

## 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 ceiling mounted articulated jib crane is shipped as follows:

SKID #1: Assembled articulated jib crane complete  
SKID #2: Crane trolley platform  
BOX #3: Loose parts and fittings

### 1.6 Mounting Instructions

#### 1.6.1

Slip the mounting platform onto existing I-Beam crane, rail. Refer to end-Truck instructions for assembly.

#### 1.6.2

Secure movement of mounting platform prior to attaching arms.



## 1.6.3

Arm assembly preparation for mounting:

### 1.6.3A

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

### 1.6.3B

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

### 1.6.3C

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

With a crane, fork-lift or other suitable, safe lifting device, pick up the articulated arms and position the unit approximately 3" below the mounting platform. Locate the 5/8-13 x 2" SHCS from the accessory box.

### 1.7.2

Align the holes in the platform with the bolts in the arm by turning the primary bearing plate on the arm.

### 1.7.3

Slowly lift the arms onto the mounting plate and secure with the bolts through the platform into the bearing. Use Loctite for this connections.