MaterialHandling.com
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OWNER'S MANUAL

TIE ROD, WALL & FLOOR MOUNTED JIBS
Model JIB-HC, JIB-LC, JIB-FM

Contents

WARNINGS & SAFETY INSTRUCTIONS

Read owner's manual completely before operating unit!

- Keep clear when operating.
- Never go under unit if there is weight on unit.
- Remove weight before working on unit.
- Always inspect unit before each use.
- Never use if unit is damaged.
- Never lift more than the rated capacity.
- Never mount unit near electrical lines.
- When mounting this unit be sure supporting surface is sufficient.
- Make sure all operator safety labels are in place.

RECEIVING INSTRUCTIONS

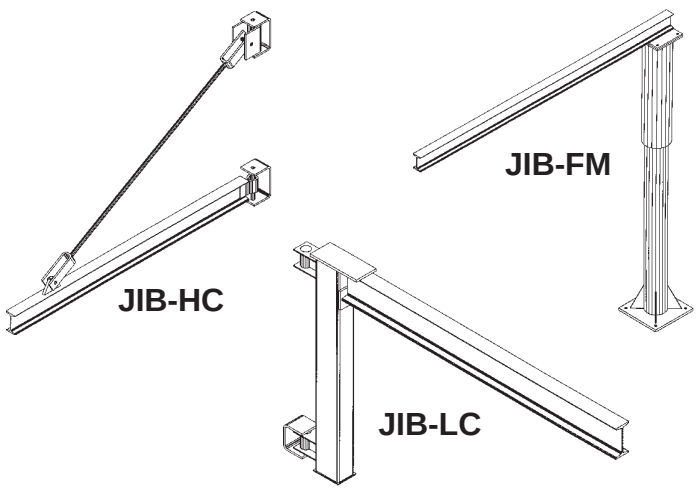
Every unit is thoroughly tested and inspected prior to shipment. However, it is possible that the unit may incur damage during transit. If you see damage when unloading make a note of it on the SHIPPER RECEIVER.

Remove all packing and strapping material, inspect for damage. IF DAMAGE IS EVIDENT, FILE A CLAIM WITH THE CARRIER IMMEDIATELY! Also, check the platform size, type of power unit, etc., to see that the unit is correct for the intended application.

WARRANTY

This product is warranted for 90 DAYS from date of purchase to be free of manufacturing defects in material and workmanship. The manufacturer's obligation hereunder is limited to repairing such products during the warranty period, provided the product is sent prepaid back to the factory.

This warranty does not cover normal wear of parts or damage resulting from any of the following: negligent use or misuse of the product, use or application contrary to
installation instructions, or disassembly, repair or alteration by any person prior to authorization from a factory representative.



TIE ROD, WALL & FLOOR MOUNTED JIBS

INSPECTION INSTRUCTIONS

Per OSHA Regulations **1910.179** all gantry cranes/jibs should have an:

1910.179(j)(1)(i) Initial inspection - Prior to initial use all new and altered cranes shall be inspected to insure compliance.

Besides that, for gantry cranes in regular service, there are two general classifications of inspections based upon the intervals at which the inspection should be performed. The intervals in turn are dependent upon the nature of the critical components of the crane and the degree of their exposure to wear, deterioration, or malfunction. The two general classifications are herein designated as "frequent" and "periodic" with respective intervals between inspections as defined below:

1910.179(j)(1)(ii)(a) Frequent inspection - Daily to monthly intervals.

1910.179(j)(1)(ii)(b) Periodic inspection - 1 to 12 month intervals.

1910.179(j)(2) Frequent Inspection

The following items shall be inspected for defects at intervals as defined above or as specifically indicated, including observation during operation for any defects which might appear between regular inspections. All deficiencies such as listed shall be carefully examined and determination made as to whether they constitute a safety hazard:

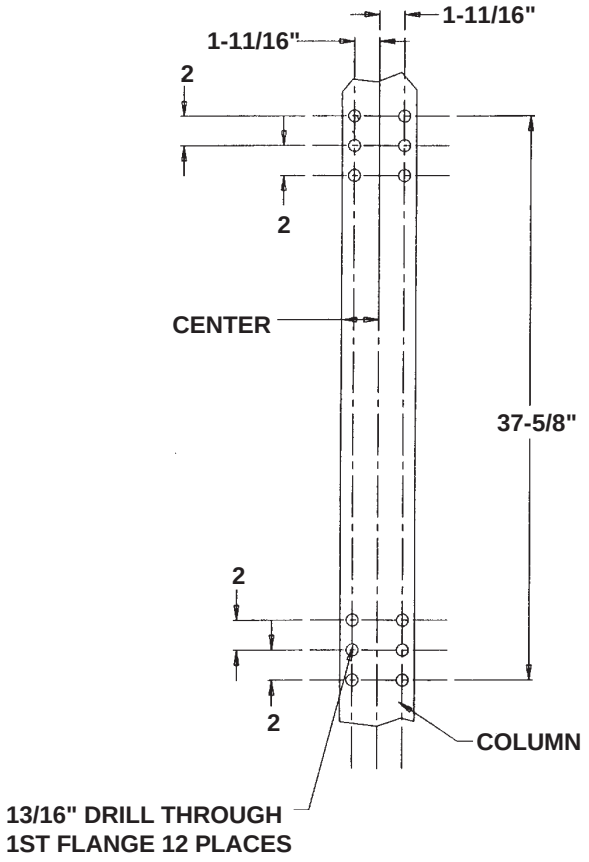
- All functional operating mechanisms for maladjustment interfering with proper operation. Daily.
- Hooks with deformation or cracks. Visual inspection daily; monthly inspection with a certification record which includes the date of inspection, the signature of the person who performed the inspection and the serial number, or other identifier, of the hook inspected.
- Hoist chains, including end connections, for excessive wear, twist, distorted links interfering with proper function, or stretch beyond manufacturer's recommendations. Visual inspection daily; monthly inspection with a certification record which includes the date of inspection, the signature of the person who performed the inspection and an identifier of the chain which was inspected.
- All functional operating mechanisms for excessive wear of components.
- Rope reeving for noncompliance with manufacturer's recommendation.

