Custom Devices

BASIC INFORMATION

Lift-All Company can provide a unique engineered device for your production requirements. Our custom devices range from large capacity beams to small S-Hooks or J-Hooks.

Features and Benefits
- Specifically designed equipment for the ultimate in safety.
- 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.
- 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. Follow all warnings and care/use instructions supplied with the device. 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.
- Perform 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 of this catalog.
- 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
1. Review and understand the HELP section in this catalog.
2. Copy appropriate drawing from the following pages or download from our website www.lift-all.com under Products/Lifting Devices/Custom Lifting Devices.
3. Enter the information and fax to 717-898-1215, or scan and email to: customerservice@lift-all.com. For assistance call us at 800-909-1964.
4. Our engineering drawing will be sent to you for approval and purchase order.
### Required Information

**Opening required for Overhead Hook:**

- A (Height) _______________
- B (Width) _______________
- C (Max.) _______________
- Capacity Required _______________
- Spread _______________
- Headroom _______________
- D (Options) _______________

If load center of gravity is not centered between other pick points?

- Yes [ ]
- No [ ]

If no, specify location in reference to pick points (attach a diagram if necessary):

___________________________________________________________________________

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

___________________________________________________________________________

___________________________________________________________________________

___________________________________________________________________________

### Quotation Needed By:

Date _______________

From ____________________________________

Distributor ____________________________________

Address ____________________________________

City ___________________ State _________ Zip _______________

Phone ___________________ Email ___________________

### Drawing Number:

_____________________________

### Name and Phone Number:

_____________________________

### Purchase Order Number:

_____________________________

### Signature

_____________________________

Date _______________

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**NOTE:** Custom Engineered Products are Non-Returnable.
Lifting Devices

Custom Devices

Alloy S-Hook

Alloy J-Hook

Custom Engineered Products are Non-Returnable

Required Information

S-HOOK

Material Diameter ____________________
Rated Capacity ______________________
Chain Size: _________________________
A _______ B _______ C _______ D _______
R (Radius) _________________________

J-HOOK

Style: Circle One A B C
Tip: Flat-Tapered A B C
Rated Capacity ______________________
Chain Size: _________________________
A _______ B _______ C _______ D _______
E _______ F _______
R (Tip Radius) _______

Special Instructions: ________________________________________________________________

Quotation Needed By: ________________
Date __________________

From
Person Requesting Quote

Distributor ________________________________________________
Address _________________________________________________
City ___________________ State _________ Zip _____________

Phone __________________ Email _______________________

Signature __________________ Date ___________________

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Lifting Devices

STANDARD PALLET LIFTER

Required Information

Style Requested ____________________________
Capacity ________________________________
Minimum Coil I.D. __________________________
Maximum Coil O.D. __________________________
Maximum Coil Width __________________________
Size of Overhead Hook (Cap.) ______________

A ____________________________
B ____________________________
C (Minimum) ____________________________
D (Minimum) ____________________________
E ____________________________
F (Options) ____________________________
G ____________________________
H (Options) ____________________________
R (Options) ____________________________
Back Stop Pad  Yes  No

Special Instructions: ____________________________

Quotation Needed By: ____________________________  
Date ____________________________

Date ____________________________ From ____________________________
Person Requesting Quote ____________________________

Distributor ____________________________
Address ____________________________
City ____________________________ State ____________________________ Zip ____________________________

Phone ____________________________ Email ____________________________

Drawing Number: ____________________________

Name and Phone Number ____________________________

Purchase Order Number ____________________________

Signature ____________________________  Date ____________________________

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