

# DORMA ACCESS SOLUTIONS

# Enabling Better Buildings™

DORMA is a market leader of innovative and inspiring designs and technologies for access solutions. DORMA features a design-oriented portfolio of architectural door hardware, specialty hardware for glass door and wall applications, door automation systems including Crane revolving doors, operable wall systems featuring Modernfold, and electronic access control systems with DORMA Group companies Rutherford Controls, Inc. and Farpointe Data.

Architects and designers never have to look far for the help they need, thanks to DORMA's extensive network of professional staff in the Americas. Our partnership with independent distribution ensures local availability of products and support. Customers and partners around the world respect DORMA as a reliable, globally active business partner.

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DORMA's complete product portfolio meets or exceeds the requirements of practically any opening—door closers, sliding and swing glass door hardware, low energy operators, automatic and revolving doors, and more.



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DORMA's space division products include sliding glass wall systems as well as operable partitions to provide customized applications that fit your needs.



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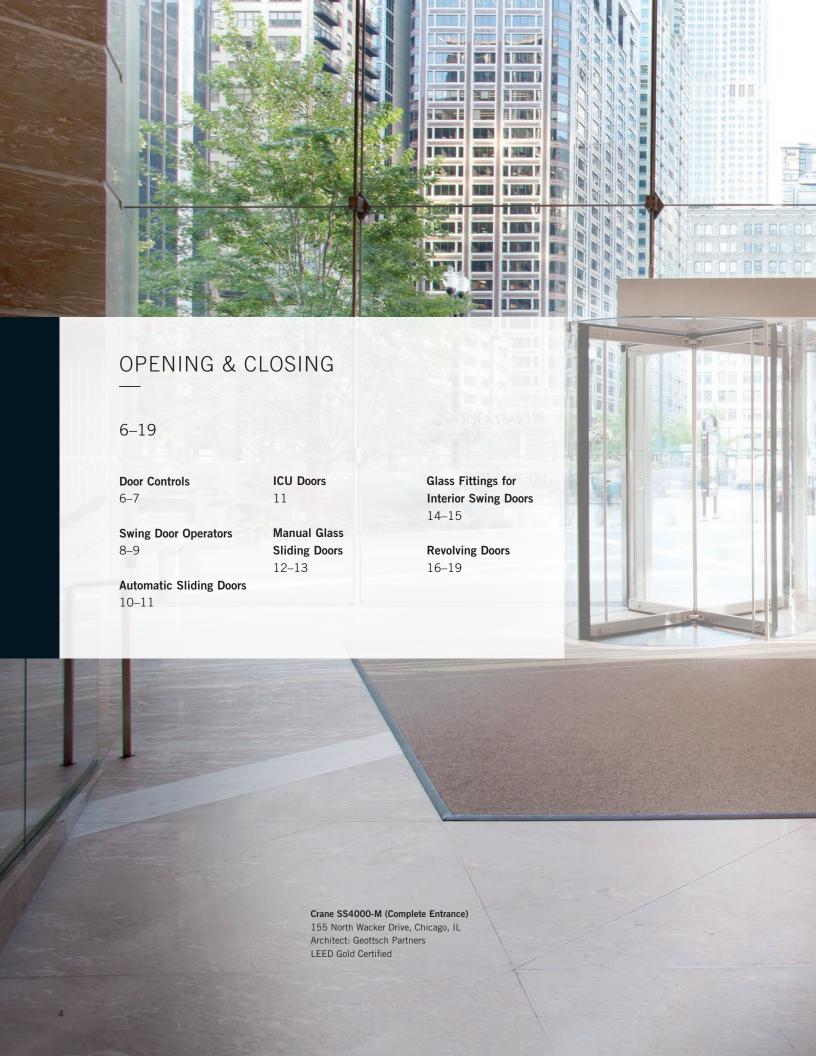
DORMA offers the industry's most comprehensive services —from specification and new installation to ongoing maintenance and support.

Cover:
Crane SS4000-M (Complete Entrance)
155 North Wacker Drive, Chicago, IL
Architect: Geottsch Partners
LEED Gold Certified



DORMA is a national member of the United States Green Building Council (USGBC). We understand the importance of LEED certification and welcome the challenge to build safe and sustainable buildings by aligning our products with standards set by the USGBC.







