**Lifting Beams & Custom Engineered Lifting Devices**

**BASIC INFORMATION**

*Lift-All* can provide a unique engineered device for your production requirements. Our custom devices range from large capacity beams to control and balance unwieldy loads, to fork lift attachments or small “S” or “J” hooks.

**Features, Advantages and Benefits**

**Promotes Safety**

- Specifically designed equipment makes each lift safer
- All equipment conforms to highest engineering standards and meets or exceeds government and industry regulations (ASME B30.20)
- Helps eliminate employee fatigue - raises morale and quality of work

**Saves Money**

- Productivity improves through efficiency when using properly designed lifting devices.
- Equipment can be designed to prevent costly load damage
- Rugged materials and construction provide long useful life

**Inspection Criteria for Lifting Devices**

Visually inspect lifting device and slings prior to each lift. Have competent person record inspection a minimum of once a year.

Check the following and correct before use:

- Structural deformation, cracks, excessive wear
- Loose or missing guards, fasteners, covers, stops or name plates
- Inoperable mechanisms including automatic hold or release devices
- Loose bolts or fasteners
- Cracked or worn gears, pulleys, sheaves, sprockets, bearings and chains
- Excessive wear of friction pads, linkage or other mechanical parts
- Excessive wear of hoist hooking points and load support clevises or pins

**Safe Operating Practices**

- Use only per ASME B30.20
- Check name plate to assure proper lifting capacity
- Lift a test load a sufficient distance to assure that the load is supported properly by the lifter and then inspect lifter for defects and deformation
- Instruct the operator in correct lifting practices including proper storage, load distribution, use of associated slings, temperature considerations, avoidance of obstructions, acceleration, side pulls and angle of lift. Read “Help” section, pages 3 through 12.
- Never lift over people and never ride the load
- For proper use of slings with lifting devices refer to ASME B30.9 and appropriate section of this catalog

**How to Order - The Easy Order System**

1. Photocopy appropriate drawing from the following pages
2. Fill-in your specific data
3. Fax to *Lift-All* at 717-898-1215.

**Phone 1-800-909-1964**

If we have questions, we will call you. Our engineering drawing will be faxed to you for approval and purchase order.

Prior to sling or lifting device selection and use, review and understand the “Help” section pages 3 through 12.
Required information:

Opening required for Overhead Hook:

A (Height) ________________________
B (Width) ________________________
C (Max.) ________________________
Capacity Required __________________
Spread __________________________
Headroom ________________________
D (Optional) ______________________

If adjustable beam required, list quantity and spread for any additional pairs of holes, pins and hooks.

_________________________________
_________________________________
_________________________________
_________________________________

Quotation Needed By: ________________
Date ________________

Date ________________ From ________________ Person Requesting Quote

User Company __________________________
User Contact - Name - Phone __________________________

Purchase Order No. ______________________

Signature __________________ Date ________________

NOTE: Custom Engineered Products Cannot Be Returned
### Required information:

#### S-Hook
- Material Diameter
- Rated Capacity
- Chain Size: A B C
- R (Radius)

#### J-Hook
- Style: Circle One A B C
- Tip: Flat-Tapered
- Rated Capacity
- Chain Size: A B C D E F
- R (Tip Radius)
- Special Instructions:
  - ________________________________________________
  - ________________________________________________

### Quotation Needed By:
- Quotation Date
- Date From
- Person Requesting Quote

### Lift-All Information
- Lift-All Dwg. No.
- Customer Dwg. No.
- User Company
- User Contact - Name - Phone
- Purchase Order No.
- Signature Date

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**NOTE:** Custom Engineered Products Cannot Be Returned
### STANDARD J-HOOKS

Alloy steel hooks, welded, heat treated, shot blast finish, proof tested and certified.

**Foundry Sorting Hooks**

Best for foundry and industrial general sorting operations.

**Standard**

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<th>Part No.</th>
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**Flat Tip Hooks**

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* Rated Capacity based on bearing to bearing pull. Tip load capacity averages 30% of bearing to bearing rating.
Lifting Beams & Custom Engineered Lifting Devices

Required information:

- Style Requested: [ ] Coil Lifter  [ ] Pallet Lifter
- Capacity: ____________________
- Minimum Coil I.D.: ________________
- Size of Overhead Hook (Cap.): _____
- A: ______________________________
- B: ______________________________
- C (Minimum): ____________________
- D (Minimum): ____________________
- E: ______________________________
- F (Optional): ____________________
- G: ______________________________
- H (Optional): ____________________
- R (Optional): ____________________
- Back Stop Pad: [ ] Yes  [ ] No

Special Instructions:

Quotation Needed By: _________________ Date

Date ___________ From ____________________ Person Requesting Quote

User Company: ____________________ User Contact - Name - Phone

Address: ______________________________

City: ___________ State: _____ Zip: _____

Phone: ( ) ___________ Fax: ( ) ___________

NOTE: Custom Engineered Products Cannot Be Returned