1910.179(j)(3) Periodic Inspection

Complete inspections of the crane shall be performed at intervals as generally defined above, depending upon its activity, severity of service, and environment, or as specifically indicated below. These inspections shall include the requirements of the frequent inspection stated above and in addition, the following items. All deficiencies such as listed shall be carefully examined and determination made as to whether they constitute a safety hazard:

- Deformed, cracked, or corroded members.
- Loose bolts or rivets.
- Cracked or worn sheaves and drums.
- Worn, cracked or distorted parts such as pins, bearings, shafts, gears, rollers, locking and clamping devices.
- Excessive wear on brake system parts, linings, pawls, and ratchets.
- Load, wind, and other indicators over their full range, for any significant inaccuracies.
- Gasoline, diesel, electric, or other powerplants for improper performance or noncompliance with applicable safety requirements. (IF APPLICABLE)
- Excessive wear of chain drive sprockets and excessive chain stretch.

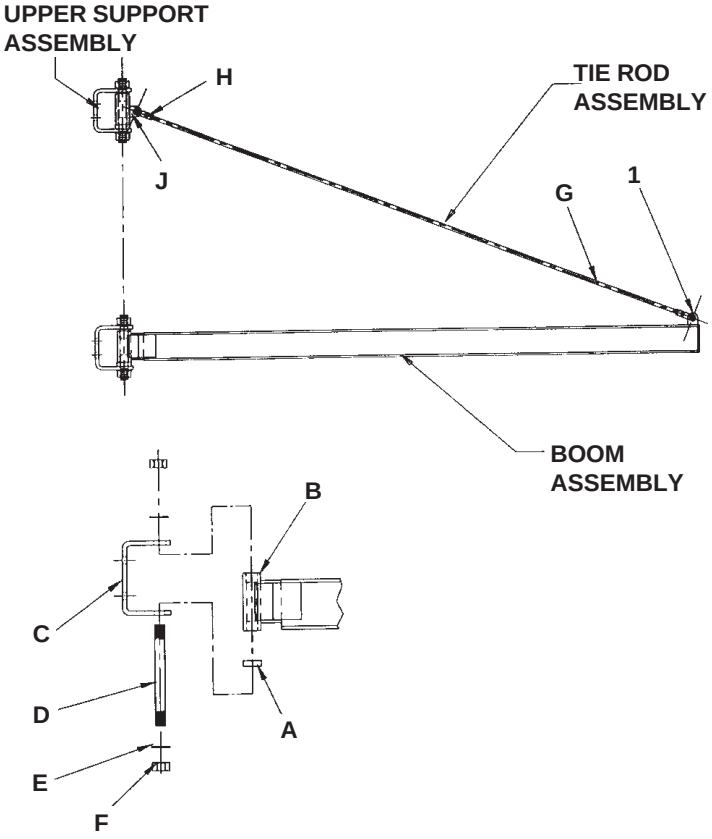
TIE ROD JIB (FOR HIGH CEILINGS)
Model JIB-HC-3-89, JIB-HC-6-89, JIB-HC-10-89 & JIB-HC-20-89



BOOM ASSEMBLY, UPPER SUPPORT ASSEMBLY & TIE ROD ASSEMBLY FOR HIGH CEILING JIBS (SHIPPED IN 3 SECTIONS)

1) Drill holes at desired height on a steel column using the dimensions as shown. Make sure that the holes are centered on the column.
2) Bolt the mounting brackets to the column with suitable fasteners.

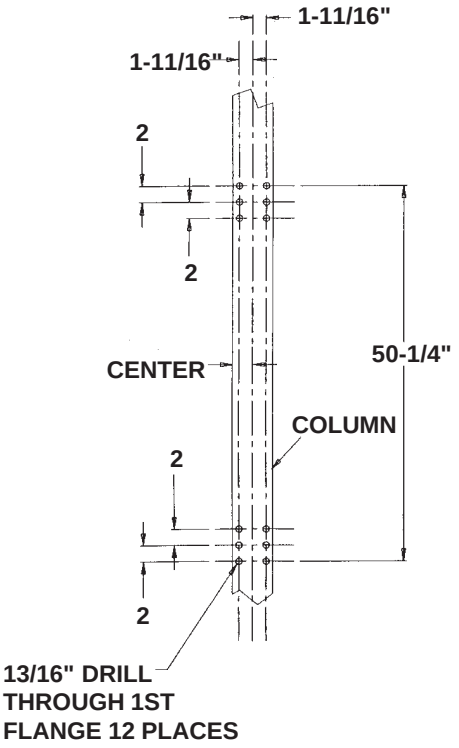
WARNING! This equipment is not designed for and should not be supporting or transporting personnel.



BOOM ASSEMBLY UPPER SUPPORT ASSEMBLY & TIE ROD ASSEMBLY FOR HIGH CEILING JIBS (SHIPPED IN 3 SECTIONS)

1) After brackets are mounted, (28-126-050) place thrust bearing (A) under bearing boss (B).
2) Align bearing boss (B) with the holes inside the mounting bracket (C) on the column.
3) Place rod (D) through the holes of the mounting bracket and the bearing boss (B).
4) Place 1-1/8 flat washers (E) on both ends of the rod (D).
5) Tighten both ends of the rod with 1-1/8" nuts (F), be sure that there is even amount of threads on both ends of the rod (D). Allow a 1/4" gap between the bearing boss and the top of the bracket.
6) Repeat steps 1-5 for the bottom assembly.
7) Align the pin holes of one yoke (H) to the pivot yoke brace (J) and secure the clevis pin and cotter pin
8) Adjust yoke ends and tie rod (G) evenly to plump and level the beam.
9) Then secure the other yoke (I) to the I-Beam with a clevis pin and cotter pin

