

MINI GANTRY & JIBS

Ergonomic Work Cell Jib's are designed to handle 300, 600, 1,000 and 2,000 lb. capacity loads. Choose between portable and floor mounted styles. Floor mounted cantilever styles are designed for use with work tables or benches. Portable style offers full utilization in any workstation. Custom sizes available. Units ship knocked down.

* See cover for compliance ASME B30.17

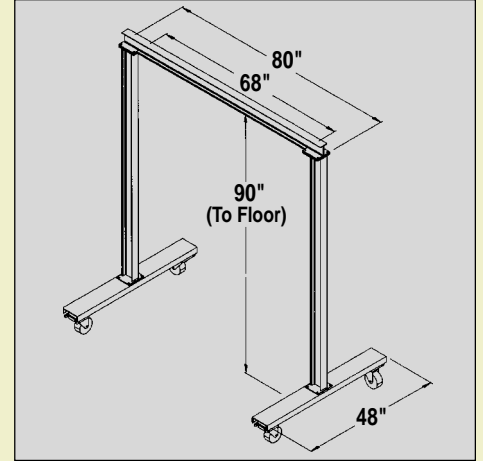
* Work-Area Portable Gantry *Series BFPG*



Custom Sizes and Hoist & Trolleys Available.

Maximize your material handling by implementing this fully portable steel gantry. Distribute materials from one workstation to another, or utilize in palletizing of products. 5" diameter casters facilitate easy moving of units with a load (V-groove wheels available).

- BFPG-3 300 lb. Capacity
- BFPG-6 600 lb. Capacity
- BFPG-10 1,000 lb. Capacity
- BFPG-20 2,000 lb. Capacity



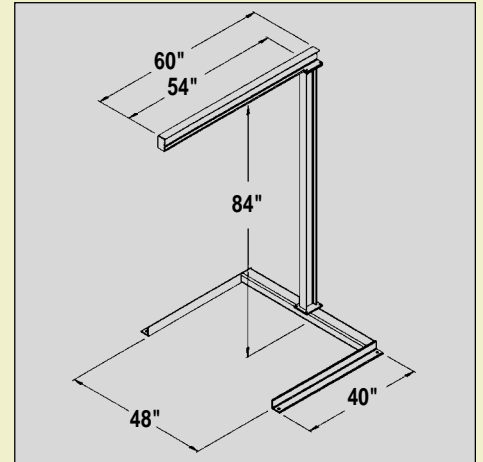
* Mini Overhead Cantilever Jib *Series BCJIB*



Custom Sizes and Hoist & Trolleys Available.

Utilize this cantilever jib for maneuvering objects over a work cell, or to help elevate materials for palletizing. Straddle arms are secured to the floor, providing stability for the cantilever.

- BCJIB-3 300 lb. Capacity
- BCJIB-6 600 lb. Capacity
- BCJIB-10 1,000 lb. Capacity
- BCJIB-20 2,000 lb. Capacity



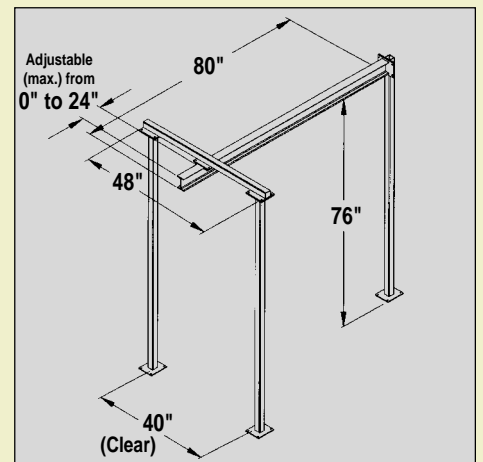
* Extra Travel Tri-Post Jib *Series BTJIB*



Custom Sizes and Hoist & Trolleys Available.

This jib adapts well to several applications. Side posts can straddle a work table and allow materials to be handled over a work area. The two legs can be mounted in front of a work table and overhead beam cantilevered over the work table.

