

MAGIC-FORCE™

SWING DOOR AUTOMATION SOLUTION



V E R S A T I L E / P O W E R F U L / C O N V E N I E N T / S A F E



STANLEY®

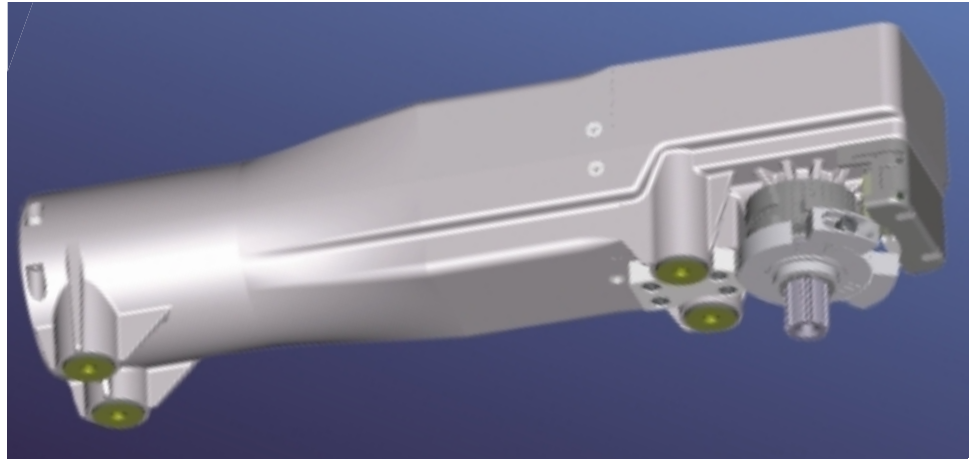
FACTORY TESTED & PROVEN PERFORMANCE

To make sure we could deliver the Magic-Force™ Operator with all the features to meet the demands of a continually changing market, we conducted the most extensive testing yet. In addition to testing the Magic-Force™ Operator to the industry standard number of cycles, we tested it to break it, then re-engineered it, and re-tested to break it again. Extensive field testing confirmed Stanley's lab test results to prove the Magic-Force™ performance.

The Magic-Force™ Operator meets:

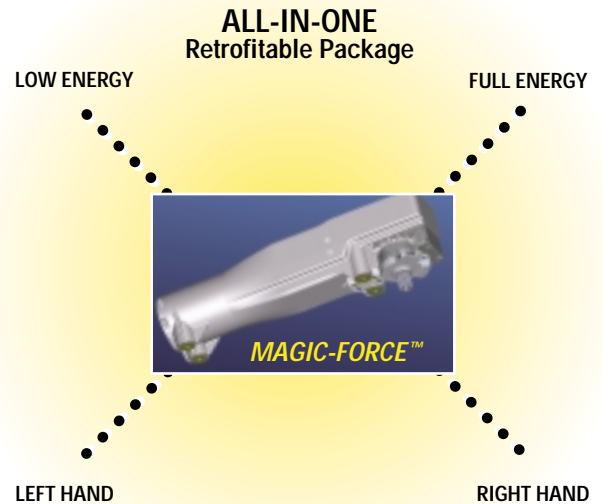
- UL Listing - UL 325
- cUL Listing - CSA 22.2 No. 247
- UL Listed Fire Door Operator
- BOCA Listing - 1017.4.3
- ICBO Report - UBC 10-1
- NFPA101 Life Safety Code - Section 5-2.1.9
- ANSI 156.10-1998, Full Energy
- ANSI 156.19-1997, Low Energy
- CSFM - CA State Fire Marshal

As the market demands change, the Magic-Force™ Operator is designed to change right along with them. This operator is setting a new standard in the industry and taking our customers into the 21st century.



The Versatile Magic-Force™ Operator

- Unique innovative design offers an all-in-one system.
- Non-handed, In-Swing or Out-Swing, Visible or Concealed mounting.
- Configurable for Full Energy & Low Energy applications.
- Simplified Installation & Service.
- Smooth operation, low audible noise.
- Will interface with existing installed products.
- Heavy duty compression spring for unparalleled door control & durability.
- Field adjustable to overcome environmental or facility changes.



Stanley's Magic-Force™ Operator works in both Full Energy and Low Energy applications. Meets the demands for use in Supermarkets, Department Stores, Hospitals, Airports, Office Buildings, Public Buildings, Schools, Universities and more!



ADA



HEALTHCARE



GROCERY



State-of-the-art computerized factory test equipment ensures each operator works first time, every time for a long time.

Every Magic-Force includes the new Life Cycle Data feature, or LCD allowing Stanley to be a market leader in service and installation by adapting to site specific needs. The LCD allows future service based on cycles and customer tailored maintenance programs.

THE FIRST ALL-IN-ONE SYSTEM

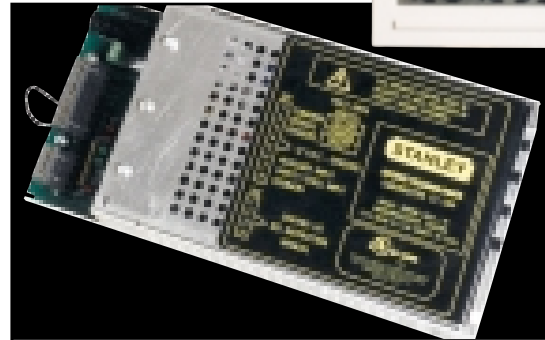
The Magic-Force™ System is designed to be retrofittable and backwards compatible—the Magic-Force™ Operator and controller can replace existing Magic-Swing® Operators and/or controllers. Magic-Force™ Door Operators:

- Work with every type of sensor we make for maximum design flexibility and convenience.
- Require only simple tune-in adjustments for fast, trouble-free installation.
- Resist wind and stack pressure conditions to maintain smooth, controlled operation.

