



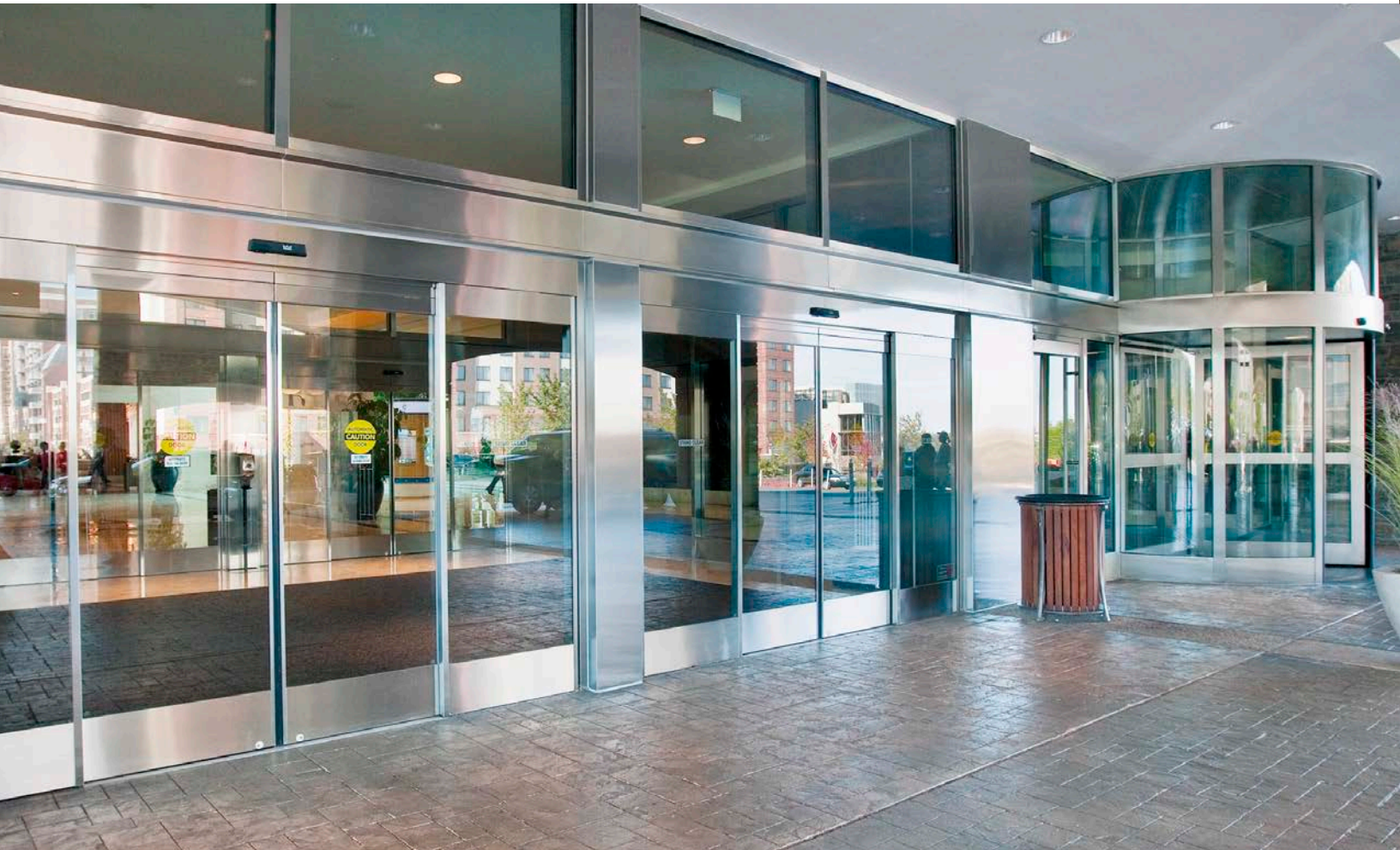
# ADVANCED AUTOMATIC DOOR SOLUTIONS

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Enabling Better Buildings™



# ADVANCED AUTOMATIC DOOR SOLUTIONS

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For project specification, design, and code-compliance assistance, call the DORMA Architectural Support Desk at 866-401-6063.

DORMA can review your product selection to insure it is project specific and code compliant.

DORMA is a leading innovator of automatic door systems, with entrance solutions for practically any application—retail, health care, office buildings, airports, hospitality, and more.

Our sliding and swinging door systems cover a wide range of applications and finishes.