- BTJIB-3 300 lb. Capacity
- BTJIB-6 600 lb. Capacity
- BTJIB-10 1,000 lb. Capacity
- BTJIB-20 2,000 lb. Capacity

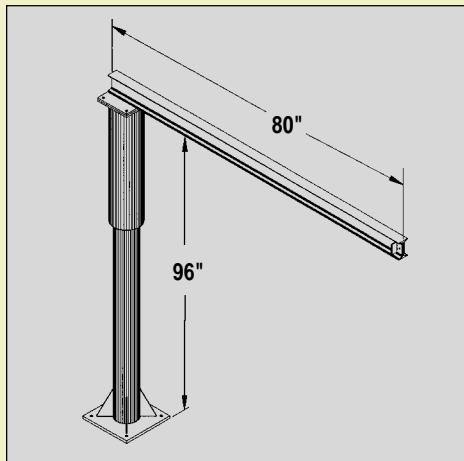


FLOOR & WALL JIBS

Ergonomic Work Cell Jib's are designed to handle loads up to 2,000 lb. Choose between wall and floor mounted styles. Wall mounted style offers 180° rotation. Floor mounted styles offer 360° rotation which will allow workers to fully utilize their work cell. Units ship knocked down. Consult factory for concrete installation instructions.

* See cover for compliance ASME B30.17

Series BJIB-FM Floor Mounted Jib*



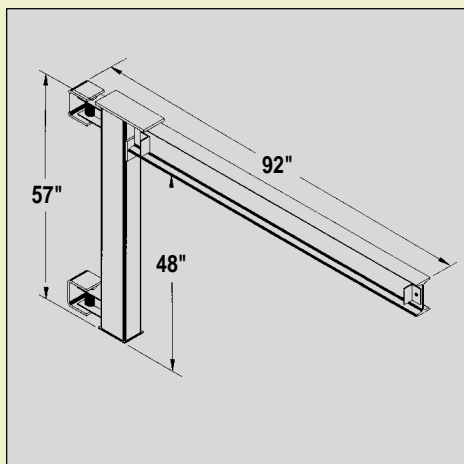
This floor mounted jib adapts well to several applications. Full 360° rotation allows personnel to completely utilize their workstation. Solid steel construction will assist workers in lifting awkward material.

BJIB-FM-3-80	.....	300 lb. Capacity
BJIB-FM-6-80	.....	600 lb. Capacity
BJIB-FM-10-80		1,000 lb. Capacity
BJIB-FM-20-80		2,000 lb. Capacity



Custom Sizes and Hoist & Trolleys Available.

Series BJIB-LC Low Clearance Mounted Wall Jib*



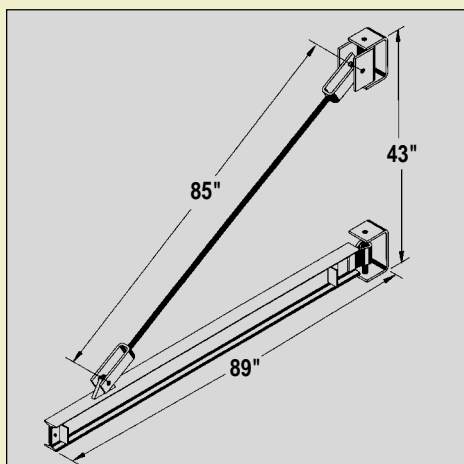
Designed to assist workers in the maneuvering of materials as well as achieving maximum headroom where low ceilings are of concern. This cantilever style mounts to true vertical wall members. Increase personnel productivity by lifting awkward material capacities.

BJIB-LC-3-80	.....	300 lb. Capacity
BJIB-LC-6-80	.....	600 lb. Capacity
BJIB-LC-10-80	.....	1,000 lb. Capacity
BJIB-LC-20-80	.....	2,000 lb. Capacity



Custom Sizes and Hoist & Trolleys Available.

Series BJIB-HC High Clearance Mounted Wall Jib*



Achieve maximum floor space and utilize wasted air space. Mount to walls or columns to increase hook coverage over workstations. Unit rotates 180°. All steel construction provides years of service.

BJIB-HC-3-80	.....	300 lb. Capacity
BJIB-HC-6-80	.....	600 lb. Capacity
BJIB-HC-10-80		1,000 lb. Capacity
BJIB-HC-20-80		2,000 lb. Capacity



Custom Sizes and Hoist & Trolleys Available.