Additional Features:

- Available with Sentrex-3™ active infrared safety system.
- Alternative Sensors/Operators include mats, push plates, radio controls and motion sensors.
- Surface Mount Header models afford fast and easy retrofits.
- Choice of complete factory engineered door systems.
- Fire Door Package with UL listed equipment.
- Provide safe pedestrian movement at all times with activation and safety sensors.
- Variable Spring Operator.

The Magic-Force™ delivers easy, consistent feel across the entire transition from closed to fully opened. Fully field adjustable to meet specific site conditions. Easy opening with a powerful close. Patent pending.

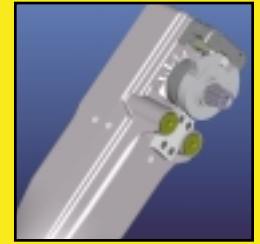
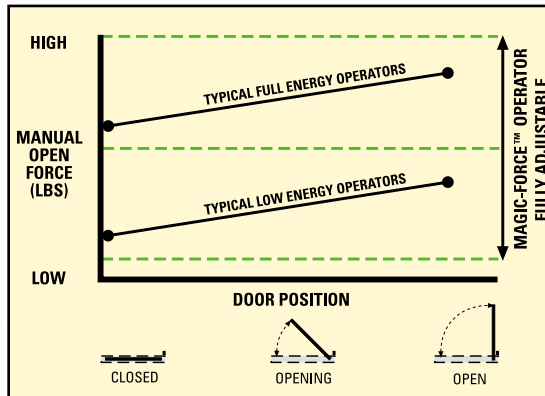


Advanced microprocessor controller and proven encoder technology work together for comprehensive and precise control of the door's motion.

Ensure trouble free operation with advanced controller features that provide:

- Automatic reset upon power up
- Fuse protection
- Electronic surge protection
- Internal power supply protection

Range switch allows controller to limit the output of the system for heavy duty low energy applications.



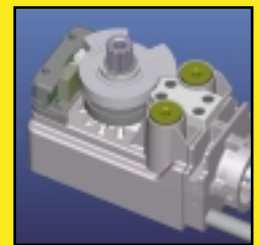
VERSATILE

- Non-handed
- In or Out Swing
- Concealed or Visible
- Full or Low Energy



ADJUSTABLE

- Variable Spring Force
- Adjustable Closing Speed
- Adjustable Open Stop



CONTROL

- Microprocessor Controlled
- Consistent Cycle
- Controlled Motion



COMPACT POWER

- Precision Gear System
- Heavy Duty Spring
- Durable



DEPARTMENT STORES



OFFICE & PUBLIC BUILDINGS



SCHOOLS & UNIVERSITIES

Magic-Force™ Operator

FEATURES & BENEFITS:

- **Full Energy/Low Energy Capable** — The Magic-Force™ Operator design accommodates both full energy and low energy code requirements.
- **Non-Handed Operator** — This versatile operator can be used for right hand or left hand doors with minimal field adjustments. Allows for easy installation. In addition fewer parts are needed for a broad range of applications.
- **Quiet Running Operation** — Low noise level is a must! The Magic-Force™ operator is designed for impressively quiet performance.
- **Consistent Cycle** — Stanley's innovative design provides easy opening and positive closing under diverse conditions.
- **Return From Breakout With Controlled Speed** — Door automatically resets after breakout. Manual reset not required. In addition, the door will not slam to the closed position after breakout.
- **Manual Operation** — Door will act as a manual closer without power applied. Important when used in ADA applications.

- **Microprocessor Controlled** — The advanced control box is highly versatile.
- **Cycle Counter** — Counter is ideal for preventative maintenance program scheduling and can be used for warranty calculations.

Controls and Adjustments

Power Opening Force:

Torque adjustment able to accommodate the Full Energy/Low Energy ANSI code requirements.

Closing Force:

Field Adjustable Spring

Open Speed, Close Speed, Open Check Speed:

Potentiometer Adjustable

Manual Opening Force:

Field Adjustable Spring allows this operator to accommodate the Full Energy/Low Energy ANSI code requirements.

SPECIFICATIONS:

- **Size** — 4 5/8" (117.48mm) x 3 3/4" (95.25mm) x 18" (457.2mm)
- **Door Weight** — Up to 350 lbs (158.7kg)
- **Code Compliance** — UL, cUL, ANSI A156.19, ANSI A156.10, NFPA 101, BOCA

Service & Installation

Stanley Access Technologies designs, manufactures and markets automatic door systems worldwide.

For more than 65 years, we have set the global standard for smooth, quiet operation, user safety, design flexibility, quality, reliability and ease of installation. Our service force is North America's largest and most comprehensive network devoted to the installation and maintenance of automatic door systems. This network combines the global resources of Stanley with the unmatched customer responsiveness of local organizations to ensure every door we sell and install provides our customers with worry-free operation.

For Service, Call Stanley Toll Free: 1-800-7-ACCESS (1-800-722-2377)



The Stanley Works
Access Technologies Product Group
Customer Care: 1-800-7-ACCESS (1-800-722-2377)
<http://www.stanleyworks.com>

HARDWARE



FASTENING SYSTEMS



MECHANICS TOOLS



HAND TOOLS



DOORS



AIR TOOLS



HYDRAULIC TOOLS



AUTOMATIC DOORS

