

# 2000-A Series

## Automatic Revolving Door

# Crane Revolving Doors



Crane AL2000-A (Complete Entrance)  
Marriott - Chicago O'Hare, Chicago, IL  
Architect: Houston/Tyner

**The 2000-A Series features the torque-driven Crane Modular Drive System. The reliable advanced microprocessor control monitors the door and occupants to ensure safe operation.**

- 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.

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-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

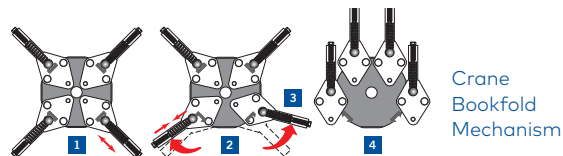
The Crane 2000 Series enclosure and canopy are fully formed and welded from rolled bronze or steel, or from true .125 thick aluminum extrusions and sheet material. After fabrication, all exposed surfaces are mechanically finished to eliminate marks caused by rolling and forming. The anodized, painted, or clad 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.

### Automatic Drive System

The 2000-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 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.

### Energy Savings

Installing a 2000-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.

### 2000-A Series Options

The 2000-A Series door can be specified to meet any design. Standard options include standard diameter sizes, different canopies, wing configurations, finishes, and building attachments. Additional options include:

- **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. The tolerances for the grilles aligning concentrically are to a 1/64" variance.
- **Custom Push Bars** — Available upon request.
- **Ceiling Lights** — Crane offers three lighting options:
  - 8" Circline style with fluorescent bulb
  - 8" Circline style with LED light
  - LED spotlights

### Safety is Paramount

All Crane 2000-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

### Service and Maintenance

Servicing and maintaining your 1000-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](http://go.dormakaba.com/ServiceAMER)

#### NOTE

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

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