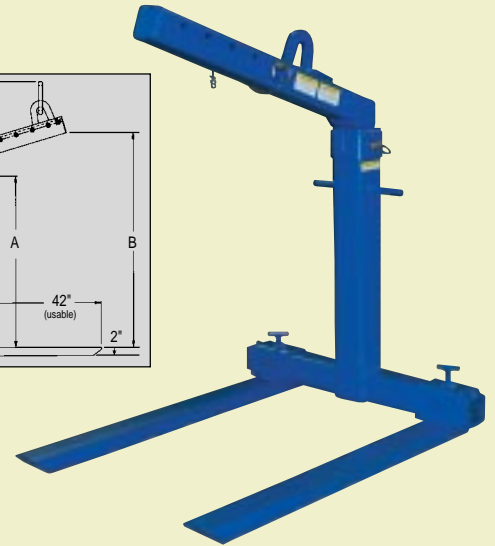
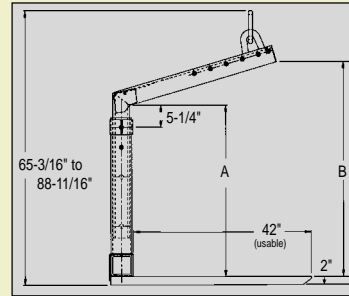
OVERHEAD & FLOOR LIFTERS

Easily convert a crane or hoist to an aerial-like fork truck. The Overhead Load Lifter and Pallet Lifter are designed to assist during construction work, ship loading, unpaved storage areas, open-top trucks and even barges.

* See cover for compliance ASME B30.17

* Overhead Load Lifter *Series BOLA & BOLF*

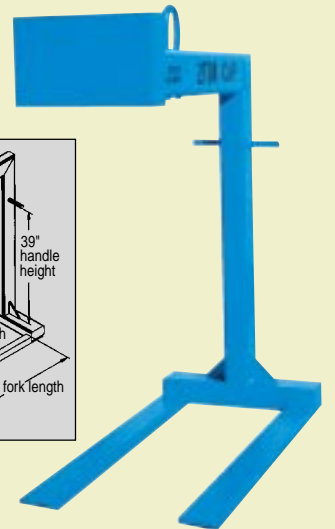
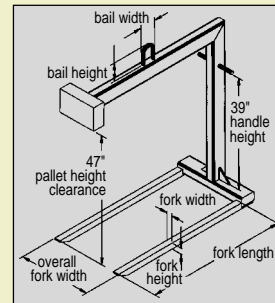
Here is an economical product that provides maximum versatility. The Overhead Load Lifter, when lifted by a hoist or crane, will lift loaded pallets weighing up to 4,000 lbs. Three position height adjustment allows for various height loads. An upper bail is adjustable to accommodate odd sized loads to keep them level. Series BOLA forks are adjustable from 17-1/2" to 36". Series BOLF have 27" wide fixed forks. Usable fork length is 42" on all units.



Model Number	Opening Height (DIMENSION A)	Usable Mast Ht. (DIMENSION B)	Capacity (Pounds)
ADJUSTABLE FORK WIDTH			
BOLA-2-42	40 ³ / ₄ " , 52 ¹ / ₂ " , 64 ¹ / ₂ "	51" , 62 ³ / ₄ " , 74 ⁻¹ / ₂ "	2,000
BOLA-4-42	40 ³ / ₄ " , 52 ¹ / ₂ " , 64 ¹ / ₂ "	51" , 62 ³ / ₄ " , 74 ⁻¹ / ₂ "	4,000
FIXED FORK WIDTH			
BOLF-2-42	40 ³ / ₄ " , 52 ¹ / ₂ " , 64 ¹ / ₂ "	51" , 62 ³ / ₄ " , 74 ⁻¹ / ₂ "	2,000
BOLF-4-42	40 ³ / ₄ " , 52 ¹ / ₂ " , 64 ¹ / ₂ "	51" , 62 ³ / ₄ " , 74 ⁻¹ / ₂ "	4,000

* Pallet Lifter *Series BHDP* ADJUSTABLE BAIL AVAILABLE

These solid steel constructed lifters contain tapered forks to allow easy access under pallets. Main support contains handles to allow personnel to position the unit. Large square head acts as a counterweight to keep the unit level without a load. Meets ASME B30.20 Standard 1993. 6,000 pounds capacity also available.



