- Two On-Board Programmable Outputs (24 VDC) – Provides Door Position Status, Alarm, etc.
- Four On-Board Inputs for Activators, Mode of Operation, Key Switch – Programmable
- On-Board Key Switch Terminal – Remains Enabled in Off Mode for Access Control Integration
- Four On-Board Inputs for Safety Sensors – Programmable
- Optional I/O Module – Provides Four Additional Inputs and Four Additional Outputs
- Self-Configuring, Swing-Side, Door-Mounted Safety Sensor – No Cutoff Switch or Manual Adjustment Required
- Built-In Safety Circuit With Stall Logic – No Auxiliary Modules Required
- Adjustable Opening Force Limitation – Program Door to the Environment
- Integrated Access Code – Inhibits Unauthorized Personnel From Making Door Adjustments
- Full Range of Operate Sensors, Manual Controls and Door Mounted Safety Sensors and Overhead Mounted Presence Sensors – ANSI Compliant
- Optional Battery Back-Up Module – Door Continues to Operate During Loss of Power
- Global Power Supply – Selectable 115VAC/230VAC 50-60 HZ Single Phase

iMotion® 1302 OHC
Swing Door Operator System

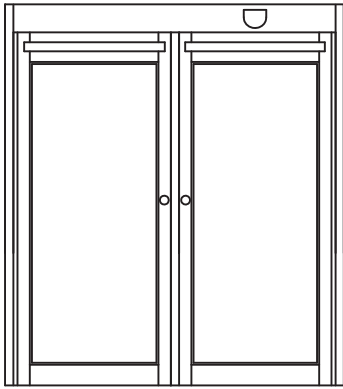
iMotion® 1302 OHC
Single Application



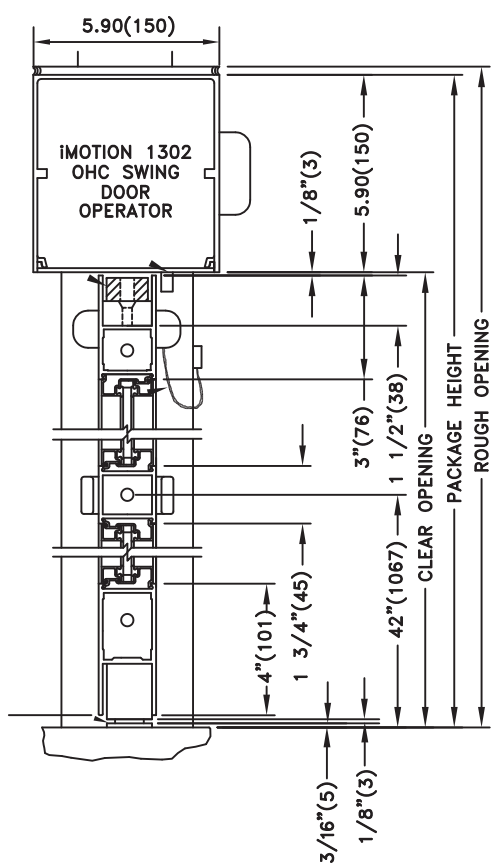
iMotion® 1302 OHC
Pair Application



iMotion® 1302 OHC
Dual Application



iMotion® 1302 OHC With
Tormax Swing Door System



iMotion®
the passion to drive doors

Visit the Tormax web site at
www.tormaxusa.com for detail drawings,
specifications, product brochures, other
sensor systems and manual controls.

★★★★★
TORMAX
AUTOMATIC

TORMAX USA Inc.
12859 Wetmore Road
San Antonio, Texas 78247
888-685-3707
210-494-3551
Fax 210-494-5930
www.tormaxusa.com
info@tormaxusa.com

TORMAX is a division
and a registered
trademark of
Landert Motoren AG

Rev 8/17

iMotion®
the passion to drive doors

Swing Door Drive
iMotion® 1302 Swing Door Operator
Overhead Concealed Unit



World Class
Entrance Systems

Ideal For:

- Retail and Food Stores
- Transportation
- Financial
- Independent Living Centers
- Office Buildings
- Institutions
- Churches
- Hospitals and Other Health Care Facilities
- Government Buildings
- Universities / Schools
- Hospitality
- Clean Rooms
- Processing & Industrial Plants
- ADA Approved