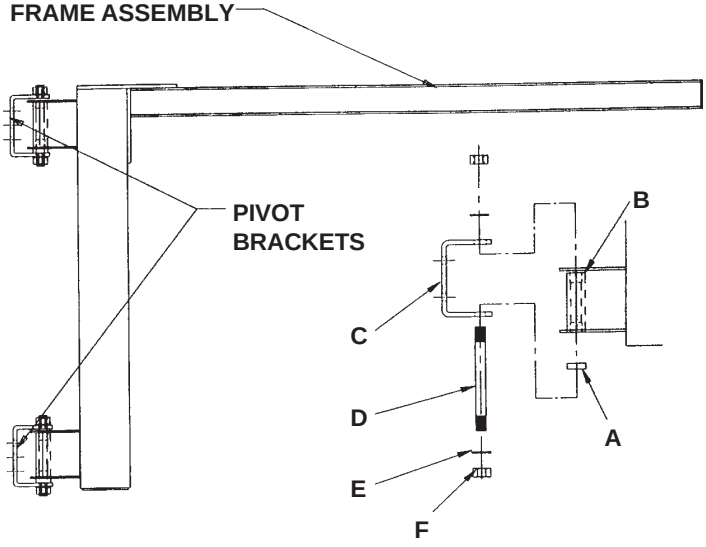
WALL JIB (FOR LOW CEILINGS)
Model JIB-LC-3-92, JIB-LC-6-92, JIB-LC-10-92 & JIB-LC-20-92



LOW CEILING JIB CRANE IS SHIPPED IN 2 SECTIONS, FRAME ASSEMBLY & PIVOT BRACKETS

1) Drill holes at desired height on a steel column using the dimensions as shown. Make sure that the holes are centered on the column.
2) Bolt the mounting brackets to the column with suitable fasteners.

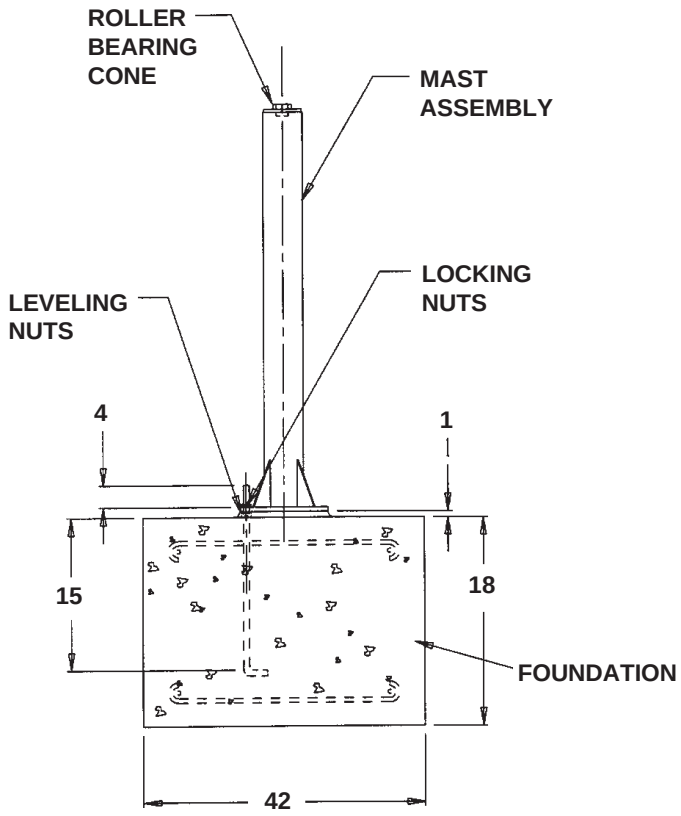
WARNING! This equipment is not designed for and should not be supporting or transporting personnel.



LOW CEILING JIB CRANE IS SHIPPED IN 2 SECTIONS, FRAME ASSEMBLY & PIVOT BRACKETS

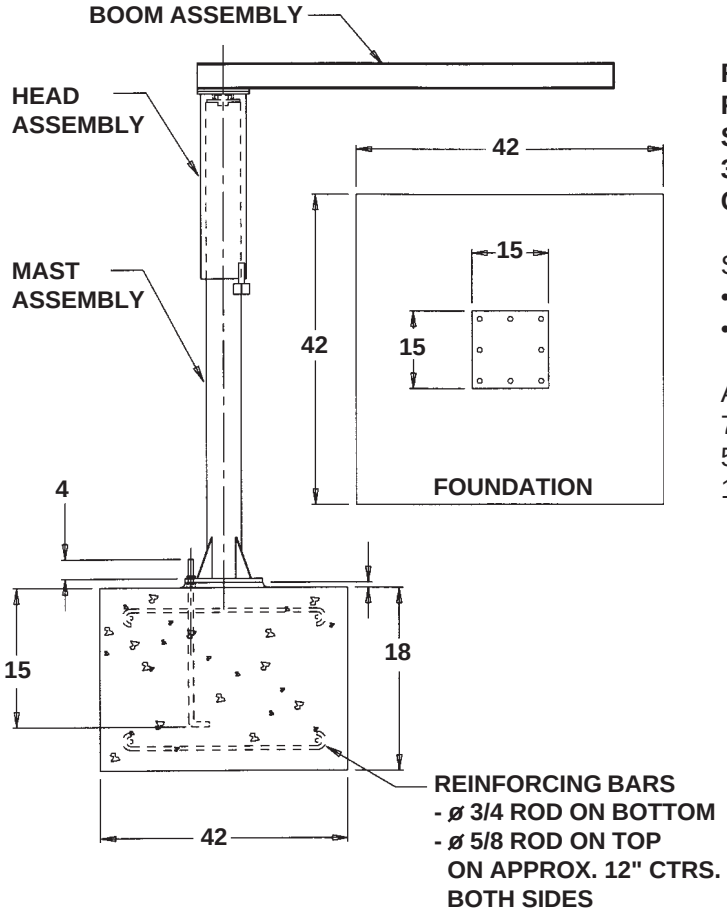
1) After brackets are mounted, (28-126-012) place thrust bearing (A) under bearing boss (B).
2) Align bearing boss (B) with the holes inside the mounting bracket (C) on the column.
3) Place rod (D) through the holes of the mounting bracket and the bearing boss (B).
4) Place 1-1/8 flat washers (E) on both ends of the rod (D).
5) Tighten both ends of the rod with 1-1/8" nuts (F), be sure that there is even amount of threads on both ends of the rod (D). Allow a 1/4" gap between.
6) Repeat steps 1-5 for the bottom assembly.
7) Shim between pivot bracket and mounting beam to level jib boom.