Model Number	Fork Length	Overall Fork Width	Fork Size (W x H)	Bail (W x H)	Capacity (Pounds)
BHDP-2-36	36"	25"	2" x 2"	3" x 5"	2,000
BHDP-2-42	42"	25"	2" x 2"	3" x 5"	2,000
BHDP-2-48	48"	25"	2" x 2"	3" x 5"	2,000
BHDP-4-36	36"	25"	3" x 2"	3" x 5"	4,000
BHDP-4-42	42"	25"	4" x 2"	3" x 5"	4,000
BHDP-4-48	48"	25"	4" x 2"	3" x 5"	4,000

A certificate is shipped out with every unit stating that it has been tested.

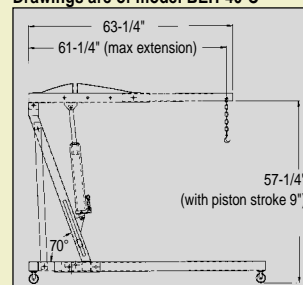
* Industrial Floor Lifter *Series BEH*

Minimize lifting and maximize portability and productivity with this rugged steel construction unit. Heavy duty steel construction allows unit to handle loads up to 4,000 lbs. Collapsible for storage purposes. 5" x 1-1/4" steel rollers and 3" x 1-1/4" polyurethane casters. Outriggers are 15" apart in back and 33-1/2" I.D. in front.

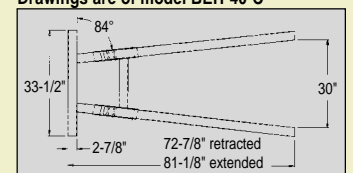


Model Number	Overall Size (W x L)	Collapsed Size (W x L x H)	Beam Height	Boom Length/ Lifting Capacity
BEH-15-C	43" x 65"	14" x 10" x 70"	24 ¹ / ₂ " - 79"	42" 500 lbs. 38" 1,000 lbs. 34" 1,500 lbs. 30" 2,000 lbs.
BEH-40-C	33 ¹ / ₂ " x 72 ⁷ / ₈ "	13" x 11" x 65"	48" to 67"	61 ¹ / ₄ " .. 1,000 lbs. 54" 2,000 lbs. 47" 3,000 lbs. 40" 4,000 lbs.