★★★★★
TORMAX
AUTOMATIC

iMotion® 1302 Swing Door Operator

Leading The Way In Automatic Door Technology

Tormax iMotion® 1302 Swing Door Operator: a culmination of intelligent design, eco-sensitivity, modularity, reliability and economical efficiency. Surpassing the competitors, Tormax has designed an eco-friendly, electro-mechanical operator that employs advanced technology. The iMotion® 1302 is self-governing, self-adjusting and offers unmeasured functionality.

The iMotion® 1302 Swing Door Operator is the most advanced swing door operator on the market today. The iMotion® 1302 is a non-handed power open spring close swing door operator which represents the best swing door technology, designed specifically to operate on a broad variety of swing door applications. The operator combines the latest generation of processor technology with dependable Tormax quality.

Dependable Tormax Quality

The iMotion® 1302 Swing Door Operator incorporates a powerful wear-free 1/5 horsepower AC synchronous motor driving a transmission assembly that is coupled with the intelligent self-learning iMotion® microprocessor programmable controller.

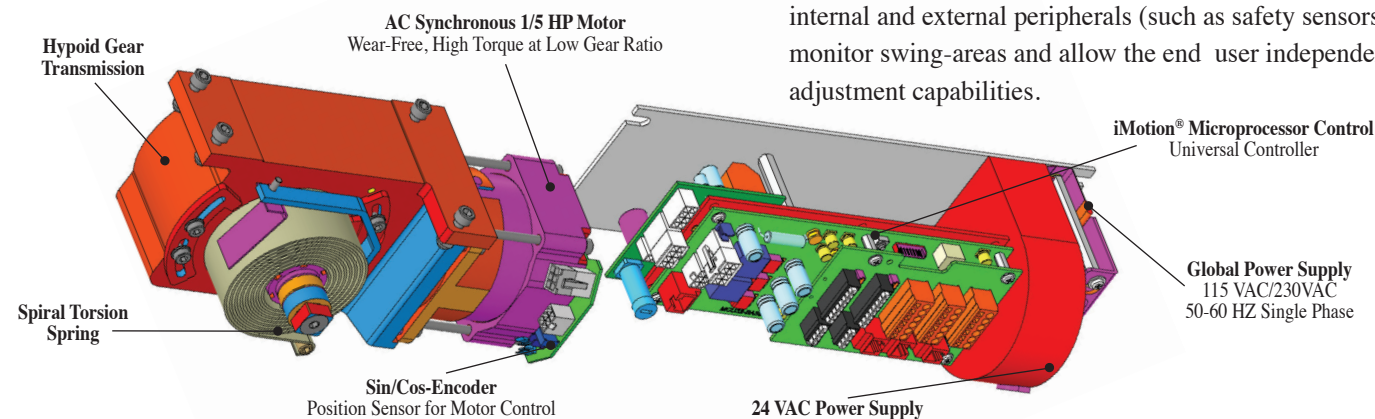
The result is a smooth whisper quiet trouble free swing door operator that provides long lasting performance and efficiency with the lowest total cost of ownership.

Application Flexibility

The elevated design can be used in any structure and provides not only pragmatic value, but also artistic value, equating to a convenient, comfortable, and safe swing door operator.

Tormax iMotion® 1302 Swing Door Operator system designed with a wide variety of market specific applications. 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 Operator System



The iMotion® 1302 Swing Door Operator with its heavy duty mechanics can be configured as a high energy swing door operator complete with safeties or as a low energy ADA swing door operator.

It is an ideal operator for retail stores, grocery stores, hotels, schools, airports, institutions, hospitals and related health care facilities. The operator, manufactured to ISO 9001 standards delivers smooth safe operation and provides a welcoming entrance that enhances storefront appeal. The iMotion® 1302 Swing Door Operator is a heavy duty dual purpose operator that meets ANSI Standard A156.10 and A156.19.

