

General Installation Instructions:

All lift assist devices and associated tooling are assembled and tested at the factory.

1.2 Articulated Jib Crane Requirements

Your jib crane should be installed where is not subject to radical changes in temperature or temperature outside the recommended limited listed below. Temperatures higher than recommended may cause problems with bearings, pneumatics systems, moving parts and tooling.

This equipment has been designed for INDOOR use ONLY.

1.3 Temperature Limits

- **Minimum** Temperature: - 40 Degrees Fahrenheit
- **Maximum** Temperature: +140 Degrees Fahrenheit

1.4 Air Supply

This equipment is designed for a minimum 75 PSI to 100 PSI, clean, dry, "Oil Free", filtered air recommended.

1.5 Shipment

The Deck Mounted Articulated Jib Crane Is Shipped As Follows:

SKID #1: Assembled Articulated Jib Crane complete.
ACCESSORY BOX: Loose parts and fittings.

1.6 Mounting Instructions

1.6.1.

Mount the "Top Hat" post on a secure foundation, no mounting bolts have been provided for this attachment as the depth of the foundation is unknown to the manufacturer. Clearance holes for grade 8. 5/8 bolts are provided.

1.6.2

Position the pedestal on the foundation so that the air supply is arranged to minimize the piping.



Arm assembly preparation for mounting:

1.6.3A

Locate 1/2 x 1/2 fitting and connect to bottom of main rotation bearing assembly. Assure the connection is tight.

1.6.3B

Plug the 4FT Length of 1/2" Polyethylene tubing to the fitting referenced in 1.6.3A. Assure the connection is tight and the tubing locked in place.

1.6.3C

Locate the 1/2 x 1/2 rotary union swivel fittings. Attach one to each of the swivel bearing assemblies.

1.6.3D

Locate the air lines that protrude from the arms. Plug these lines into the rotary unions referenced in 1.6.3C.

1.7 Mounting the Arms:

1.7.1

Prior to mounting the arms, assure the top hat is securely mounted to the foundation.

1.7.2

With a crane, fork-lift or other suitable, safe lifting device, pick up the articulated arms and position the machine mounted articulated jib crane approximately 6" above the top hat mating flange.

1.7.3

Insert the 4FT, 1/2 IN. air line from the main bearing into the top hat and feed it through the hold in the mounting foundation to the main air connection. If no hole exists, you may drill through the side of the top hat pipe, and feed the line out the side of the top hat. This will insure the main bearing rotation is not interrupted.

1.7.4

Slowly lower the arms onto the top of the top hat. Align the mounting holes. Using the six (6) 5/8-11 x 1 1/2 SHCS (provided) secure the arms to the top hat. Once secured, the lifting device may be detached from the arms. (recommended torque 175 FT. LBS)