#### DOOR CONTROLS

DORMA's architectural and commercial products are both beautiful and functional to meet the demands of any building design.

**DORMA Surface Door Closers** range from technologically advanced camaction designs to traditional architectural and commercial products. All Grade 1 surface closers are backed by a 25-year warranty.

DORMA's line of versatile **Concealed Door Closers** work with almost any opening, providing effective door control without detracting from the aesthetics of the opening. Floor concealed, overhead concealed, and concealed in the door closers are all available.

Constructed of brass and steel, DORMA's **LM Series Pivots** are designed for long life and trouble-free operation. Like all DORMA products, our pivots are available in an array of finishes to enhance and complement surrounding décor.

The **DORMA EMR/EMF Series Holder/Release Devices** were developed to guard door openings in the event of fire. The **EMR Series** monitors and contains the spread of fire and smoke while allowing unimpeded, easy access throughout a building. The **EMF Series** is an electromagnetically controlled, frame-mounted, track hold open door closer for use on fire and/or smoke barrier doors. The EMF can be interconnected with an EMR to control pairs of doors.













### SWING DOOR OPERATORS

DORMA swing door operators offer flexibility, security, and design intelligence, covering a wide variety of demanding applications. These systems provide ideal speed and force for automatic door opening and closing, while incorporating innovative electronics and self-learning microprocessor controls.

Innovative, simple, and elegant, the **DORMA ED100/250/900 Series** are compact next generation electromechanical swing door power operators. Their stream-lined Contur design blends into and enhances any décor. The ED100 and ED250 operate in either low or full energy mode, while the ED900 is an exclusively low energy power operator.



DORMA ED100/ED250 Low Energy/Full Energy Power Operator

The DORMA ED400 Full Energy/Low Energy Swing Door Operator is designed for demanding applications such as retail centers, airports, and health care facilities. Built for high traffic applications, the ED400 can handle doors up to 51" wide and 320 lb per leaf. This unit functions as either a low energy operator or a full energy unit and can be modified with the flip of a switch.

For applications requiring barrier-free access, the **DORMA ED700 Low Energy Swing Door Operator** is the perfect solution. Simple and easy to install, the ED700 provides many features and functions to make existing doors easily accessible.









Intelligent and efficient, **DORMA ESA Automatic Sliding Doors** provide solutions for a broad spectrum of interior and exterior applications. Powerful ESA doors operate door panels up to 350 lb, while a continuous self-monitoring control system adds an extra measure of safety and efficiency. The impressive low-profile,  $4.5" \times 7.5"$  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.

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





Designed for any modern interior, the **DORMA MAGNEO™** sliding entrance system is powered by linear magnetic drive technology (LMD). Innovative LMD technology ensures the MAGNEO is safe, reliable, whisper quiet, and long lasting.





## ICU DOORS

DORMA's **ICU300 Series** enables continuous observation of patients, while allowing quick and easy access during emergency situations. 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.

The easy-to-install **DORMA ICU1200** is a perfect fit for installations with limited width and self-closing requirements. The ICU1200 combines a double-acting swing door on one side and a bi-fold manual door on the other.



# MANUAL GLASS SLIDING DOORS

**Introducing MUTO**—a new multifunction manual sliding door system with a range of optional features for enhanced ease of operation, including a self-closing option, DORMOTION damping mechanism, and a door position status indicator.

The MUTO system impresses by virtue of its compact elegance and extensive functionality. All the mechanisms controlling door functions are concealed behind the compact header.



Saving up to 10% of floor space compared to swing doors, DORMA sliding glass door systems create efficient and elegant transparent openings for offices and many other commercial as well as residential applications.

The versatile and durable **DORMA AGILE 150 Sliding Glass Door System** creates a sophisticated minimalist opening. The hidden rollers on a compact track can be mounted on a wall or ceiling, or recessed into the ceiling for an all-glass look.

Effortless, quiet, light, and durable, the **RS 120 System** can be mounted directly under the ceiling or onto a wall. The fiberglass-reinforced rollers guide the system effortlessly and quietly.

The ruggedly constructed **DRS 120 System** combines the RS system with standard DRS rails to create a revolutionary and durable sliding system. The DRS 120 matches the design of both HSW-DRS sliding doors and the DRS rail system, enhancing the versatility of all three systems.

