

3000 Series Crane Revolving Doors



Crane BZ3000-A (Complete Entrance)
JW Marriott Chicago, Chicago, IL,
Architect: Lucien Lagrange & Assoc.

The 3000-A Series features the torque-driven Crane Modular Drive System. The reliable advanced microprocessor control monitors the door and occupants to ensure safe operation.

- Every Crane 3000 Series revolving door is a work of art as unique as the building it is a part of.
- Virtually every component of the door—push bars, canopies, glass panels, and more—can be customized to complement the building's exterior and interior design.
- Every revolving door is designed, engineered, and fabricated by union craftsmen in our Chicago factory.

3000-A Series Automatic Revolving Door

Every building is a story and the entrance sets the scene. By selecting a Crane 3000 Series revolving door, the scene is limited only by imagination and vision. Any building can benefit from the value of a revolving door; some buildings deserve the stylized choice of the industry's signature product, a Crane 3000. Whether the design includes the old-world elegance of mahogany or a sleek and contemporary steel finish, or anywhere in between, the 3000 offers premium construction and unrivaled custom design. The Crane 3000 Series is the only fully formed and welded revolving door in the market with a 5-year standard warranty.

Standard 3000-A features include an advanced microprocessor control; a safety sensor system that monitors the door and its occupants; heavy-duty bookfold mechanism finished to match the door; and a smooth-surface canopy without pie wedges or visible supports.

Crafted Construction

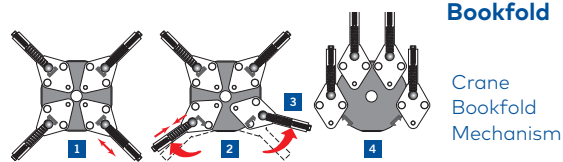
Crane 3000 Series revolving doors are cut, formed, and precisely welded from heavy USS 16 gauge stainless steel or 14 B&S gauge bronze sheet and compatible bar stock to create the sturdiest structural elements possible. The exterior surface metal is fully welded to the interior reinforcing substructure. The four door wing corners and the interior enclosure-post-to-base connections are all welded. Canopy fascia are visually seamless and attached to the ceiling soffit with concealed welds. All exposed surfaces are ground and polished to eliminate blemishes from rolling, forming, and welding.

The Only Tailor Made Door Wing on the Market

Fully customizable 3000 Series door wings can be fabricated from wood (e.g. mahogany or oak), welded stainless steel or bronze, or some other custom material. dormakaba's meticulous fabrication process makes Crane door wings the strongest in the industry.

Automatic Drive System

The 3000-A Series door features the Crane Modular Drive System, which includes a reliable advanced microprocessor control and is torque driven for safety. The advanced control utilizes two redundant obstruction systems to ensure the ultimate in pedestrian safety.



Bookfold

Crane Bookfold Mechanism

Mechanism

The heavy-duty Crane bookfold mechanism is constructed from a high grade chilled bronze casting—heavy-duty hardware compliant 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.

Energy Savings

Installing a 3000-A Series revolving door provides the most sustainable entrance possible. It allows continuous traffic flow while creating a barrier to prevent air infiltration. This barrier separates inside and outside environments, while enhancing the comfort of everyone inside and ensuring the owner's return on investment.

Safety is Paramount

All Crane 3000-A Series revolving doors exceed the ANSI 156.27 standard for automatic revolving doors. The drive and safety sensor system continuously monitors the door and its occupants. Standard safety features include:

- Enclosure wall safety bumper (2 per door)
- Heel guards (1 per wing)
- Wing sensors (1 per wing)
- Breakout detection
- Torque-limited drive system
- Handicap door speed reduction switches (2)
- Emergency stop button (1)
- Activation
- Force detection

Additional Option—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.

Customizable Options

- Push bars
- Ceiling lights
- Finishes
- Dimensions and sizes
- Canopy
- Glass

Service and Maintenance

Servicing and maintaining your 3000-A 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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