Outstanding Functionality

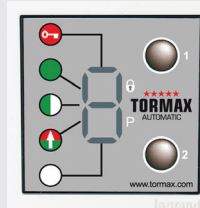
The iMotion® 1302 Swing Door Operator incorporates software features including “Push and Pull” activation by lightly pushing or pulling the door. The operator can be programmed to compensate for wind load and stack pressure to ensure that the door opens and closes properly in every instance.



The door opening speed, opening angle and hold open time can be easily programmed depending on the needs of the customer. This is accomplished conveniently without any cumbersome adjustments; initial door set up is initiated through an automatic reference run.

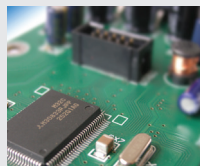
Automatic diagnostics are standard with the iMotion® 1302 Swing Door Operator. The control system has continuous self diagnostic system check with built-in fault indicator status for quick and easy trouble shooting. Built-in automated monitoring features electronic reversing upon detecting obstructions in both the opening and closing directions. Fine-tuned, precision programming encompasses internal and external peripherals (such as safety sensors) that monitor swing-areas and allow the end user independent adjustment capabilities.

User Friendly Function Control Panel



The iMotion® 1302 Swing Door Operator offers a user friendly Illuminated Seven-Segmented Function Control panel, which boasts Six-Operating Mode Capabilities and convenient programming options, such as variable opening and closing speeds, opening and closing force, hold open times, and many more. This smart technology provides easy personalized programming, exceptional safety and monitoring features.

First Class with Universal iMotion® Processor



Registration of door position back to the controller is determined via encoder. Signals from the encoder define door position without use of position magnets or mechanical switches.

Tormax Sensor Systems – High Energy Applications

The iMotion® 1302 Swing Door Operator is available with high quality high performance sensor systems. These systems provide precise activation and reliable performance and continuous swing door protection. This is accomplished through the use of our Eagle microwave motion sensor, and our top door rail mounted OA-EDGE2 T focus active infrared swing door safety sensor system.



Eagle



OA-EDGE2 T

Tormax Manual Controls – Low Energy Applications

The iMotion® 1302 Swing Door Operator can be activated by a push button switch, manual push or pull of the door “Push and Pull” activation, a remote control, or simply use it as a manual door. These options create barrier free access to assist the physically challenged.



Mechanical Operator Feature Benefits

- Non-Handed Electro-Mechanical Operator – Reduces On-Hand Inventory
- Factory Assembled, Tested and Shipped as a Complete Unit
- Power-Open, Spring-Close Operator – Functions as a Manual Door During Loss of Power
- Smooth and Silent Operation (< 70 db) – Unlimited Application Opportunities
- AC Synchronous 1/5 HP Motor – Wear-Free Drive Principle
- Rated for Interior and Exterior Doors - up to 275 lbs. (125kg.)
- Motor Power Boost Close – Ensures Doors Close in Harsh and Windy Environments
- Motor Hold Close – Assists in Holding Doors Closed in Unbalanced Buildings
- Adjustable Closing Spring-Force – Allows for Doors to be Fine-Tuned to the Environment
- No Mechanical Switches and/or Magnets Used for Door Position – Eliminates Costly Service and Down Time
- Power-Open and Hold-Open Capabilities – Excellent Option for Smoke Evacuation Doors
- Power Consumption - Max 250 Watts
- Dual-Purpose Operator - Meets ANSI Standards A156.10 and ANSI A156.19
- iMotion® 1302 OHC Swing Door Operator System
 - Designed for New Construction or Remodel
 - Bottom Load Design for Easy Access
 - Compact OHC Design Nominal Header 5.90” H x 5.90” W x D.O.W. (150 H x 150 W)
 - Models Available to Automate Single, Pairs and Dual Door Applications
 - For Use With Center Pivot Doors With and Without Breakaway
 - Available With and Without Doors and Frames, Narrow or Medium Stile
 - Adjustable Heavy Duty Steel Die Cast Top Door Arm
 - High Strength Door and Floor Pivots for Threshold or Flush Mounting
 - Standard Architectural Class 1 Anodized Finishes Clear and Dark Bronze – Other Anodized Finishes, Paintings and Metal Cladding Available Upon Request

iMotion®
the passion to drive doors