The **DORMA MANET System** discreetly enhances the ambience of any room. High quality stainless steel fittings create sliding doors with exposed hardware, while smooth-running rollers glide on a track, ensuring quiet operation every time. MANET systems accommodate single, bi-parting, and curved applications.







Dri-Fit™ Glazing System TG 9387 Pulls

DORMA Universal, ARCOS, and EA Patch Fittings provide tempered glass assemblies that are technically sound and visually attractive. All DORMA fittings are based on a modular system, consisting of a base unit, functional inserts, and clipon covers in a wide range of finishes.

DRS Rails are delivered with all DORMA hardware installed and prepped. Simply clamp the rails onto a piece of tempered glass and the system is ready for installation. DORMA Headers incorporate overhead concealed closers, contributing to the overall transparency of swinging glass doors, while the DORMA Dri-Fit™ system simplifies glazing installation.

**MANET Flush-Mounted Single-Point Fittings** create frameless glass swing doors. MANET pivot doors can be wall-, transom-, or sidelite-mounted, accommodating various glass thicknesses.

The **VISUR Double-Acting Pivot System** has no visible fittings so the glass door blends seamlessly into the surrounding decor.

The **DORMA Floating Header** for all-glass entrances with transom connects to the adjoining sidelite glass, providing a platform for installing overhead closers, magnetic locks, door stops, or walking beam pivots.



VISUR Double-Acting Pivot System



**DORMA Floating Header** 















Available in hundreds of configurations, beautiful Crane manual, automatic, and security revolving doors can be found worldwide in all types of buildings.

Crane 1000 Series revolving doors set the industry standard for revolving door design, construction, operation, and reliability. Options include different diameters and heights, canopy designs, wing configurations, attachment plans, and finishes (anodized, painted, or clad in stainless steel or bronze), with manual or automatic operation. DORMA produces Crane 1000 Series doors from aluminum extrusions and sheet material. Each piece is carefully cut and fitted and connections are tightly bolted together with hairline joints. After fabrication, all exposed surfaces are mechanically finished to eliminate marks caused by rolling, forming, and welding. Anodized or painted finish is then applied. All standard colors, as well as most exotics and metallics can be applied.

The **Crane 2000 Series** revolving door's construction is a step above the industry standard for revolving doors—providing your building with a robust, reliable, and eye-catching entrance with manual or automatic operation. The 2000 Series features fully formed and welded construction on the enclosure and canopy, while, for a sleek appearance, wings can be clad in stainless steel, bronze, or aluminum over an aluminum subframe. The attachments are fully customizable and the door is available in a variety of sizes, finishes, and canopy designs.

Crane 3000 Series revolving doors combine premium construction with unmatched custom design, using materials such as mahogany or oak, stainless steel, or bronze. Wooden doors are hand-crafted by skilled mill workers to meet your specification meticulously. The Crane 3000 is the only fully formed and welded revolving door in the industry. For a smooth, beautiful appearance, the surface material is welded to a steel or stainless steel subframe, eliminating seams caused by cladding pre-finished materials to an aluminum subframe. Available with either manual or automatic operation, the 3000 Series door comes with a 5-year standard warranty.

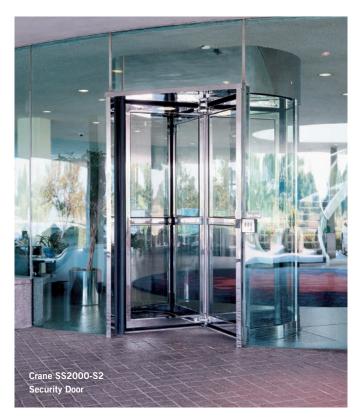
The manually operated **Crane 4000 Series** revolving door is the original all glass revolving door. It provides a spectacular first impression with its elegant and sophisticated design. Rich styling and sleek lines reinforce the exclusive image desired more and more for exquisite high-end store fronts and building entrances. The 4000 Series door is fully customizable, including push bars and attachment options to the store front, and the connection between the enclosure wall and exposed ceiling glass.

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#### SECURITY REVOLVING DOORS

All Crane doors are built with features that maximize security without compromising aesthetics. Three increasingly secure models are available for 1000, 2000, and 3000 Series doors. Each level can be set up with one-way or two-way access control and integrated into the existing security system. Various operating modes can be combined or customized per your project's specifications.