FLOOR MOUNTED JIBS
Model JIB-FM-3-80



JIB CRANE IS SHIPPED IN 3 SECTIONS, HEAD ASSEMBLY, BOOM ASSEMBLY, MAST ASSEMBLY, AND A BOX CONTAINING BOLTS AND INSTRUCTIONS

1) After foundation has hardened with anchor bolts set, install leveling nuts (jam nuts) on anchor bolts and level across nuts. Then fill center of bolt patter to top of leveling nuts, with grout (Morta Mix).
2) Set mast into position on leveling nuts, install locking nuts on top of anchor bolts and base plate.
3) Plumb the mast at 90° increments. Using the leveling nuts to plumb.
4) Liberally grease the roller thrust bearing. The cone has been installed at the factory inside to head assembly.
5) Lower head assembly onto mast assembly. Use care not to damage roller thrust bearing.
6) Raise boom assembly onto head assembly. Attach with 4 - ASTM A325, 1/2" dia. bolts supplied. Torque bolts to 94 ft.-lbs.
7) After jib crane is operating satisfactorily set final grout under base plate and let harden before placing jib crane into service.



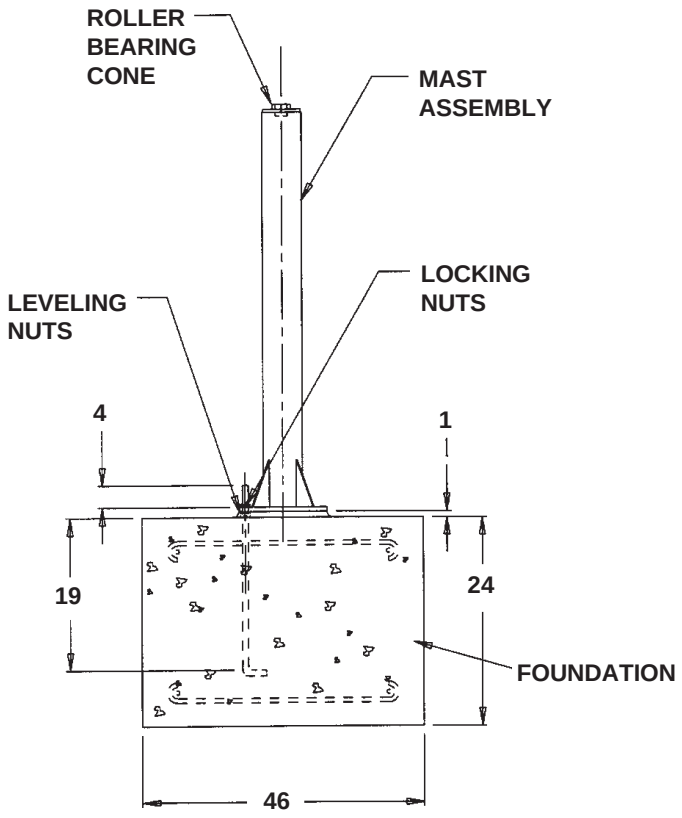
RECOMMENDED FOUNDATION CONCRETE FOUNDATION REQUIREMENTS ARE BASED ON A SOIL PRESSURE OF 2500 LBS. PER SQUARE FOOT 3000 LBS. PER SQUARE INCH COMPRESSIVE CONCRETE (5 BAG MIX TO ONE YARD OF CONCRETE)

SPECIFICATIONS
- 300 lbs. Capacity
- 750 lbs. Overall Weight

ANCHOR BOLTS
7/8" Diameter with J-Hook
5" Above Concrete Surface
15" Deep

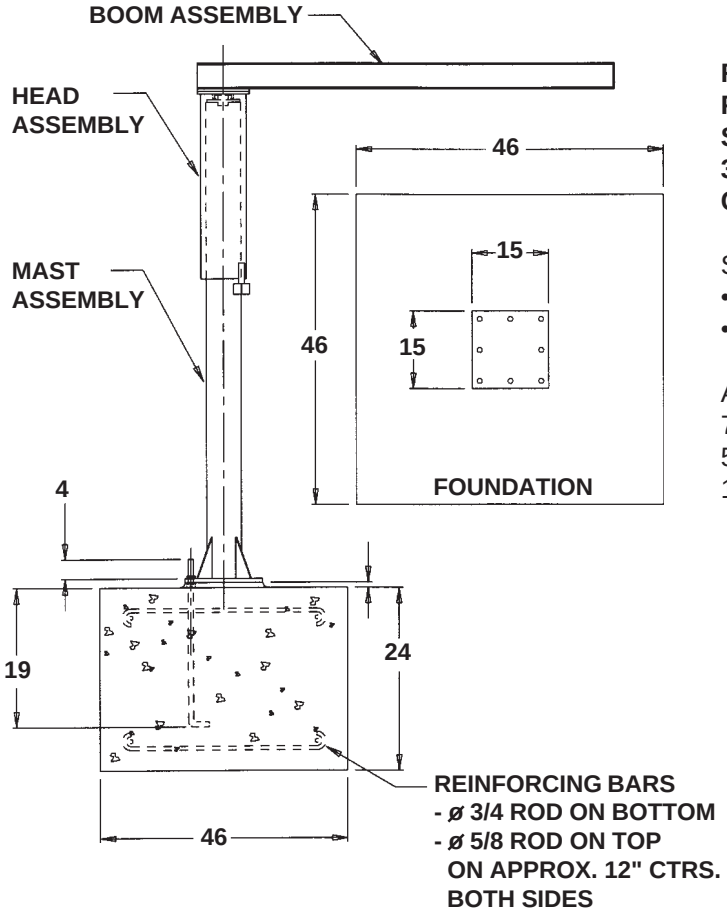
WARNING! This equipment is not designed for and should not be supporting or transporting personnel.

FLOOR MOUNTED JIBS
Model JIB-FM-6-80



JIB CRANE IS SHIPPED IN 3 SECTIONS, HEAD ASSEMBLY, BOOM ASSEMBLY, MAST ASSEMBLY, AND A BOX CONTAINING BOLTS AND INSTRUCTIONS

1) After foundation has hardened with anchor bolts set, install leveling nuts (jam nuts) on anchor bolts and level across nuts. Then fill center of bolt patter to top of leveling nuts, with grout (Morta Mix).
2) Set mast into position on leveling nuts, install locking nuts on top of anchor bolts and base plate.
3) Plumb the mast at 90° increments. Using the leveling nuts to plumb.
4) Liberally grease the roller thrust bearing. The cone has been installed at the factory inside to head assembly.
5) Lower head assembly onto mast assembly. Use care not to damage roller thrust bearing.
6) Raise boom assembly onto head assembly. Attach with 4 - ASTM A325, 1/2" dia. bolts supplied. Torque bolts to 94 ft.-lbs.
7) After jib crane is operating satisfactorily set final grout under base plate and let harden before placing jib crane into service.



