



08 42 29/DOP
BuyLine 1888

DORMA Automatics

Advanced
Automatic
Door Solutions



DORMA Automatics — Advanced Automatic Door Solutions

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

DORMA Automatics sliding and swinging door systems cover a wide range of applications and finishes. Fine design, custom

systems are available for prestigious, high end projects, while more standard systems meet the needs of value-driven applications.

Each product offers exclusive features such as an advanced microprocessor controller for precision performance and long-lasting reliability. A variety of sensors—all engineered to

provide optimum safety—are available to meet every application.

DORMA Automatics' partner company Crane Revolving Doors offers both manual & automatic revolving doors. These doors are ideal for high traffic applications requiring simultaneous entry and exit, controlled access, or an air-lock to help control energy costs.

Cover:
The DORMA MAGNEO
automatic magnetic
sliding door operator

DORMA Entrance Systems™ comprises three companies—DORMA Automatics, Crane Revolving Doors, and Carolina Door Controls. Drawing on the technologically advanced products and services of all its companies, DES offers total door automation solutions.



DORMA ESA — Stylish, Durable, and Powerful

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 are strong enough to operate door panels weighing as much as 350 lb. 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 sightline that blends the doors into the overall architectural design. In addition, DORMA uses a minimum .125 header thickness to create one of the strongest headers in the industry. The self-supporting header can span up to 16' without requiring additional reinforcement.

Another exclusive feature from DORMA Automatics is a sound-dampening track. An extruded EPDM rubber profile, located beneath the replaceable aluminum track, muffles sounds caused by friction from door carrier rollers. It reduces operational noise to a mere whisper and stops vibration resonance that can be transferred to building structures.

Two ESA styles are offered for elegant and upscale applications: Fine Frame and Monumental. The Fine Frame style is a perfect marriage of beauty and functionality, combining full view aesthetics with excellent weather-sealing qualities. The ESA Monumental style utilizes stainless steel or polished bronze. Custom welding eliminates seams and ensures a beautiful appearance for the lifetime of the door.

DORMA ESA400 Fine Frame

A perfect marriage of beauty and functionality



DORMA ESA-HP Hurricane-Resistant Doors

Sliding doors for withstanding nature's wrath



DORMA ESA Auto-Telescopic

Automatic telescopic sliding doors driven by proven ESA technology





DORMA ED400 — Powerful, Reliable, Flexible, and Intelligent

The **ED400 Full Power Swing Door Operator** is designed for demanding applications such as retail centers, airports, and health care facilities. Built for high traffic entrances and heavy duty applications, it can handle doors up to 320 lb per leaf.

DORMA Automatics tests its products 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.

Cutting edge ED400 technical platform

The ED400 operator, built with the most technologically advanced encoder and micro-

processor control, employs the most innovative user interface on the market today.

The microprocessor is self-learning for 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 — Smooth, Quiet Operation and 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.

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°.



DORMA CD80 — Innovative, Sleekly Styled, Low Profile Swing Door Operator



The quiet, sleekly styled **DORMA CD80** Swing Door Operator is ideal for noise-sensitive applications, such as offices and health care facilities. DORMA Automatics has tested the CD80 under severe climate conditions to ensure consistent

performance—rigorous testing subjected the CD80 unit's durable operation to over 500,000 cycles and to temperatures down to -40° .

Easily mounted to standard door systems, the operator simply latches to a mounting plate attached to the top jamb. The operator keeps the door open at an adjustable angle for up to 10 minutes.



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

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.

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



DORMA ICU1200 — Combined Multi-directional Swing and Bi-fold Operation

The new, 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 door on the other. Narrow stiles and an optional muntin ensure clear views for observing patients.

For normal traffic, the swing door opens conveniently 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.





DORMA ED1400 Low Energy Balanced Door

The **ED1400** offers balanced door features such as smooth operation, wind stack advantages, and monumental styling. Constructed with premium-grade aluminum extrusion and precision-assembled to the highest standard, the ED1400 uses the ED400 controller to open and a manual hydraulic closer to augment closing for super smooth operation in both automatic and manual modes.



