

BTHGEAR

BELOW THE HOOK GEAR

www.bthgear.com 832-581-2742



Products and Solutions

For the Lifting Industry

Below the Hook Rigging

www.bthgear.com

Servicing the material handling, lifting, mooring and securement industries

BTH GEAR 8235 LOCKHEED AVE. HOUSTON, TX. 77061-4010 OFFICE: 832-581-2742



General

PRODUCTS AND SOLUTIONS



Services

- Design, Engineering and Fabrication
- Full Welding Services
- Testing and re-certifications
 - Proof Testing
 - NDE/NDT
- Inspections
- Machining
- Custom Fabrication



Cranes & Lifting Equipment

- Jib Crane
- Gantry Crane
- Turner
- Upender
- Crane Mats
- Pipe Stands
- Load Rated Crane Mats
- Mono Rails
- Load Rated Support Beams
- Load Rated Stands and Cans



Slings

- Synthetic Round Slings
- High Performance Round Slings
- High Performance Ropes
- Chain Slings
- Wire Rope Slings



Lifting Beams

- Standard
- Adjustable
- Channel
- Adjustable Channel
- Plate
- Triangle Plate
- H Bar
- T Bar
- X Bar



Load Testing

- Testing and Gripping
- Padeye Test Machine
- E4 Load Cells & Calibrations
- Software
- Indicators
- MYERS DESIGN & MFG
- Proof Testing Machines
- Portable Pad Eye Testers
- Ground anchor testing units
- Load Cells for the Lab and the Field
- Custom Load Cells
- Sales & Rentals from 1000 lbs. to 12,000,000 lbs



Material Handling

- Coil Lifter
- Pallet Lifter
- Bulk Bag Lifter
- Forklift Booms
- Forklift Extensions



Spreader Beams

- Standard
- Collector/Spreader Ring
- Adjustable Swiveling Lug
- End Cap System
- Sliding Lug
- Telescoping Lug
- Modular



Baskets & Storage

- Personnel Baskets
- Skip Pan
- Material
- Stationary and Portable Rigging Storage



Rigging Hardware

- Equalizing Blocks
- Pad Eyes / Lugs
- Clevis and Couplings
- D-rings
- Swivel Hoist Rings
- Shackles
- Links
- Hooks
- Tag Lines
- Chafe Guards



