

2000 Series Crane Revolving Doors



Crane AL2000-M
Huntington Bank
Springboro, OH
Architect: Neumann/Smith

The Crane 2000 Series door is a cut above the already high standards set by the Crane 1000 Series door.

- The highly customizable 2000 Series beats other manufacturer's products in construction quality and design options.
- Every revolving door is designed, engineered, and fabricated by union craftsmen in our Chicago factory.

2000-M Series Automatic Revolving Door

Constructed of fully formed and welded aluminum, bronze, or steel, the Crane 2000 Series Revolving Door's enclosure and canopy are by far the best in the industry. The 2000's door wings are equally well built—fabricated from aluminum, bolted together with heavy-duty fasteners, then clad with stainless steel or bronze for a sleek appearance. The façade attachments are fully customizable. Available in a variety of sizes, finishes, and canopy designs, the 2000 Series revolving door is a robust, reliable entrance that catches the eye.

Standard 2000-M features include the industry's most reliable manual speed control; a heavy-duty bookfold mechanism; a smooth-surface canopy without pie wedges or visible supports; and a rubber and felt weather sweep that provides a superior air seal.

Crafted Construction

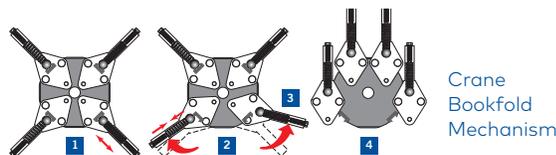
The Crane 2000 Series enclosure and canopy are fully formed and welded from rolled bronze or steel, or from true .125 thick aluminum extrusions and sheet material. After fabrication, all exposed surfaces are mechanically finished to eliminate marks caused by rolling and forming. The anodized, painted, or cladded finish is then applied; standard colors, as well as most exotics and metallics are available.

Strongest Door Wing in the Industry

The door wings are made from heavy-duty aluminum extrusions, carefully cut, fitted, and tightly bolted together. DORMA's meticulous fabrication process makes these door wings the strongest in the industry.

Speed Control

All Crane manual revolving doors use the same 100:1 gear ratio manual speed control. The Crane manual speed control is a steel cast, precision machined, sealed unit 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 dormakaba first.



Bookfold Mechanism

The heavy-duty Crane bookfold mechanism is constructed from a high grade chilled bronze casting. This heavy-duty hardware complies with all state and federal requirements for providing emergency egress. The pressure required to engage the bookfold mechanism is adjustable to meet local elements such as stack conditions, negative pressure, and wind conditions.

Air Infiltration

Crane revolving doors provide the most sustainable entrance possible, allowing continuous traffic flow while at the same time creating a barrier to prevent air infiltration. All our revolving doors are furnished with Crane factory-made door seals, which are essential for the barrier blocking inside from outside environments. The resulting air infiltration block enhances comfort for everyone inside and ensures the owner's return on investment. Crane doors are tested to meet the ASTM

E283 standard, as well as to the even more stringent ASTM E783. ASTM E283 defines air infiltration requirements in a lab setting, which does not replicate real world conditions. So dormakaba takes the extra step of testing Crane doors to ASTM E783, which requires testing in an actual building.

Available Options

- **S1 Security Access Control**—Features for all manual Crane doors. See the 2000-S Series Security Revolving Door brochure for details.
- **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, which allows the door to spin properly and minimizes damage to the bottom door sweep. The heavy-duty floor grilles are welded and formed from 304 or 316 solid stainless steel, 1/4" x 1" solid bars polished to a #4 satin finish. The recessed grille pan is welded from 12 gauge stainless steel and can have a drainage fitting added. Tolerances for the grilles aligning concentrically are to a 1/64" variance. **NOTE:** Floor grilles are not included in air infiltration testing.
- **Self-Positioning Closer "Return to Quarter-Point"**—An add-on feature that automatically resets the revolving door to its home (X) position after every use and provides an optimal weather seal while the door is idle. The Self-Positioning Closer requires a minimum 6-1/2" canopy, uses 110VAC, and does not require any additional safety sensors. This feature is compliant with ANSI 156.27. The closer works in conjunction with the Manual Speed Control and spins the door in a counter-clockwise direction. The Self-Positioning Closer functions independently from the Manual Speed Control, assuring the door's safe and compliant operation at all times even if the closer is turned off or removed.
- **Custom Push Bars**—Available upon request.
- **Ceiling Lights**—8" Circline style with fluorescent bulb, 8" Circline style with LED light, or LED spotlights.

Service and Maintenance

Servicing and maintaining your 2000-M Series door is vital to ensuring your entrance is fully functional and secure at all times. dormakaba offers a variety of service plans to meet your needs. To find out more, visit:

go.dormakaba.com/ServiceAMER

NOTE

Contact us or visit our web site for information about other Crane products.

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