Both custom designed and standard systems are available. Each product offers exclusive features, such as an advanced microprocessor controller for precision performance and long lasting reliability. A variety of sensors engineered to provide optimum safety are available to meet every application.

DORMA also offers both Crane manual and automatic revolving doors, which are ideal for high traffic applications that require simultaneous entry and exit, controlled access, or an air lock to help control energy costs.



## DORMA ESA

Stylish, durable, and powerful automatic sliding doors

Providing strength, beauty, and technology all in one package, the **ESA Automatic Sliding Door** is one of the most intelligent, efficient, and technologically advanced sliding doors on the market. Powerful ESA doors operate door panels weighing up to 350 lb, while a continuous self-monitoring control system adds an extra measure of safety and efficiency.

The impressive low-profile, 4.5" x 7.5" ESA header means the doors are installed flush with the surrounding structure—creating a sleek, unbroken sight line that blends the doors into the overall architectural design.



**DORMA ESA Auto-Telescopic** sliding doors driven by proven ESA technology

**NOTE:** All DORMA ESA Series automatic sliding doors are listed UL325 / CSA 22.2 and meet requirements of ANSI/BHMA A156.10 and NFPA 101 with proper application and installation by AAADM certified installers.

DORMA uses a 1/4" (6 mm) thick structure to create one of the strongest headers in the industry. The self-supporting header can span up to 16' without additional reinforcement.

**ESA100, 200, 300**—Three intelligent, strong, low-profile ESA models suit different requirements: the non-breakout ESA100, the ESA200 with fixed sidelite, and the full-breakout ESA300.

**ESA400 Fine Frame**—The Fine Frame style is a perfect marriage of beauty and functionality. Also featuring full breakout capability, the ESA400 combines full view aesthetics with excellent weather-sealing qualities.

**ESA500 All-Glass**—The all-glass ESA500 door has no vertical trim so it offers an uninterrupted horizontal expanse for blending with an all-glass façade.

DORMA also creates custom ESA doors. For example, doors utilizing stainless steel or polished bronze can be welded to eliminate seams and ensure a beautiful appearance for the lifetime of the door.

### DORMA ESA-200-B1 Blast Rated Doors

The **ESA200-B1** is specifically designed to meet US DoD requirements for antiterrorism building standards (UFC 4-010-01) with conventional standoff distances, commonly required on military bases and public buildings. These doors are available at standard height and up to 14' wide packages with medium stiles and enhanced security 3- or 5-point locking.

### DORMA ESA-HP Hurricane-Resistant Doors

The **ESA-HP** automatic sliding door meets Dade County and Florida Building Code regulations, keeps your building safe and secure, provides smooth and durable operation—all the while providing an aesthetically pleasing entrance for your place of business.





## DORMA ED400

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### Powerful, reliable, flexible, and intelligent

The **DORMA ED400 Swing Door Operator** is designed for demanding applications such as retail centers, airports, and health care facilities. Built for high traffic applications, it can handle doors up to 51" wide and 320 lb per leaf and can be configured for full energy (156.10) or low energy (156.19) operation.

DORMA tests the ED400 operator for one million cycles in climate-controlled test chambers. A built-in power boost helps keep the door closed when exposed to high wind or stack pressure buildup.

Featuring a state of the art microprocessor control, the ED400 has a fully enclosed

motor gear box, while the concealed spring package provides powerless self-closing. The virtually maintenance-free unit provides smooth, silent operation.

The ED400 operator offers advanced encoder and microprocessor control, allowing it to self-learn the door weight and inertia, ensuring ultra smooth operation. The controller has dedicated circuits and LED status indicators for up to five safety sensors—no more doubled-up circuits or decreased performance. The easy three-digit display allows you to monitor the performance of every function for easy diagnostic evaluation.