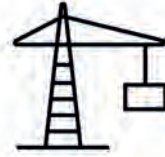
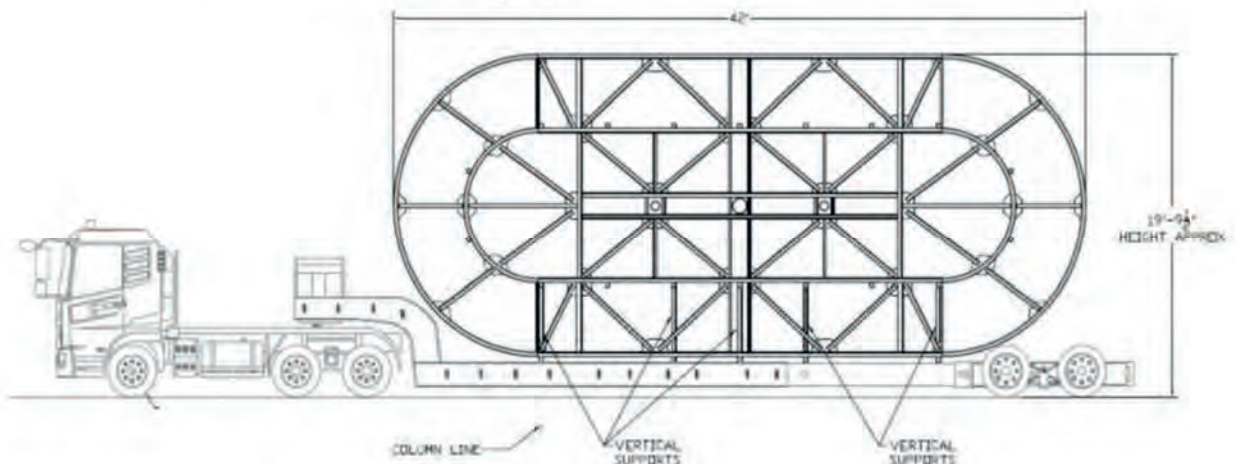
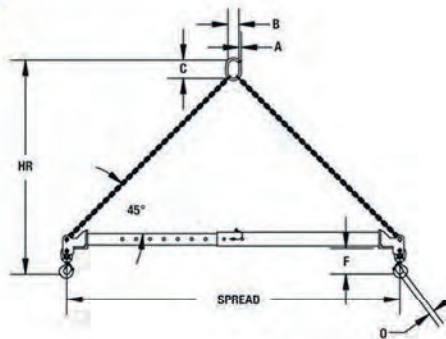
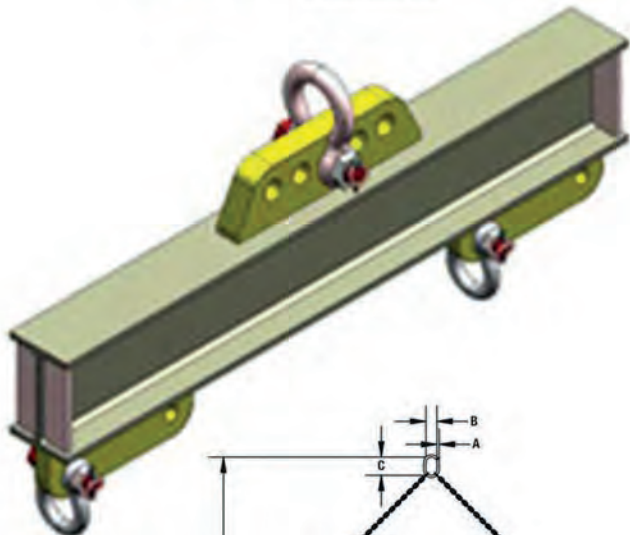
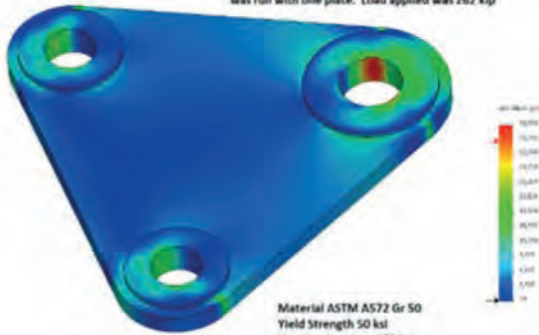
Concrete Handling

- Pipe Carrier
- Low Profile Pipe Carrier
- Pipe Picker
- C-Hook Pipe Lifter
- Housing Lifter

GENERAL SERVICES

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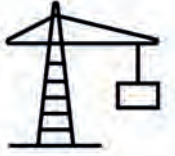
Tri Plate Load is based on 1/2 total load of 262 tons
2 Plates are used in conjunction, therefore the FEA
was run with one plate. Load applied was 262 kip



Design & Engineering

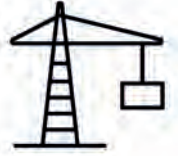
- Licensed Engineer
- Mechanical system design and structural analysis
- Below the hook lifting equipment design
- Rigging engineering and lift planning
- Bearing experience for crane installations
- Lifting gear and crane inspections
- Load testing and training
- FAA part 107 drone operations
- Aerial inspection and mapping utilizing Matrice 210, inspire 2 and Phantom 4 pro
- ASME B30.32 subcommittee member, "UAS" used in the inspecting, testing, maintenance and load handling operations"
- Software working knowledge Solidworks 2019, Solidworks FEA simulation, Inventor 2019, Mathcad 15, Autocad and Microsoft Office products

GENERAL SERVICES



Manufacturing

- Lifting products engineered and manufactured per ASME BTH-1
- Lifting products are labeled, tested, and documented per ASME B30.20 and OSHA
- Structural products manufactured per AISC
- API manufacturing available
- Welding per AWS D1.1 and D14.1