- **S1** A manual operated revolving door with access control features (electrified lock).
- S2 A technology-driven, automatic operated revolving door offering anti-tailgating, which prevents unauthorized access and minimizes impact on traffic flow.
- S3 A sophisticated automatic security revolving door with automatic anti-piggybacking to restrict access to a single person, as well as anti-tailgating.



#### DORMA KTC-SERIES LARGE DIAMETER REVOLVING DOOR

Eye-catching, functional and practical, DORMA KTC Series Large Diameter Revolving **Doors** meet a wide range of applications and are perfect for hospitality and transportation venues where customers are accompanied by luggage, strollers, and large items. Summer configurations enable doors to open for unobstructed flow or passage of bulky items. Offered in outside diameters up to 18'—among the widest in North America-DORMA KTC doors are available in configurations of two, three, or four wings. Optional locked wings and night shields can be incorporated for increased security.



DORMA KTC-2/2 Model Large Diameter Revolving Door



#### COMPLETE ENTRANCES

DORMA is a single source provider of complete, customfabricated entrance systems for both new construction and renovations. For a seamlessly elegant entrance façade, we are able to match finishes for different types of DORMA doors and hardware. Crane Complete Entrances provide more energy efficient solutions than entrances with swinging or sliding

Crane SS4000-M (Complete Entrance) 333 West Wacker Drive, Chicago, IL Architect: Perkins+Will, LEED Silver Certified

doors alone. Revolving doors increase energy savings and can contribute towards LEED certification for your building. DORMA offers consultation at the design phase to plan an entrance that matches your vision and your budget. Crane manual or automatic revolving doors, automatic sliding doors, and manual and/or automatic swinging doors from DORMA can all be integrated into the entrance.

Speed Control — All Crane manual revolving doors use the same 100:1 gear ratio manual speed control—made of cast steel, precision machined, sealed, and mounted in the canopy. The centrifugal force brake slowly engages as the door reaches the maximum allowable RPM set by code. The brake shoes can be easily adjusted or replaced. Crane's proven speed control design allows us to provide the industry's best 10 Year Warranty, another DORMA first.

**Welded Floor Grilles** — Floor grilles can be integrated into the revolving door design to ensure a working system and proper aesthetics. Fabricated from concentrically rolled bars of stainless steel, the grilles are curved to the radius of the revolving door, allowing the door to spin properly and minimizing damage to the bottom door sweep.



Welded Floor Grille

A **Crane Revolving Door Rehab Kit** brings new life to an old revolving door. A Rehab Kit can be made to any dimension to replace the wings and hardware of an existing revolving door. The kit can be manufactured from aluminum, stainless steel, bronze, or wood to match the original door as closely as possible, or it can be manufactured to give new style to an outdated entrance.



Crane Revolving Door Rehab Kit





### LOCKS & KEY SYSTEMS

Available with a wide range of finish and lever options, DORMA's full line of Grade 1 and Grade 2 locks meets the functional and aesthetic requirements of commercial and institutional doors. Our premium Grade 1 line includes mortise, mortise deadbolt, deadbolt, and cylindrical locks. All Grade 1 locks are available in numerous functions as well as electrified fail-safe and fail-secure models.

Our complete Grade 2 range includes premium heavy-duty cylindrical, deadbolt, and interconnected locks. All DORMA locks have UL approvals and meet or exceed ANSI standards. In addition, DORMA offers a complete selection of cylinders and keying options, including master keying and construction master keying. In the U.S. and Canada, DORMA offers the SKC patented serialized key control system—compatible across standard, SFIC, and LFIC cylinder types.



DORMA maintains key control by serializing every key blank. Authorized resellers and key cutters use a secure, web-based application to verify and track every single key.





D900 Grade 1

Small Case Mortise Dead Bolt



M9000 Series Grade 1 Mortise Lockset



C800 Series Grade 1 Cylindrical Lockset

DORMA's mortise, cylindrical, tubular, and dead bolt locks are a comprehensive selection of Grade 1 and Grade 2 locks that meet the functional and aesthetic requirements of commercial and institutional doors.