## DORMA ED700

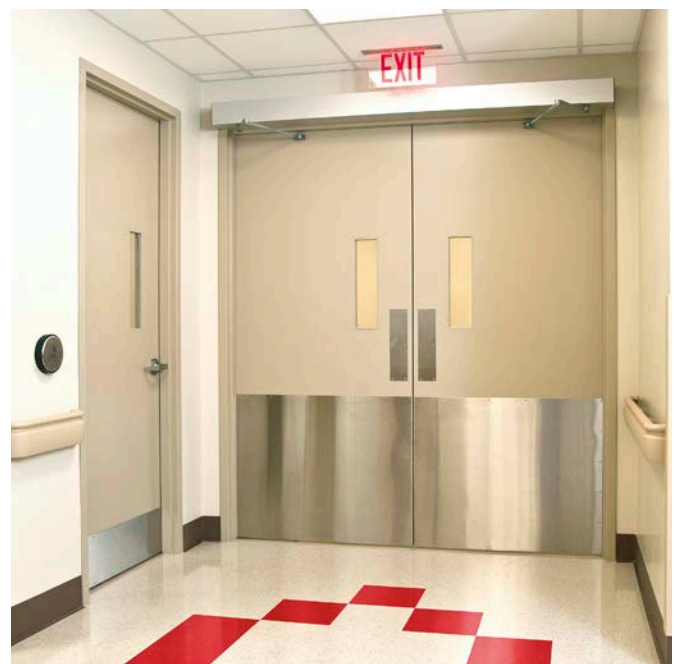
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### Smooth, quiet operation, elegant slimline design

The **DORMA ED700 Low Energy Swing Door Operator** is the perfect solution for applications requiring barrier-free access. Simple and easy to install, the ED700 provides many features and functions to make existing doors easily accessible. The DORMA ED700 is custom ordered to match the application. All common applications for outswing and inswing doors—with either push arm or slide track arm for tight side clearance—can be adapted for barrier-free access.

The ED700's advanced encoder and microprocessor control is a feature of the ED400 as well—ensuring the same level of intelligent and smooth operation. Extruded aluminum covers in custom lengths are available to match aesthetically with the door frame.

The ED700 may be used for door widths up to 48" (1220 mm) and a maximum weight of 200 lb (91 kg). For best accessibility, the operator can open the door up to an opening angle of 110°.



**NOTE:** The DORMA ED400 and ED700 Series automatic swing door operators are listed UL325 / CSA 22.2 and meet requirements of ANSI/ BHMA A156.10 or A156.19 and NFPA 101 with proper application and installation by AAADM certified installers.

## DORMA ED100 & ED250

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Low energy/full energy  
compact swing door operators



**NOTE:** The DORMA ED100 and ED250 Series automatic swing door operators are listed UL325 / CSA 22.2 and meet requirements of ANSI/BHMA A156.10 or A156.19 and NFPA 101 with proper application and installation by AAADM certified installers.

The **DORMA ED100 and ED250** are compact next generation electromechanical swing door operators.

Innovative engineering makes them safe, reliable, and energy-efficient at any level of traffic and in variable atmospheric conditions. Their modular design allows them to be pre-configured with plug-ins for specific applications. A minimalist DORMA Contur profile makes them a perfect fit for any application, interior or exterior.

Unlike conventional electro-hydraulic operators, the ED100 and ED250 are able to respond automatically to changes in the surrounding environment. Built-in sensors and a state-of-the-art drive system can quickly adjust how the unit operates,

boosting power when required to open and close reliably and consistently.

A wide array of applications can be realized due to built-in functions and options, including wind-load control, mechanical coordinator, automatic power assist, sensor/lock timing, and more.

Universal modular design and high-tech functionality combine with ultra compact form and award-winning Contur aesthetics to make this operator a beautiful way to automate easily without drawing unwanted attention.

**DORMA ED100:** for doors up to 220 lb (100 kg)

**DORMA ED250:** for doors up to 550 lb (250 kg)



## DORMA MAGNEO

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Powered by advanced LMD technology

Powered by linear magnetic drive technology (LMD), the **DORMA MAGNEO** is a sliding entrance system designed for any modern interior, whether public, commercial, or private. Its sleek Contur design has minimalist clean lines that blend seamlessly to meet discriminating applications. Innovative magnetic technology ensures that the MAGNEO is safe, reliable, whisper quiet, and resistant to wear.

Ideal for both new and retrofit interior applications,

the MAGNEO's modern design and easy operation make it an attractive and efficient way to update both the function and appearance of existing interior doorways.

The versatile MAGNEO meets all safety requirements for low energy applications. Its extra sensitive operation instantly detects any obstruction. Activation is achieved via touchless design push plate, radio remote control, or traditional infrared motion detectors.

# DORMA ICU300

Adaptable space separation



DORMA offers a complete line of ICU manual sliding doors for special care facilities such as hospitals and surgical centers. The **DORMA ICU300** enables continuous observation of patients, while allowing quick and easy access during emergency situations.

Standard features include premature breakout prevention, remote panel status monitoring, and electrostatic discharge grounding, to protect sensitive medical equipment from static electricity.