Drawings are of model BEH-40-C



Drawings are of model BEH-40-C

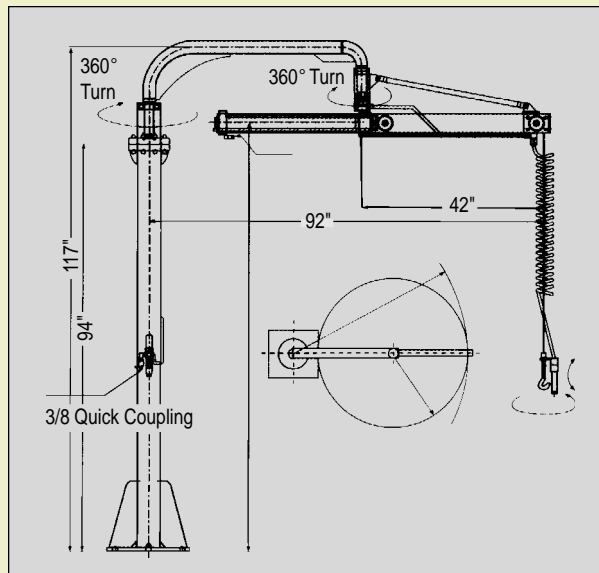


AIR BALANCER JIB & ATTACHMENTS

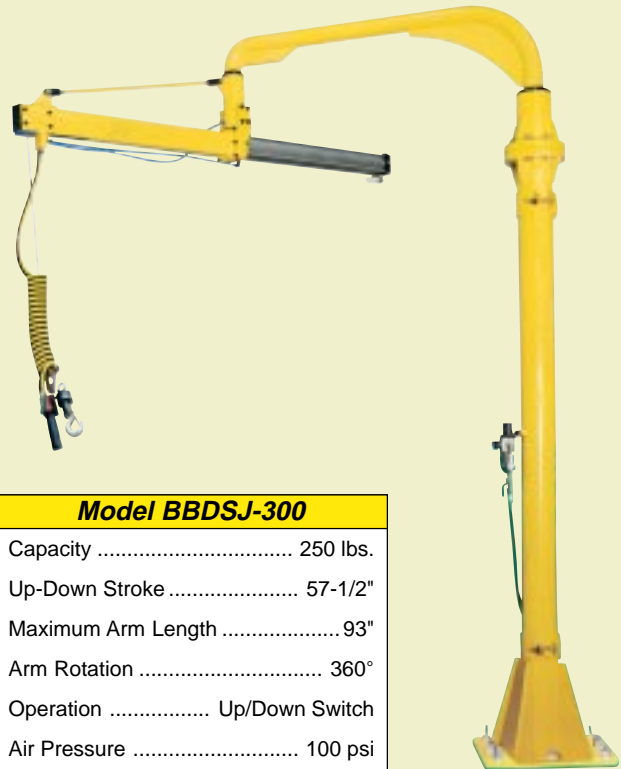
Designed for handling and assembling materials in three dimensional work space. Composed of modularized units so that the components can be reused when the layout is changed. These units do not require any electrical power. The operator feels no resistance in handling of heavy materials, and the productivity will be greatly enhanced.

* See cover for compliance ASME B30.17

The Air Balancer achieves high performance, excellent safety and low cost in handling of heavy materials. Designed to handle materials in a three dimensional work space. The push button hand control operates the pneumatic cylinder, raising and lowering the cable, in turn, positioning the load.



Series BDSJ-300 Air Balance Jib Lifter *



Model BBDSJ-300

Capacity	250 lbs.
Up-Down Stroke	57-1/2"
Maximum Arm Length	93"
Arm Rotation	360°
Operation	Up/Down Switch
Air Pressure	100 psi

Series BB Self Supporting Bridge Crane *

The system is composed of modularized units so that the components can be reused when the layout is changed. The systems does not require any electrical power. Capacities 500, 1000 & 2000 lbs.

Model Number	Runway Length (Feet)	Bridge Length (Feet)	Overall Height (Feet)
BB1020-(CAPACITY)	B20	10	14
BB1030-(CAPACITY)	30	10	14
BB1520-(CAPACITY)	20	15	14
BB1530-(CAPACITY)	30	15	14
BB2020-(CAPACITY)	20	20	14
BB2020-(CAPACITY)	30	20	14

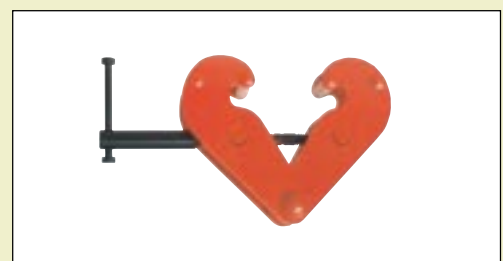


Reduce Flange Stress with Beam Clamps

Designed to reduce flange stress by distributing loads away from the I-beam flange edge. These versatile units can be interchanged from one gantry to another in a matter of seconds with its easy yet sturdy mechanical tiedown.

Model Number	Beam Flange Width	Capacity (Pounds)	Weight (Pounds)
BBC-2000	3" to 8-1/2"	2,000	15
BBC-4000	3" to 8-1/2"	4,000	17

Series BBC Beam Clamps *



HOISTS & TROLLIES

Equip your Gantry or Jib with a top quality Hoist & Trolley. Hoists hook up to 115V single phase. Custom sizes and speeds available. * See cover for compliance ASME B30.17

* Electric & Manual Hoists & Trolleys

Equip your Gantry or Jib with a top quality Electric or Manual Hoist with Trolley Combination. Available in capacities from 300 to 6,000 lbs. 115V single phase standard 460V 3 phase available upon request. Additional heights, speeds, capacities and chain containers available. Hoist and Trolleys may be sold individually or as a set. Other sizes available.