Testing & Inspection Services

- Safety and Performance Inspections
- Proof Testing
- In-house NDT Testing



Quality System

- Review of customer design requirements to ensure the best solution and equipment is provided
- Drawings provided for customer approval and records
- DNV and ISO compliant record keeping
- In-process Inspections and Hold points ensure material specifications, dimensional requirements, process, and testing requirements are met
- Proof Testing performed in accordance with industry standards
- Data Packages provided for all equipment include final drawings, MTR's, test reports and certifications where applicable
- Certificates and documents available online
- Certified welders and welding equipment

GENERAL

SAFETY RECOMMENDATIONS



Safety Guidelines

- Contact the proper personnel for use of a lifting device
- Contact the lifting device mfg. or other qualified persons for any operational concerns
- Inspect the lifting device prior to every use
- Confirm any attached rigging is correct for the lifting device.
- Never exceed:
 - RC-Rated Capacity
 - WLL- Working Load Limit,
 - SWL- Safe Working Load of the lifting device
- Never cut, weld, or modify any lifting device
- Be aware of pinch points during handling
- Ensure operator is properly trained in operating the lifting device
- Understand the manufacturer's instructions and warnings
- Stay clear of all lifted loads
- Never stand or travel below a lifted load
- Remove lifting device immediately from service if the metal tag is damaged, ineligible, or missing
- The load rating is not known
- The lifting device has been overloaded, damaged, or modified

Equipment Data													
Manufacture: <u>BTH GEAR</u>	Location: <u>Houston, Texas</u>												
Date of Manufacture: _____	Country: <u>United States</u>												
Serial Number: _____	Device Weight: _____ Load Rating: _____												
ASME BTH-1 Design Category ☐ Category A - Design Factor of 2:1 ☐ Category B - Design Factor of 3:1 ☐ Category C - Design Factor of 6:1	ASME BTH-1 Service Class <table border="1"> <thead> <tr> <th>Class</th> <th>Load Cycles</th> </tr> </thead> <tbody> <tr> <td>☐ 0</td> <td>0-20,000</td> </tr> <tr> <td>☐ 1</td> <td>20,001 - 100,000</td> </tr> <tr> <td>☐ 2</td> <td>100,001 - 500,000</td> </tr> <tr> <td>☐ 3</td> <td>500,001 - 2,000,000</td> </tr> <tr> <td>☐ 4</td> <td>Over 2,000,000</td> </tr> </tbody> </table>	Class	Load Cycles	☐ 0	0-20,000	☐ 1	20,001 - 100,000	☐ 2	100,001 - 500,000	☐ 3	500,001 - 2,000,000	☐ 4	Over 2,000,000
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☐ 3	500,001 - 2,000,000												
☐ 4	Over 2,000,000												
Installation: <i>All lifting equipment shall be assembled and installed in accordance with the manufacture's instructions.</i>													



Safety Tags

- Per ASME all bellow the hook lifting gear must be in compliance for use. Remove from service if the device:
 - Does not have a tag with the "tag requirements" clearly visible
 - The device has been overloaded
 - The device has been modified

WARNING & SAFETY INSTRUCTIONS

- CONTACT THE PROPER PERSONNEL FOR THE USE OF THIS DEVICE
- NEVER EXCEED THE "WLL" WORKING LOAD LIMIT OF THIS DEVICE
- CONFIRM PROPER SAFETY PROTOCOLS / GEAR IS IN PLACE
- CONFIRM ATTACHED RIGGING IS ADEQUATE FOR THIS DEVICE
- INSPECT THIS DEVICE VISUALLY BEFORE EVERY USE
- CONTACT PROPER PERSONNEL WITH OPERATIONAL CONCERNS
- NEVER CUT, MODIFY, OR WELD, THIS DEVICE

IMPROPER USE OF THIS DEVICE COULD RESULT IN INJURY

Questions or concerns contact 281-728-7321 or info@myersdnm.com MDWSI2018

GENERAL

SAFETY RECOMMENDATIONS



OSHA Requirements

Riggers must be:

- Trained to understand and recognize the hazards associated with the assigned task.
- Qualified to do assigned work and comply with proper procedures.
- Aware of the surface conditions upon which a crane is operating.
 - The surface should be level within 1% grade and firm enough to support the crane and load.
- Examine where the load will be set. Remove unnecessary blocks, equipment or other materials that can injure workers if struck by the load.
- Familiar with the various and correct rigging techniques and rigging equipment (e.g., slings, shackles, hooks, hoist, blocks).
- Able to anticipate problems before they occur.
 - Stop the job when any potentially unsafe conditions are present.
- Aware of the weight of the load and understand the rated capacities of the crane and any rigging gear (1915.111(b)).