DORMA ICU300 doors come in a wide range of sizes, configurations, and finishes. Single, bi-parting, or telescopic doors are available with either two, three, four, or six panels. A recessed track or trackless guide system allows for smooth operation.



# DORMA ICU1200

Combined multi-dimensional swing and bi-fold operation

The easy-to-install **DORMA ICU1200** is a perfect fit for installations with limited width and self-closing requirements. The ICU1200 combines two types of door: a double-acting swing door on one side and a bi-fold manual door on the other. Narrow stiles and an optional muntin ensure clear views for observing patients. For normal traffic, the swing door conveniently opens in either direction.

For a wider opening, the bi-fold door collapses to open up nearly the full width of the doorway.

The DORMA ICU1200 features a low profile 1.75" x 4.5" header and stainless steel pull handles on both the swing and bi-fold doors. The hinge on the bi-fold door is designed to protect fingers.



## CRANE REVOLVING DOORS

### 1000-M/1000-A Series

The **Crane 1000 Series** is the solution when your budget-conscious project calls for the look, function, traffic flow advantage, and energy savings of a revolving door. Fabricated with rigid aluminum construction, the 1000 Series offers choices that allow you to match the doors to your entrance requirements—several size options, canopy choices, and custom painted or anodized finishes. The operating mode can be manual, automatic, or security mode.

**Crane 1000-M Series** doors use the same 100:1 gear manual speed control and bookfold mechanism

provided on all Crane manual revolving doors. We use .125 thickness aluminum construction as the primary material, and all door construction is completed by the experienced craftsmen in our Chicago facility. The Crane 1000 series also offers an expedited production lead time for jobs with a fast-tracked completion date.

**Crane 1000-A Series** doors feature the same automatic drive system as Crane's higher end custom series doors. The MDS-A Modular Drive System includes an advanced microprocessor control and is torque driven for safety.

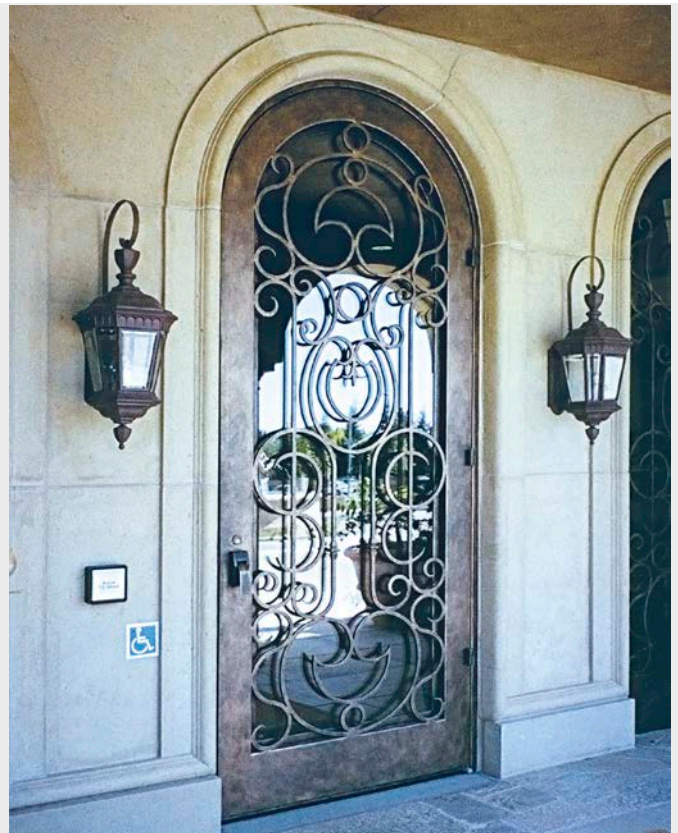


## DORMA ED400-IG

### Automatic in-ground floor operator

Meet access requirements and simultaneously maintain a classic look such as an arched door or an all-glass façade, with the **DORMA ED400-IG**. This revolutionary operator conceals the automatic components in the floor near the door threshold.

The ED400-IG functions in low energy or full power mode, and can be used in new construction and retrofit applications. It directs energy generated by the ED400 drive unit to the pivot in a rotating motion—ensuring consistently smooth operation.





DORMA USA, Inc.  
Dorma Drive, Drawer AC  
Reamstown, PA  
800-523-8483  
[www.dorma.com](http://www.dorma.com)

07000357 • 9.14CT • 2M • USA