

Motorized Rotation Jib Cranes

Why a Gorbel® Motorized Jib Crane?

Gorbel® Motorized Jibs are not mere adaptations. They are totally conceived as motorized products, with all the outstanding features of our standard jib cranes, plus these:

Control

- Variable Frequency Drives (VFD) are standard on all Motorized Jib Cranes. The drive can be configured for single or multiple speeds

Long Life

- Precision drive assembly with field adjustable torque limiter for added drive protection
- Worm gear reducer with oil bath lubrication for reliable operation and low maintenance. Worm gear reducer includes overload safety clutch
- Heavy-duty, totally enclosed, fan cooled, 3 phase Class B, 40°C ambient continuous, "C" faced motor, 30 minute rated, is standard

Precision

- Direct drive for all series jib cranes allows for accurate and consistent positioning of loads. This modular drive design makes maintenance easy and reduces long term costs
- Wall Cantilever and Mast Type masts are boxed for extra rigidity to withstand the forces of a Motorized Crane and provide more precise load control



Motorized Jibs are available in the Free Standing, Wall Bracket, Wall Cantilever, and Mast Type Series. Retrofit Motorized kits for Free Standing Jibs are also available. Pair with a GS Hoist for a complete solution.

Motorized Control Package Features

Variable Frequency Drive (VFD) is standard

- The Variable Frequency Drive can be used in one, two or three speed applications

VFD provides the ultimate in load control

- The VFD provides the ultimate in load control and positioning from the slowest possible creep speed up to the maximum speed

Easily adjustable speed control

- Through a simple keypad on the VFD, the acceleration rate, deceleration rate and rotation speed can be adjusted to fit your application. This allows you to customize the performance of the jib to your exact requirements

Designed for indoor and outdoor use

- When being used outdoors, the cranes are designed to operate in winds of 15 mph or less, based on a maximum load surface of 64 square feet. Consult the factory for applications exceeding these standards

Standard NEMA Rated Control Enclosure

- Gorbel's standard control enclosure meets the requirements for NEMA 3R, 12 and 4 environments. Optional enclosures are available for other environments

Low Maintenance Costs

- The VFD eliminates the need for magnetic reversing contactors, reduces the number of wearable components in the panel, and reduces long-term maintenance costs



Retrofit Existing Jibs with Motorized Rotation

The Retrofit Traction Drive kit will fit all Free Standing Jibs with box-style head assemblies no matter who made your jib crane. The modular drive assembly bolts to the back of the box-style head assembly. The friction drive powers large, heavy-walled rollers. The drive roller is easily adjusted to ensure a constant driving force. This is a great way to upgrade an existing Free Standing Jib Crane with motorized power making the Retrofit Kit a great, cost-effective way to solve workers' compensation or safety problems. Retrofit Traction Drive kits are available for indoor applications up to 5 ton with spans to 20 feet.

Retrofit Drive