Electric Hoist with Trolley

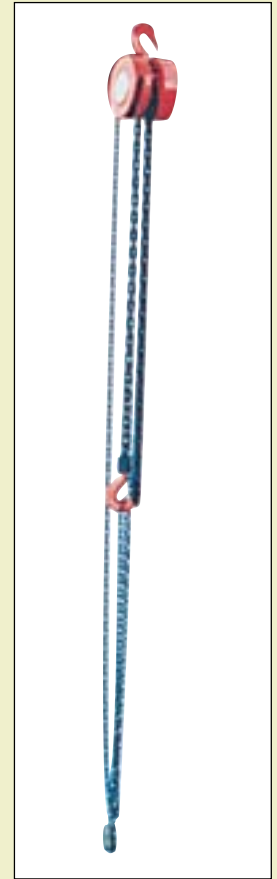
Model Number	Standard Lift (Feet)	Feet Per Minute	I-Beam to Hook	Capacity (Pounds)
BHW/T-3	10'	16	12-7/8"	300
BHW/T-6	10'	8	13-15/16"	600
BHW/T-10	10'	32	18-1/4"	1,000
BHW/T-20	10'	16	18-1/4"	2,000
BHW/T-40	10'	8	23-3/4"	4,000
BHW/T-60	10'	5-1/2	29-3/16"	6,000
BHW/T-010	10'	16	18-1/8"	1,000
BHW/T-020	10'	16	20-3/16"	2,000
BHW/T-040	10'	8	26-1/8"	4,000

Manual Hoist with Trolley

Model Number	Standard Lift (Feet)	I-Beam to Hook	Capacity (Pounds)
BMHW/T-10	18	13-3/16"	1,000
BMHW/T-20	8	14-5/8"	2,000
BMHW/T-40	8	20-1/8"	4,000
BMHW/T-60	8	24-1/2"	6,000



Electric Hoist & Trolley



Manual Hoist & Trolley

* Mini Cable Hoist *Series BMINI*

Lift lightweight loads weighing up to 400 lbs. with the Mini Cable Hoist. Available with cable lengths up to 36 feet. Push button control utilizes 110V source.

Model Number	Cable Length (Feet)	Foot per Minute	Capacity (Pounds)	Weight (Pounds)
BMINI-2	36'	30'	200	30
BMINI-4	36'	30'	400	40



* Manual Trolleys *Series BMT*

Adjust to different beam widths from 2-1/2" to 5-1/2" with Manual Trolleys. Can be used on straight or curved tracks. Heavy duty design with capacities up to 4,000 lbs.

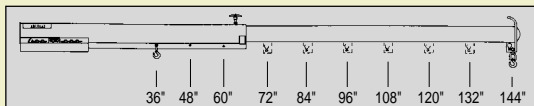
Model Number	Beam Flange Width	Capacity (Pounds)	Weight (Pounds)
BMT-1000	2-1/2" - 5-1/2"	1,000	20
BMT-2000	2-1/2" - 5-1/2"	2,000	31
BMT-4000	3" - 5-1/2"	4,000	50



LIFT MASTER BOOMS

Unique performance, convenience and safety features are built into every Lift Master Boom. Fabricated from structural steel with welding to meet A.W.S. creates a rugged and durable boom that will provide long-term service. A 36" safety chain secures the boom to the fork truck for safe operation. Each unit includes two lifting hooks.

Series BLM-EBT Econo Boom

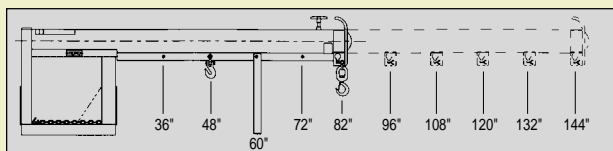


The Econo Boom telescopes from 80" to 144" extended. The telescopic section of the boom is secured in place with an infinitely adjustable locking screw. Fork pockets measure 7-1/2"W x 2-1/2"H on 24" centers. Overall size is 32"W x 11"H. Non-telescopic style also available.