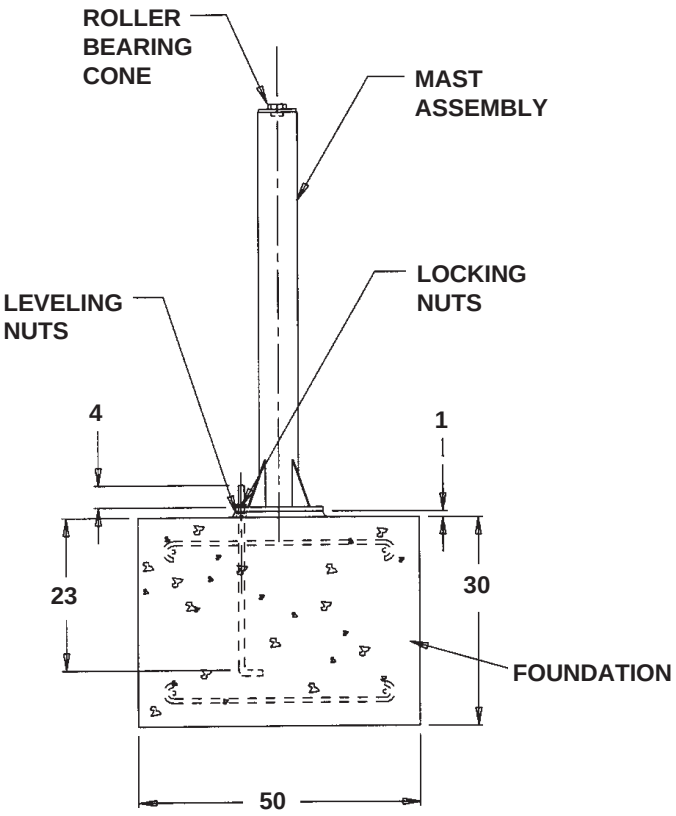
RECOMMENDED FOUNDATION CONCRETE FOUNDATION REQUIREMENTS ARE BASED ON A SOIL PRESSURE OF 2500 LBS. PER SQUARE FOOT 3000 LBS. PER SQUARE INCH COMPRESSIVE CONCRETE (5 BAG MIX TO ONE YARD OF CONCRETE)

SPECIFICATIONS
- 600 lbs. Capacity
- 750 lbs. Overall Weight

ANCHOR BOLTS
7/8" Diameter with J-Hook
5" Above Concrete Surface
19" Deep

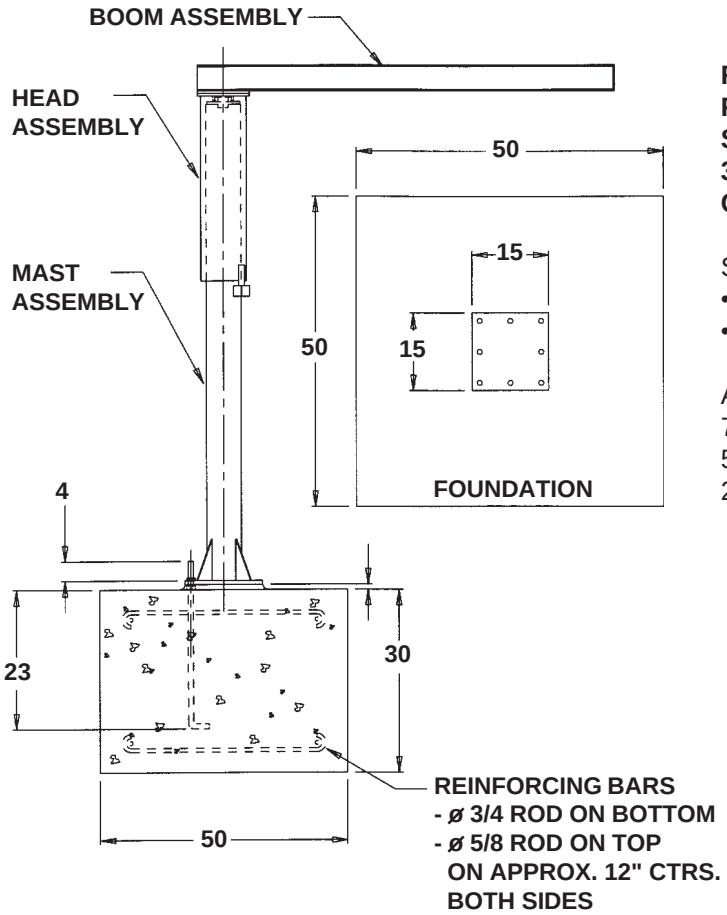
WARNING! This equipment is not designed for and should not be supporting or transporting personnel.

FLOOR MOUNTED JIBS
Model JIB-FM-10-80



JIB CRANE IS SHIPPED IN 3 SECTIONS, HEAD ASSEMBLY, BOOM ASSEMBLY, MAST ASSEMBLY, AND A BOX CONTAINING BOLTS AND INSTRUCTIONS

1) After foundation has hardened with anchor bolts set, install leveling nuts (jam nuts) on anchor bolts and level across nuts. Then fill center of bolt patter to top of leveling nuts, with grout (Morta Mix).
2) Set mast into position on leveling nuts, install locking nuts on top of anchor bolts and base plate.
3) Plumb the mast at 90° increments. Using the leveling nuts to plumb.
4) Liberally grease the roller thrust bearing. The cone has been installed at the factory inside to head assembly.
5) Lower head assembly onto mast assembly. Use care not to damage roller thrust bearing.
6) Raise boom assembly onto head assembly. Attach with 4 - ASTM A325, 1/2 dia. bolts supplied. Torque bolts to 94 ft.-lbs.
7) After jib crane is operating satisfactorily set final grout under base plate and let harden before placing jib crane into service.