Slings or Ropes:

- Slings must not be used over sharp corners without padding (1915.116(f)).
- Slings must not be covered with permanent padding that would prevent them from being inspected before each use.
- Use softeners, padding, chaffing gear or other sling protection as necessary to prevent damage to nylon slings.
- Kinked or knotted wire rope slings should be removed from service (1915.111). Wire rope shall not be secured by knots (1915.112(b)(4)).

Lifting:

- Avoid lifts near stacked material that may be knocked over by a swinging load (1915.116(k)).
- Always check for overhead power lines before lifting a load.
- Before loads or empty lifting gear are raised, lowered, or swung, advance warning must be given to workers operating in the vicinity (1915.116(p)).
- Use a designated spotter to assure that proper clearances are maintained.
- A worker or signalman who is familiar with signal codes must communicate with the crane operator (1915.116(l)).
- When walking with a load, keep it as close to the ground as possible.
 - Inspect the spot where the load is to be landed.
 - When lowering or setting a load, set it down slowly.
- Tag lines must be provided on loads likely to swing or need guidance (1915.116(d)).
 - Do not use tag lines to control lift when the lift is under or near electrical power lines.
- Riggers must not place themselves in a hazardous position between a swinging load and a fixed object (1915.116(q)).
- Workers are not to work under the load.
- Workers must not ride a load or hook (1915.116(i)).
- Riggers should keep fingers, hands and feet away from pinch points.

Equipment:

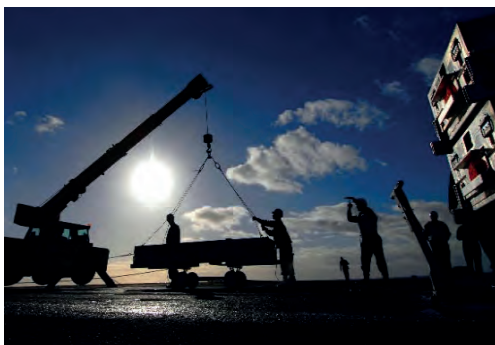
- All rigging gear and equipment provided by the employer must be inspected before each shift and at intervals during its use to minimize the possibility of a rigging failure (1915.111(a)).
- Overloading the crane and rigging gear may cause:
 - The crane hoist line to part or the rigging gear to fail.
 - The crane to tip over.
 - Damage to and possible failure of the crane.
- Defective gear and equipment must be immediately removed from service (1915.111(a)).
 - Check nylon slings for cuts or frayed areas.
 - Manila rope slings should be checked to determine that they are safe for the intended working loads (1915.112(a)(1)).
 - Check wire rope slings for kinks or broken wires or strands.
 - Check chain slings for stretched links (1915.112(c)(2)).
 - Check hooks to make sure they are not bent from overloading.
 - Check that the crane hook safety latch automatically retracts to the closed position upon release.
 - Bent or sprung hooks must not be used (1915.113(b)(3)).
 - See <http://www.osha.gov/dsg/guidance/slings/nat-synth-fiber.html>

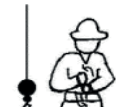
Pad Eyes:

- Pad eyes should be designed for a specific use.
- Each pad eye should be able to hold the intended weight/force that will be applied to it after it is welded into place.
- Inspect pad eyes for cracks and other defects that will affect its capacity.
- Remove defective pad eyes from the work area.
- All pad eyes should be welded solidly all around. Weld the middle of the pad eye on both sides first, then weld both ends.
- Inspect fitting tools and equipment such as come-alongs, chain falls, turnbuckles, chains and hook ratchets that will be used with pad eyes.
- Make sure that the hooks from the come-alongs and chain falls are seated properly in the eye of the pad eye.
- Do not overstress the fitting tools – use up to 80% of their capacity.
- When applying pressure with fitting tools or equipment to pad eyes, make sure that everyone is well out of the danger zone in the event that the pad eye tears off the surface it was welded to.