Model	144"	132"	120"	108"	96"	84"	72"	60"	48"	36"
BLM-EBT	1750	2000	2250	2500	2750	3000	3250	3500	3750	4000
BLM-EBT-6	1800	2000	2300	2600	3000	3500	4000	4500	5000	6000

Maximum Single Hook Boom Capacities* (lbs.)

Series BLM-1T Lift Master Boom

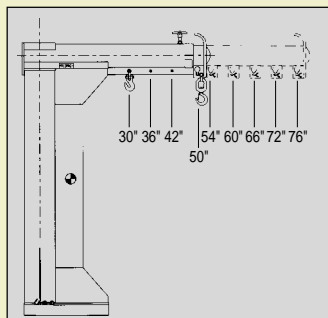


Precision engineering features enable lifting of 4,000 lbs. Features self storing design, adjustable locking screws, welded handle, safety chain and boom travel limiting bar. Built in rise of 24" for extra lift height. Fork pockets measure 7-1/2"W x 2-1/2"H on 24" centers. Non-telescopic style also available.

Model	144"	132"	120"	108"	96"	82"	72"	60"	48"	36"
BLM-1T	1,750	2,000	2,250	2,500	2,750	3,000	3,250	3,500	3,750	4,000
BLM-1T-6	1,800	2,000	2,300	2,600	3,000	3,500	4,000	4,500	5,000	6,000

Maximum Single Hook Boom Capacities* (lbs.)

Series BLM-HRT High Riser Boom

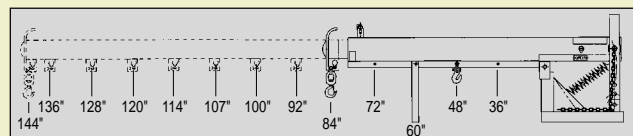


The High Riser Boom adds five feet of lifting height to any fork truck. The telescopic section of the boom is adjustable from 54" retracted to 78" extended. The overall height of the boom is 70" and the overall width is 32". The fork openings are 7-1/2" wide x 2-1/2" high on 24" centers. Available in a non-telescopic style.

Model	76"	72"	66"	60"	54"	50"	42"	36"	30"
BLM-HRT	1,059	1,161	1,288	1,440	1,838	1,919	2,400	3,000	4,000
BLM-HRT-6	1,588	1,742	1,929	2,160	2,455	3,000	3,800	4,500	6,000

Maximum Single Hook Boom Capacities* (lbs.)

Series BLM-OBT Orbiting Boom



The Orbit Boom has a convenient counterbalance system and drop lock pin which provides a quick and easy one-man operation and adjustment. This unit provides a horizontal reach to 12 feet. Six vertical adjustment positions add between 2-1/2 and 8-1/2 feet of working height. The telescopic section secured in place with drop lock pin. Available in non-telescopic design.

Model	144"	136"	128"	120"	114"	107"	100"	92"	84"	72"	60"	48"	36"
BLM-OBT	1,750	1,850	1,950	2,000	2,200	2,250	2,500	2,750	3,000	3,250	3,500	3,750	4,000
BLM-OBT-6	1,800	2,000	2,130	2,280	2,400	2,665	2,800	3,100	3,500	4,000	4,500	5,000	6,000

Maximum Single Hook Boom Capacities* (lbs.)

SLINGS, LIFTERS & TOOL BALANCERS

* Polyester Lifting Slings - DOUBLE PLY *Series BSL*

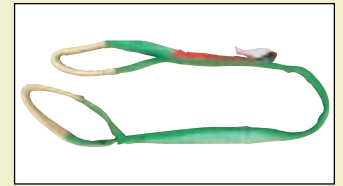
TEMPERATURE RATED UP TO 194° F

For medium to heavy-duty lifting, these double-ply lifting slings are the practical, economical answer to many lifting problems. **Type I** style, with metal ends, has a steel ring on one end and a choker fitting on the other end and can be used in a choker, basket or vertical hitch application. **Type III** style, with fabric ends, have flat tapered eyes at both ends and can be used for all hitch types. These slings meet DIN-EN 1492-1, ANSI standard B30.9 and OSHA requirements.