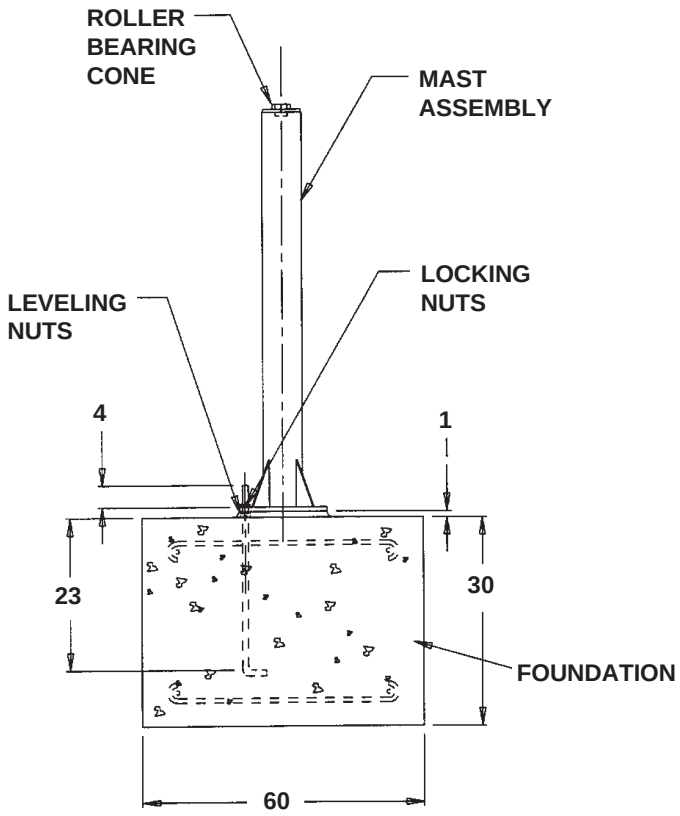
RECOMMENDED FOUNDATION CONCRETE FOUNDATION REQUIREMENTS ARE BASED ON A SOIL PRESSURE OF 2500 LBS. PER SQUARE FOOT 3000 LBS. PER SQUARE INCH COMPRESSIVE CONCRETE (5 BAG MIX TO ONE YARD OF CONCRETE)

SPECIFICATIONS
- 1,000 lbs. Capacity
- 750 lbs. Overall Weight

ANCHOR BOLTS
7/8" Diameter with J-Hook
5" Above Concrete Surface
23" Deep

WARNING! This equipment is not designed for and should not be supporting or transporting personnel.

FLOOR MOUNTED JIBS
Model JIB-FM-20-80



JIB CRANE IS SHIPPED IN 3 SECTIONS, HEAD ASSEMBLY, BOOM ASSEMBLY, MAST ASSEMBLY, AND A BOX CONTAINING BOLTS AND INSTRUCTIONS

1) After foundation has hardened with anchor bolts set, install leveling nuts (jam nuts) on anchor bolts and level across nuts. Then fill center of bolt patter to top of leveling nuts, with grout (Morta Mix).
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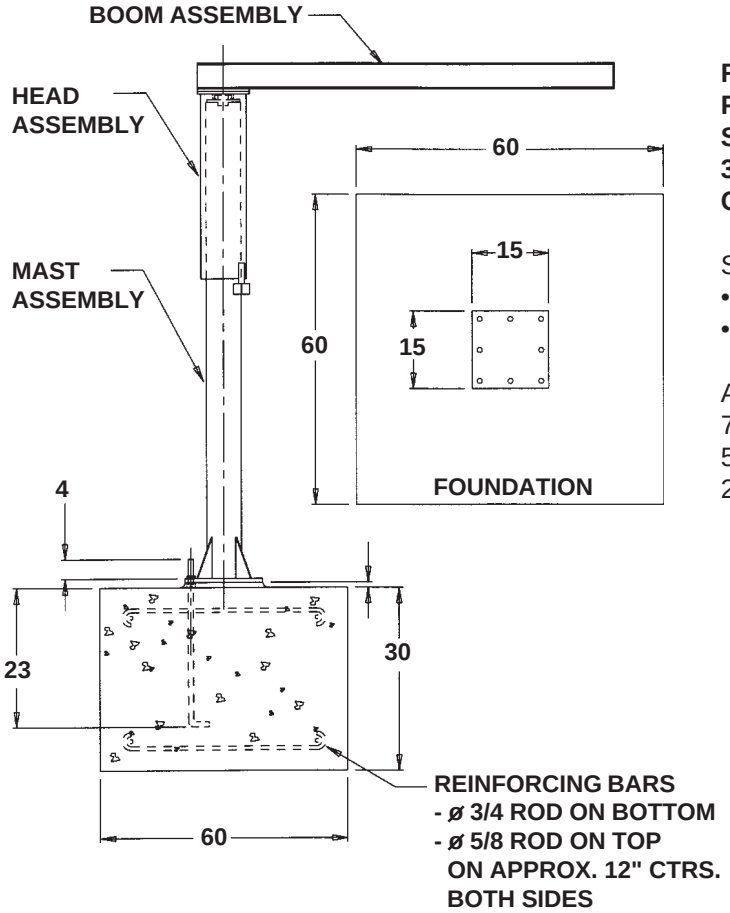
3) Plumb the mast at 90° increments. Using the leveling nuts to plumb.
4) Liberally grease the roller thrust bearing. The cone has been installed at the factory inside to head assembly.
5) Lower head assembly onto mast assembly. Use care not to damage roller thrust bearing.
6) Raise boom assembly onto head assembly. Attach with 4 - ASTM A325, 1/2" dia. bolts supplied. Torque bolts to 94 ft.-lbs.
7) After jib crane is operating satisfactorily set final grout under base plate and let harden before placing jib crane into service.