DORMA ED1200 Bi-Fold Door

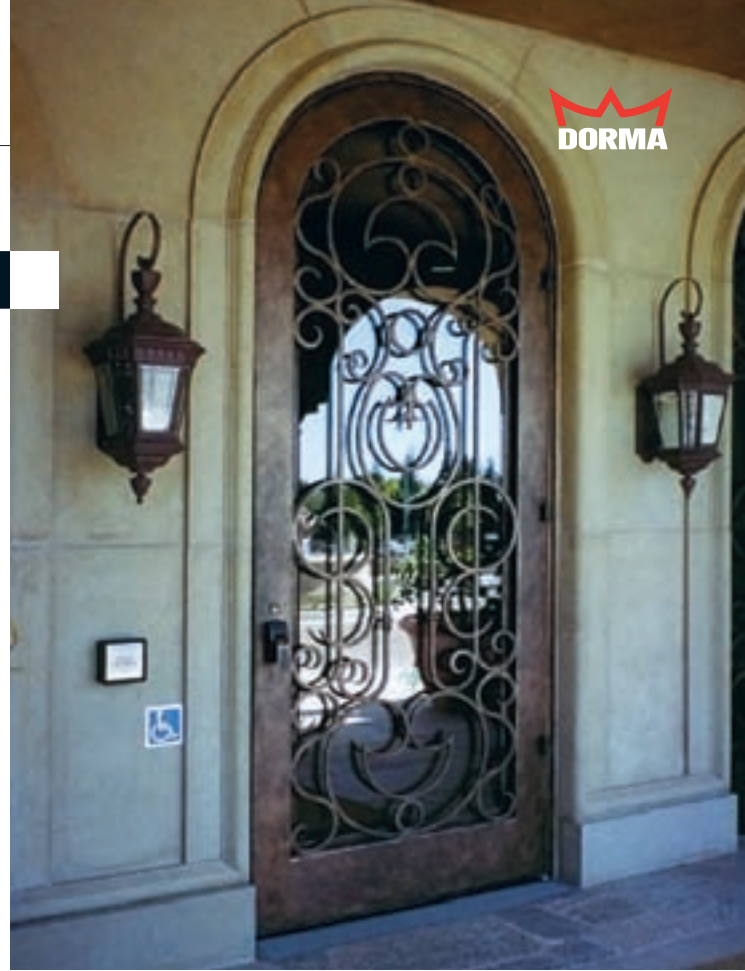
The **ED1200 Bi-Fold Door** combines proven mechanical design with easily programmable control units, creating a reliable, durable, and easy to install door. Its heavy-duty, strong, intelligent, and flexible ED400 controller and operator ensure smooth operation, while the easy breakout mechanism allows the ED1200 to utilize the full door opening.



DORMA ED400-IG — Automatic In-Ground Floor Closer

With the **ED400-IG**, you can meet access requirements and simultaneously maintain a classic look such as an arched door or an all-glass façade. This revolutionary new 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 both new construction and retrofit applications. It directs energy generated by the ED400 drive unit to the pivot in a rotating motion—ensuring consistent, smooth operation.



Crane Revolving Doors 1000 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. You can select from several size options, canopy choices, and custom painted or anodized finishes. The 1000 Series is available in manual, automatic, or security operating modes.

The 100:1 gear manual speed control and bookfold mechanism are the same as on all Crane products. We use .125 thickness aluminum construction as the primary material, and all door construction is completed by the experienced iron workers and craftsmen in our Chicago facility. The Crane 1000 series also offers an expedited production lead time for jobs with a fast-tracked completion date.





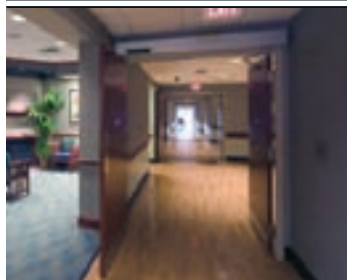
DORMA Entrance Systems™



DORMA Automatics • Crane Revolving Doors • Carolina Door Controls

Providing entrance systems that meet or exceed industry standards while maintaining architectural appeal.

DORMA Group North America



DORMA Automatics

A leading innovator of automatic door systems, DORMA Automatics offers products for practically any application: retail, health care, airports, hospitality, office buildings, and more.

Crane Revolving Doors

The choice of leading architects for commercial and institutional buildings, Crane Manual, Automatic, & Security Revolving Doors can be found in buildings worldwide.



Carolina Door Controls

Providing sales, installation, and service for automatic doors.

DORMA Entrance Systems™

Pedestrian Flow, Safety & Security

DORMA Architectural Hardware

Providing Safety & Security Around the Door

DORMA Glas

Elegance, Versatility & Beauty

Modernfold

Sound & Space Management

DORMA Entrance Systems
924 Sherwood Drive
Lake Bluff, IL 60044

Toll Free: 877.367.6211
Fax: 877.423.7999

Email: automatics@dorma-usa.com
www.dorma-usa.com

©2010 DORMA Group North America
DORMA is a registered trademark of
DORMA Properties, Inc.