GENERAL

HAND SIGNALS FOR CRANE OPERATION



 STOP – With arm extended horizontally to the side, palm down, arm is swung back and forth.	 EMERGENCY STOP – With both arms extended horizontally to the side, palms down, arms are swung back and forth.	 HOIST – With upper arm extended to the side, forearm and index finger pointing straight up, hand and finger make small circles.
 RAISE BOOM – With arm extended horizontally to the side, thumb points up with other fingers closed.	 SWING – With arm extended horizontally, index finger points in direction that boom is to swing.	 RETRACT TELESCOPING BOOM – With hands to the front at waist level, thumbs point at each other with other fingers closed.
 RAISE THE BOOM AND LOWER THE LOAD – With arm extended horizontally to the side and thumb pointing up, fingers open and close while load movement is desired.	 DOG EVERYTHING – Hands held together at waist level.	 LOWER – With arm and index finger pointing down, hand and finger make small circles.
 LOWER BOOM – With arm extended horizontally to the side, thumb points down with other fingers closed.	 EXTEND TELESCOPING BOOM – With hands to the front at waist level, thumbs point outward with other fingers closed.	 TRAVEL/TOWER TRAVEL – With all fingers pointing up, arm is extended horizontally out and back to make a pushing motion in the direction of travel.
 LOWER THE BOOM AND RAISE THE LOAD – With arm extended horizontally to the side and thumb pointing down, fingers open and close while load movement is desired.	 MOVE SLOWLY – A hand is placed in front of the hand that is giving the action signal.	 USE AUXILIARY HOIST (whipline) – With arm bent at elbow and forearm vertical, elbow is tapped with other hand. Then regular signal is used to indicate desired action.
 CRAWLER CRANE TRAVEL, BOTH TRACKS – Rotate fists around each other in front of body; direction of rotation away from body indicates travel forward; rotation towards body indicates travel backward.	 USE MAIN HOIST – A hand taps on top of the head. Then regular signal is given to indicate desired action.	 CRAWLER CRANE TRAVEL, ONE TRACK – Indicate track to be locked by raising fist on that side. Rotate other fist in front of body in direction that other track is to travel.
 TROLLEY TRAVEL – With palm up, fingers closed and thumb pointing in direction of motion, hand is jerked horizontally in direction trolley is to travel.		

GENERAL

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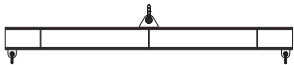
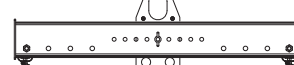
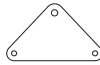
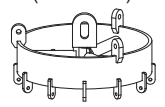
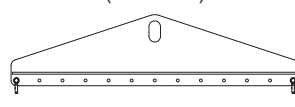
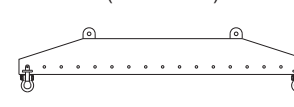
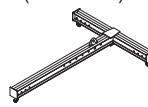
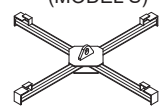
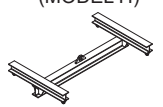
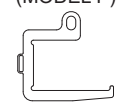
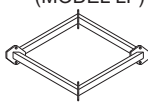
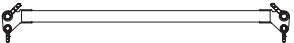
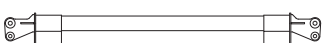
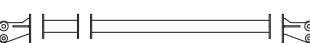
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Below the Hook Rigging

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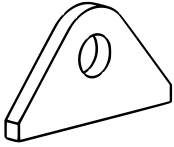


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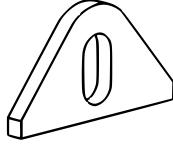
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• MATERIAL HANDLING EQUIPMENT • SLINGS • ENGINEERING SERVICES • TESTING & INSPECTION SERVICES •