C500 Series Grade 2 Cylindrical Lockset

T900 Series Grade 2

**Tubular Lockset** 



CL700 Series Grade 2 Cylindrical Lockset



C300 Series Grade 2 Cylindrical Lockset



D800 Grade 1 Heavy-Duty Dead Bolt



DB600 Grade 2 Dead Bolt



J300 Series Grade 2 Interconnected Lockset



#### EXIT DEVICES & EXIT HARDWARE

DORMA exit devices reliably secure egress doors in compliance with all applicable fire/life safety code requirements. **DORMA 9000 Series Narrow** and **Wide Stile Exit Devices** are available in rim, surface, or concealed rod configurations in both fireand panic-rated versions. Mortise configurations are available with the 9000 Wide Stile Exit. The **8000 Series** with deadlocking latch bolts is a lower cost exit device solution. All exits are available with a variety of finish and trim options.

Motorized Latch Retraction (MLR) The 9000 Series heavy-duty exit device is now available equipped with a quiet motor for electronic latch bolt retraction. The optional MLR feature provides retraction of the latch from the secure side upon authorization of valid access control credentials. When activated, the concealed motor in the device's rail draws in the touch bar, thus retracting the latch.



**DORMA 9000 Series Heavy-Duty Exit Devices** provide superior durability for high impact applications such as schools, universities, and other institutional or commercial buildings. The new, enhanced DORMA 9500 is a mortise exit device for applications requiring high levels of security and durability. Heavy-Duty 9000 Series Exit Device 8900 Series Surface Closer

Accommodating a wide range of door sizes and applications, DORMA's **DG1000/1100/1300 Series Exit Hardware** features a bolt-action mechanism within the handle. (See page 21 for a DG1000 Series application.) The DG Series Exit Hardware is suitable for tempered glass, wood, and aluminum doors.\*

\*The type of door must be specified when ordering.

DORMA 8000 Series Exit Devices with deadlocking latch bolts minimize forced entry while offering a low cost solution for life/ safety requirements.







### ELECTRONIC ACCESS CONTROL

DORMA offers an extensive line of access control hardware—powered by products from DORMA Group companies
Rutherford Controls, Inc. and Farpointe Data. Electromagnetic locks, including specialized locks, are designed for such applications as gates, cabinets, and sliding doors. Also available are shear locks, power supplies, electric strikes, programmable digital keypads, desktop consoles, pushbuttons, and key switch combinations.

DORMA offers a wide range of accessories to complement its line of Electronic Access Control products including Door Position Sensors, Power Transfer Devices, Timers/Relays, and Monitor Strikes.

Low Energy Operators, DORMA Automatic Doors, and Crane Revolving Doors are also key to DORMA's extensive and diverse portfolio of electronic access control products.













# MOVEABLE GLASS PARTITIONS

DORMA Horizontal Sliding Glass Wall (HSW) Systems create space you can re-purpose easily without blocking light. In office buildings, re-configure public space into a conference room. In restaurants, re-segment dining rooms every night as bookings dictate. In banks, re-structure areas to be secure and visible at the same time. Whatever the project, DORMA HSW Systems inspire new possibilities.





HSW-GP System with single point MANET fittings



FSW-G Sliding/Folding System

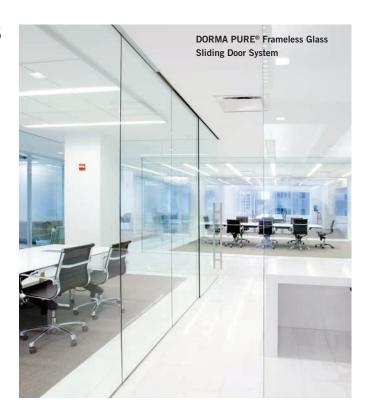




#### INTERIOR GLASS WALL SYSTEMS

**DORMA Interior Glass Wall Systems** bring the benefits of glass to the workplace—transparency, daylighting, versatility, efficiency, space saving, and low cost of ownership. The wall systems come in a range of sleek but rugged minimalist designs and configurations so you can select the system that best matches your project's functional and aesthetic requirements.