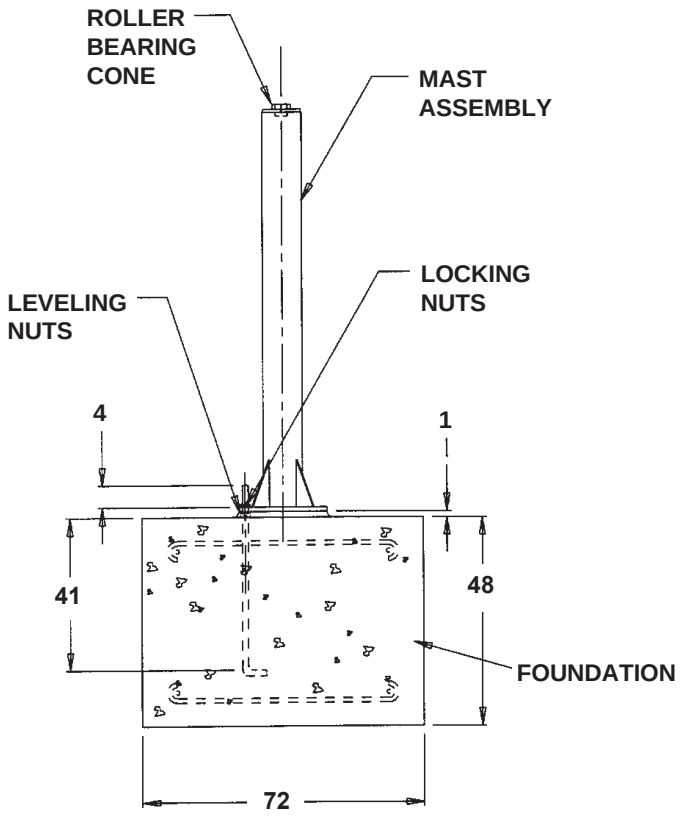
RECOMMENDED FOUNDATION CONCRETE FOUNDATION REQUIREMENTS ARE BASED ON A SOIL PRESSURE OF 2500 LBS. PER SQUARE FOOT 3000 LBS. PER SQUARE INCH COMPRESSIVE CONCRETE (5 BAG MIX TO ONE YARD OF CONCRETE)

SPECIFICATIONS
- 2,000 lbs. Capacity
- 750 lbs. Overall Weight

ANCHOR BOLTS
7/8" Diameter with J-Hook
5" Above Concrete Surface
26" Deep

WARNING! This equipment is not designed for and should not be supporting or transporting personnel.

FLOOR MOUNTED JIBS
Model JIB-FM-40-80



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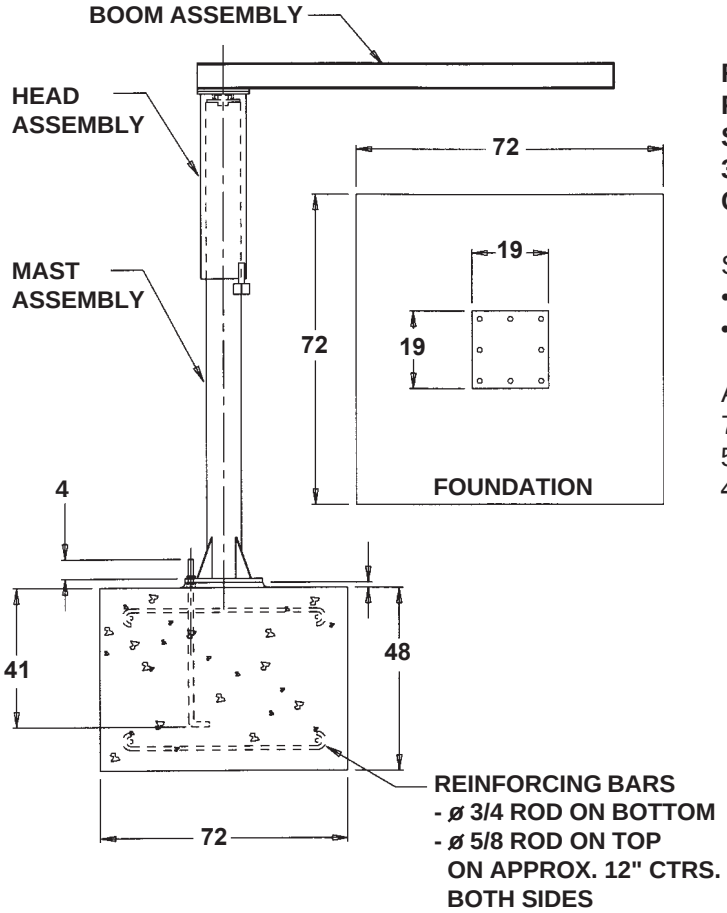


RECOMMENDED FOUNDATION CONCRETE FOUNDATION REQUIREMENTS ARE BASED ON A SOIL PRESSURE OF 2500 LBS. PER SQUARE FOOT 3000 LBS. PER SQUARE INCH COMPRESSIVE CONCRETE (5 BAG MIX TO ONE YARD OF CONCRETE)

SPECIFICATIONS
- 2,000 lbs. Capacity
- 750 lbs. Overall Weight

ANCHOR BOLTS
7/8" Diameter with J-Hook
5" Above Concrete Surface
41" Deep

WARNING! This equipment is not designed for and should not be supporting or transporting personnel.

Label diagram:

Your crane should always be labeled as shown in this diagram. Replace any labels that are damaged.

A: Label 391 + 562, 561, 560, 397, or 398

Label 562:

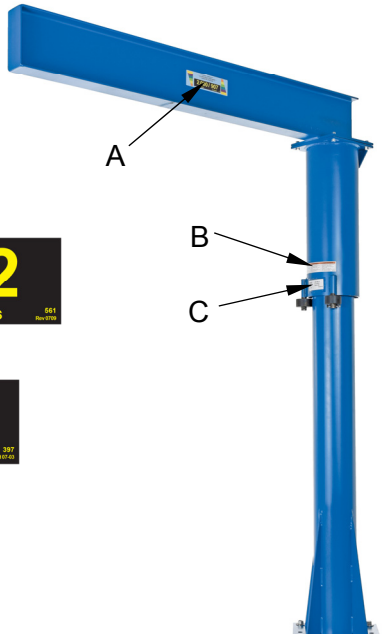
Label 561:

Label 560:

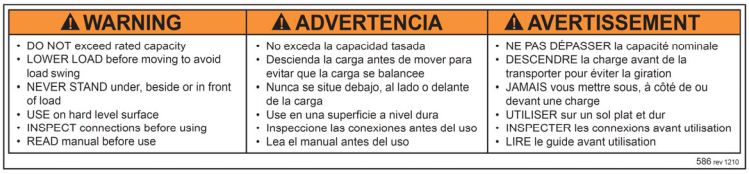
Label 397:

Label 398:

JIB-FM:



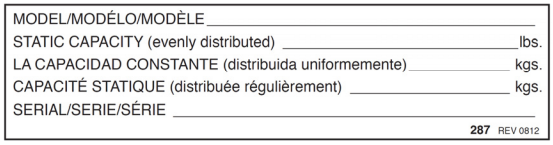
B: Label 586



⚠ WARNING	⚠ ADVERTENCIA	⚠ AVERTISSEMENT
• DO NOT exceed rated capacity • LOWER LOAD before moving to avoid load swing • NEVER STAND under, beside or in front of load • USE on hard level surface • INSPECT connections before using • READ manual before use	• No exceda la capacidad tasada • Descienda la carga antes de mover para evitar que la carga se balancee • Nunca se situe debajo, al lado o delante de la carga • Use en una superficie a nivel dura • Inspeccione las conexiones antes del uso • Lea el manual antes del uso	• NE PAS DÉPASSER la capacité nominale • DESCENDRE la charge avant de la transporter pour éviter la giration • JAMAIS vous mettre sous, à côté de ou devant une charge • UTILISER sur un sol plat et dur • INSPECTER les connexions avant utilisation • LIRE le guide avant utilisation

586 rev 1210

C: Label 287



MODEL/MODÉLO/MODÈLE _____

STATIC CAPACITY (evenly distributed) _____ lbs.

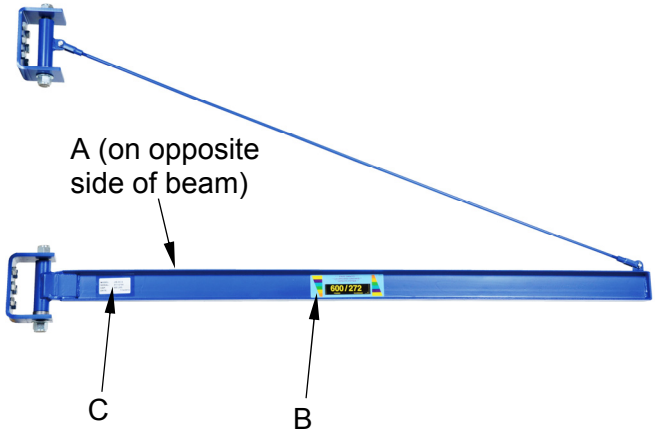
LA CAPACIDAD CONSTANTE (distribuida uniformemente) _____ kgs.

CAPACITÉ STATIQUE (distribuée régulièrement) _____ kgs.

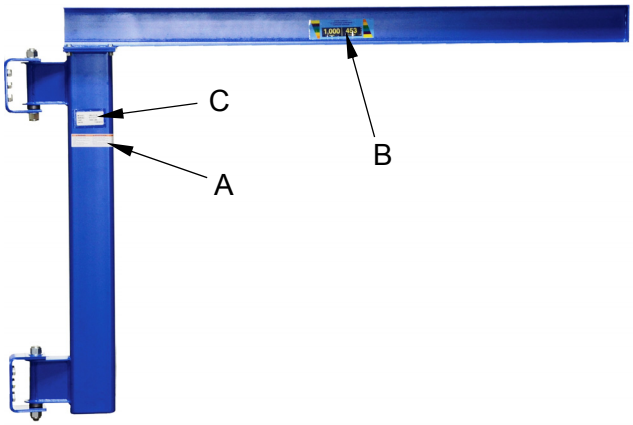
SERIAL/SERIE/SÉRIE _____

287 REV 0812

JIB-HC:



JIB-LC:



LIMITED WARRANTY

Vestil Manufacturing Corporation ("Vestil") warrants this Semi-Automatic Strapping Machine, model S-2001 to be free of defects in material and workmanship during the warranty period. *Our warranty obligation is to provide a replacement for a defective original part **if** the part is covered by the warranty, after we receive a proper request from the warrantee (you) for warranty service*.

Who may request service?
Only a warrantee may request service. *You are a warrantee **if*** you purchased the product from Vestil or from an authorized distributor AND Vestil has been fully paid.

What is an "original part"?
An original part is a part *used to make the product as shipped* to the warrantee.

What is a "proper request"?
A request for warranty service is proper if Vestil receives: 1) a photocopy of the Customer Invoice that displays the shipping date; AND 2) a written request for warranty service including your name and phone number. Send requests by any of the following methods:

Mail	Fax	Email
Vestil Manufacturing Corporation	(260) 665-1339	sales@vestil.com
2999 North Wayne Street, PO Box 507	Phone	
Angola, IN 46703	(260) 665-7586	

In the written request, list the parts believed to be defective and include the address where replacements should be delivered.

What is covered under the warranty?
After Vestil receives your request for warranty service, an authorized representative will contact you to determine whether your claim is covered by the warranty. Before providing warranty service, Vestil may require you to send the entire product, or just the defective part or parts, to its facility in Angola, IN. The warranty covers defects in the following *original* dynamic components: motors, hydraulic pumps, electronic controllers, switches and cylinders. It also covers defects in *original* parts that wear under normal usage conditions ("wearing parts"), such as bearings, hoses, wheels, seals, brushes, and batteries.

How long is the warranty period?
The warranty period for original dynamic components is 90 days. For wearing parts, the warranty period is 90 days. The warranty periods begin on the date when Vestil ships the product to the warrantee. If the product was purchased from an authorized distributor, the periods begin when the distributor ships the product. Vestil may, at its sole discretion, extend the warranty periods for products shipped from authorized distributors by *up to* 30 days to account for shipping time.

If a defective part is covered by the warranty, what will Vestil do to correct the problem?
Vestil will provide an appropriate replacement for any *covered* part. An authorized representative of Vestil will contact you to discuss your claim.

What is not covered by the warranty?

1. Labor;
2. Freight;
3. Occurrence of any of the following, which automatically voids the warranty:
    - Product misuse;
    - Negligent operation or repair;
    - Corrosion or use in corrosive conditions;
    - Inadequate or improper maintenance;
    - Damage sustained during shipping;
    - Accidents involving the product;
    - Unauthorized modifications: DO NOT modify the product IN ANY WAY without first receiving written authorization from Vestil. Modification(s) might make the product unsafe to use or might cause excessive and/or abnormal wear.

Do any other warranties apply to the product?
Vestil Manufacturing Corp. makes no other express warranties. All implied warranties are disclaimed to the extent allowed by law. Any implied warranty not disclaimed is limited in scope to the terms of this Limited Warranty.