

Motion Assist 360

Adaptable Low Energy Drive System



A Continuous Advantage

Crane revolving doors set the standard for timeless design aesthetics. The introduction of our Crane Motion Assist 360 allows building owners to realize touch free entrance into their buildings, making it easier and safer for pedestrians to use manual revolving doors. This new, low energy, state of the art drive system provides an intuitive experience while preserving the architectural vision for the building.

Classified as a manual revolving door, Crane Motion Assist 360 offers three (3) different modes of operation, allowing you to choose the best operation method for your building. Depending on the traffic flow of your building, a simple turn of the key can change the operation mode from Manual to Power Assist or to Low Energy Automatic – providing the industries first touch free manual revolving door experience.

Two Traditional Operation Modes

In manual mode, the door functions as a traditional manual revolving door with the user pushing the door wing through the rotation. In power assist mode, the drive system is initiated after the door is manually set in motion and partially rotates the door to allow egress and return the door to the home (X) position.

Touch Free Operation

When used in Low Energy Automatic mode, the energy efficient drive system rotates at low energy speed, allowing a user to pass through the door without physical contact. There are two (2) different options for activating the low energy drive system.

Touchless wave plate actuators can be used to start the drive system

The door can be set for continuous rotation

Motion Assist 360 delivers an unsurpassed user experience in a singular solution.

Installation

- Overhead with Floor Mounted Speed Control (Requires a 4" canopy fascia height)
- Overhead Mounted Motion Assist 360 drive and Speed Control (Requires a 8" canopy fascia height)
- In Ground (Requires 32" diameter by 10-3/4" depth floor pit) *Remotely mounted power supply and controller (Up to 100' away).*

Available Crane Models

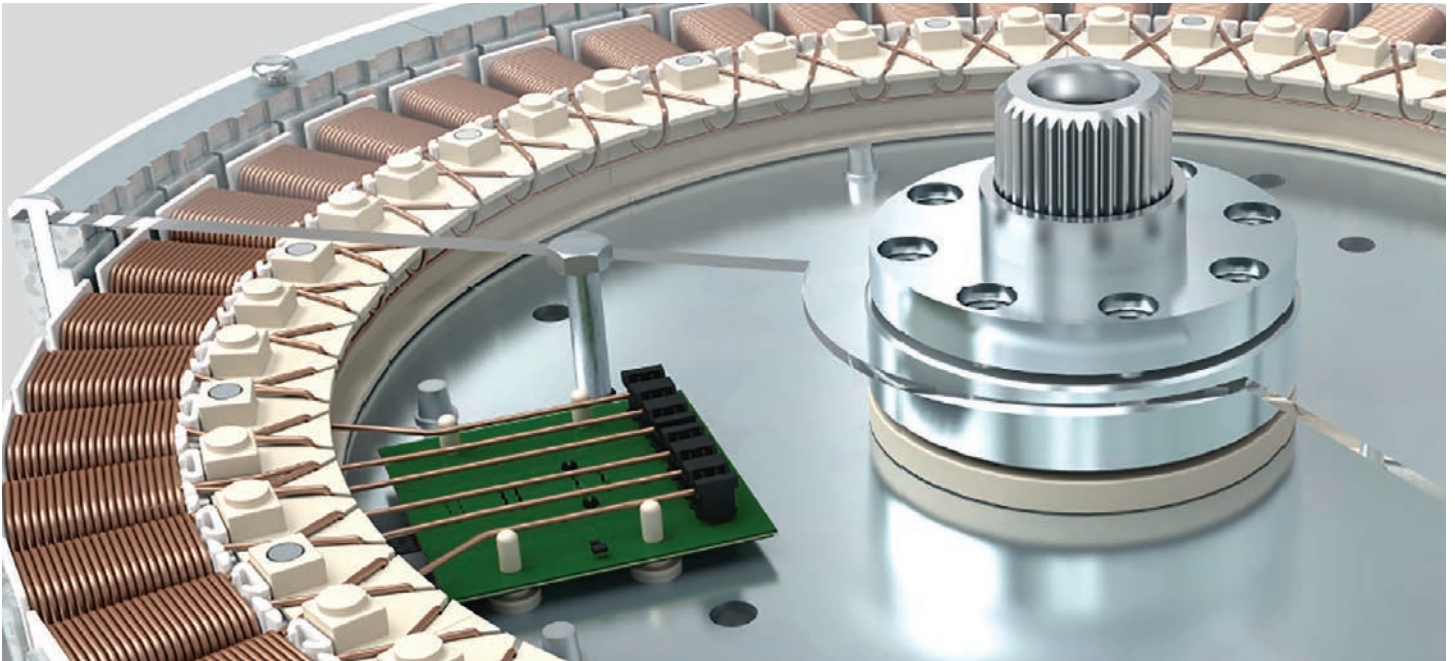
- 2000 Semi-Custom
- 3000 Fully Custom (Fully Formed and Welded)
- 4000 All Glass
- Available as a retrofit to existing Crane revolving doors
- Available in a rehab kit for other manufacturers revolving doors

Technical Features

Voltage Requirements	100 –240 VAC, single phase * or 220VAC -230VAC +/-10% **
Line Breaker	10 Amps
Frequency	50/60 Hz
Max Door Width and Height	The Maximum Enclosure Size allowable by ANSI 156.27 is 17'-0". When you add the diameter and the door opening height together, it shall be 17'-0" or less
Certifications	Designed to comply with ANSI/BHMA A156.27-2019. Drive system must be commissioned based upon door size, door weight and prevailing conditions at the opening to ensure compliance

* Requires a 20 Amp circuit at 110 VAC-120 VAC

** Requires a 15 Amp circuit at 220VAC -230VAC



Any questions? We would be happy to assist.

Contact us at 800 523 8483