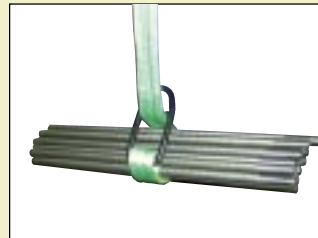
Model Number	Straight Lift Capacity	Sling Width (Inches)	Color Code	Length of Slings in Feet (specify at time of order)
METAL ENDS (Type I)				
BSL-2-M-(length)	2,000 lbs.	1	Purple	4, 6, 8 or 10
BSL-4-M-(length)	4,000 lbs.	2	Green	4, 6, 8 or 10
BSL-6-M-(length)	6,000 lbs.	3	Yellow	4, 6, 8 or 10
REINFORCED FABRIC LOOP ENDS (Type III)				
BSL-2-F-(length)	2,000 lbs.	1	Purple	4, 6, 8 or 10
BSL-2-F-(length)	4,000 lbs.	2	Green	4, 6, 8 or 10
BSL-2-F-(length)	6,000 lbs.	3	Yellow	4, 6, 8 or 10



Metal Ends



Reinforced Fabric Loop Ends



Choker Style Lift
(20% Reduction of Capacity)



Basket Style Lift
(Double Capacity)

* Magnetic Lifter *Series BML*

Pick up sheets of metal by use of overhead crane or chain with the permanent Magnetic Lifter. Magnet is activated or deactivated by simply rotating the lever. Units are lightweight, so transporting from workarea to workarea is convenient.

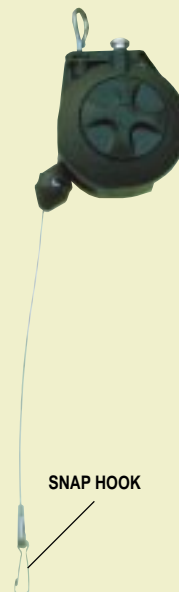
Model Number	Overall Size (W x L x H)	Base Plate (W x L)	Capacity (Pounds)
BML-2	2-3/8" x 5" x 6-1/2"	2-3/8" x 3-3/4"	200
BML-6	3-5/8" x 8" x 7"	3-5/8" x 6-3/8"	600
BML-12	4-3/4" x 11" x 10-3/4"	4-3/4" x 8-3/4"	1200



* Tool Balancers *Series BTBR*

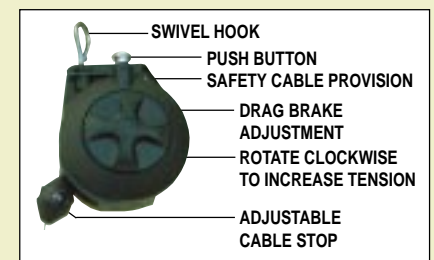
Tool Balancers are the economical choice for balancing tools. The molded housing has a smooth exterior with rounded edges designed for maximum ergonomic appeal. Hand-windable spring tension adjustment knob is flush with the housing. Push-button tension release simplifies decrease of tension. Adjustment screw adds drag to spool for fine tuning of tension. Rugged steel upper swivel hook. Oversized cable opening with direct in-line pull to reduce cable wear. Adjustable cable stop and lower safety hook.

Model Number	Cable Length (Feet)	Minimum Load (Pounds)	Maximum Load (Pounds)
BTBR -1	6'	1	3
BTBR -3	6'	1-1/2	3
BTBR -5	6'	3	5
BTBR -10	6'	5	10



SNAP HOOK

- **DESIGNED FOR MAXIMUM ERGONOMIC APPEAL**
- **RELIABLE**
- **ECONOMICAL**



- SWIVEL HOOK
- PUSH BUTTON
- SAFETY CABLE PROVISION
- DRAG BRAKE ADJUSTMENT
- ROTATE CLOCKWISE TO INCREASE TENSION
- ADJUSTABLE CABLE STOP

Beacon Industries, Inc.

12300 Old Tesson Rd.
St. Louis, MO 63128-2247 USA
Phone: (314) 487-7600 Fax: (314) 487-0100
www.beacontechnology.com
E-Mail: sales@beacontechnology.com