DORMA PURE® Frameless Glass Walls bring a simple, unifying elegance to the workplace; a choice of sliding or swing door configurations adapts the design to virtually any space. The PURE ENCLOSE® and PRIVÉ® designs offer the transparency of glass reinforced with fully framed panels—providing greater security and sound mitigation. The demountable DORMA REVEAL® system offers the ultimate in sound attenuation, with fully framed and interlocking double glass panels.











DIVIDING MOVEABLE PARTITIONS

#### MOVEABLE PARTITIONS

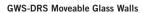
#### From Modernfold, a DORMA Group Company

Where others see only space, Modernfold sees possibilities: for adding new efficiencies to growing business environments; for bringing areas of calm and quiet to bustling schools; for introducing light and elegance to the most surprising places. From versatile operable partitions to architecturally-striking glass wall systems, Modernfold leads the way in delivering long-standing quality, custom solutions, and unsurpassed

support in moveable walls. Give Modernfold your next space division challenge and let us show you the possibilities.

Modernfold never loses sight of the fact that each project is unique and demands individualized attention to design, product selection, installation, and service. For product details, visit the Modernfold website www.modernfold.com.

Acousti-Seal® Encore™ Moveable Partitions





Custom Moveable Partitions: Telescoping Panels with Frosted Glass

#### SPECIFICATION WRITING SERVICES

Experienced Architectural Hardware Consultants (AHCs) on staff provide comprehensive specification writing services—including consultation on architectural hardware, doors and frames, glass doors, operable walls, revolving doors, and automatic doors and operators.

DORMA's AHC consultants offer the following services:

- Develop detailed, non-proprietary, open and competitive architectural hardware specifications and schedules
- Develop detailed specifications for all other product groups
- Meet with Design Professional and/or Owner to discuss project requirements and security coordination
- Assist with sizing and layout of systems
- Prepare budgets
- Review substitution requests
- Review submittals
- Respond to RFIs, Owner's comments, and comments from other entities
- Assist Owner to develop a keying schedule
- Develop a punch list during Contract Administration

For comprehensive project support, call DORMA at **844-SPECNOW** (844-773-2669).

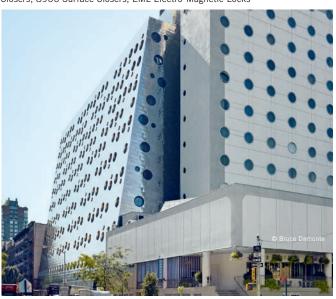
The Jackson Laboratory for Genomic Medecine – Farmington, CT Architect: Centerbrook Architect and Planners DORMA Interior Glass Walls: PURE Frameless and PURE Enclose DRS Rails, RTS88 Overhead Concealed Closers





The Dali Museum – St. Petersburg, FL
Architect: HOK Photo courtesy Mons Moreno/HOK
M9000 Mortise Locks, 8900 Surface Closers, 9000 Exit Devices,
Low Energy Automatic Operators

The Dream Downtown Hotel – New York City, NY
Architect: Frank Fusaro Handel Architects
M9000 Mortise Locks, 9000 Exit Devices, ITS96 and BTS80 Concealed
Closers, 8900 Surface Closers, EML Electro-Magnetic Locks





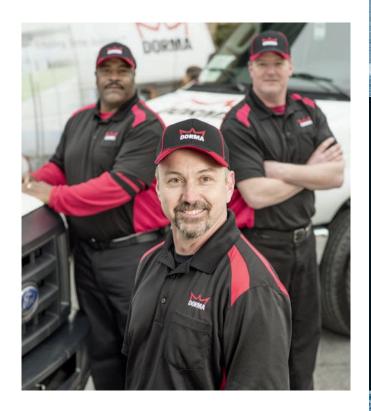


# DORMA USA SERVICE & INSTALLATION

With an emphasis on customer service, DORMA is committed to selling, installing, and servicing automatic, revolving, and manual doors and hardware for commercial applications.

DORMA's nationwide service and maintenance network provides responsive, professional, and comprehensive sales, technical, project management, and maintenance support. With over 28 offices throughout North America, DORMA has hundreds of dedicated professionals available to respond to your individual needs.

Committed to the highest level of customer service possible, all DORMA service technicians are American Association of Automatic Door Manufacturers (AAADM) certified.



Visit go.dorma.com/service to learn more about DORMA USA Service and Installation.



DORMA 800-523-8483 www.dorma.com