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## **INSTALLATION INSTRUCTIONS** **FLOOR MOUNT JIB CRANE**

**\*\*\*\*PLEASE READ ALL INSTRUCTIONS PRIOR TO ASSEMBLY\*\*\*\***

1. The jib crane is shipped in three sections: head assembly, mast assembly, and boom assembly. A box containing the top bearing and mounting hardware is also included. For identical jibs ordered in multiple quantities, look for markings on the head assemblies and beam assemblies. Match each head assembly with the correct beam assembly.
2. The footing shown is the only method recommended by the manufacturer. An individual competent in related foundation design methods and familiar with the installation site should design any alternative method.
3. Use a minimum 3000 PSI (5 bag) mix for concrete. A 2500 PSF soil pressure is assumed. Prior to pouring, position the rebar and 'L' shaped anchor bolts as shown. Anchor bolts are submerged  $\frac{3}{4}$  of footing depth. The anchor bolt material specification is A36. Rebar is located 6 inches from top and bottom of the footing. Be sure to allow for power conduit if feeding through the base of the jib. Position the anchor bolts according to the base plate bolt circle dimensions. (The anchor bolts can be purchased through your jib crane supplier.)
4. After the concrete hardens, make sure a flat, level surface exists for accepting the mast assembly. Machinery grout and jam nuts may be used to level the surface. Erect the mast on the prepared surface, taking care not to damage the anchor bolt threads while setting the base plate in position. Tighten double nuts onto the anchor bolts after insuring that the mast is plumb.
5. Mount the top pivot bearing cone over the pin on top of the mast assembly. If installing the bottom entry collector option, read the collector installation instructions at this time. Attach boom assembly to head assembly with the hardware provided. Set the boom and head assembly in place on the mast. Make sure the roller bearing on top of the mast is seated correctly into the bearing race on the boom assembly.
6. Adjust the lower roller assembly in the head section to bring the boom into horizontal.\*
7. Grease upper bearing and 5" diameter lower rollers through zerk fitting provided. Re-lube as conditions require. The 3" diameter lower rollers are self-lubricating. \*\*
8. Rotate the boom assembly to check for free movement and proper bearing seating.
9. Install the trolley end stops on the boom. Attach other optional equipment according to directions provided with the equipment.

\*Note - Small jibs are not adjustable at the lower rollers and may be leveled by shimming between the boom and the head mounting plates.

\*\*Note - Small jibs are not equipped with a zerk fitting and need to be greased at the top bearing prior to seating the boom and head assembly.

**WARNING: THIS EQUIPMENT IS NOT DESIGNED FOR AND SHOULD NOT BE USED FOR LIFTING, SUPPORTING OR TRANSPORTING PEOPLE.**