APPENDIX A

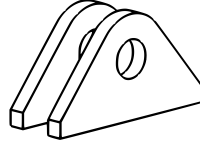
CONNECTION OPTIONS



OPTION A
Shackle



OPTION B
Bale



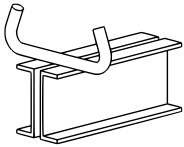
OPTION C
Clevis



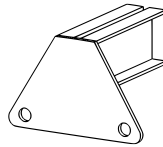
OPTION D
Swivel Hook



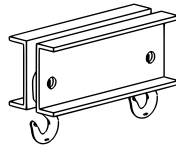
OPTION E
Non-Swivel Hook



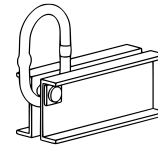
OPTION F
Twin Horns



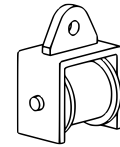
OPTION G
Twin Lug



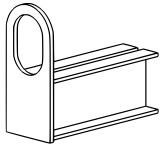
OPTION H
Multiple Hooks



OPTION I
High Link



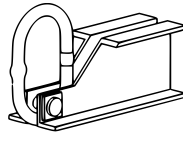
OPTION J
Roller



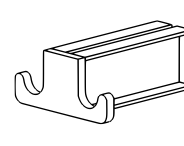
OPTION K
Twin Bale



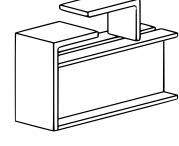
OPTION L
Extended Hook



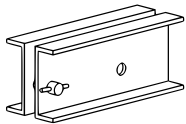
OPTION M
Low Link



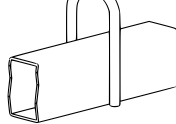
OPTION N
Twin Hook



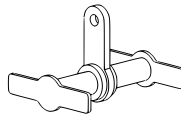
OPTION O
Bag Lock



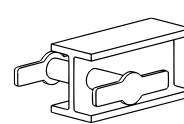
OPTION P
Pins



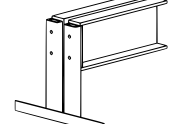
OPTION Q
Hoop



OPTION R
Trunnion Link



OPTION S
Trunnion Beam



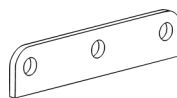
OPTION T
Foot/Stand



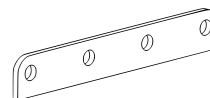
***OPTION X1**
1 Hole Shackle



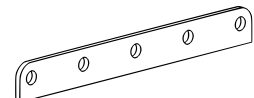
***OPTION X2**
2 Hole Shackle



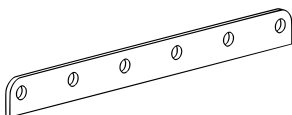
***OPTION X3**
3 Hole Shackle



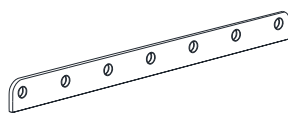
***OPTION X4**
4 Hole Shackle



***OPTION X5**
5 Hole Shackle



***OPTION X6**
6 Hole Shackle



***OPTION X7**
7 Hole Shackle



***OPTION X8**
Full Length Shackle



***OPTION X9**
Custom Shackle

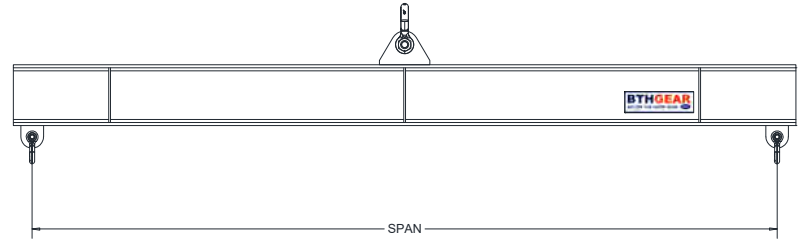
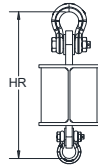
*Denotes use for both Top and Bottom connections

For Additional Information And Order Assistance

Contact Our Sales Team @ 832-581-2743

LIFTING BEAMS

STANDARD LIFTING BEAM (MODEL A)



To Order:

1. Select **Model Number** from table below.
2. Select top connection style using **Connection Options**—see Appendix A
3. Select bottom connection style using **Connection Options**—see Appendix A

Example:

Model x123AB

A=top connection style

B=bottom connection style

Note:

Standard load rated top and bottom connections will be supplied unless otherwise specified.

For connection options, see Appendix A

Custom options available upon request

MODEL NUMBER	CAP (tons)	MAX. SPAN (ft.)	MIN. SPAN (ft.)	BAIL SPAN (in.)	HR (in.)	WT (lbs.)
A123xxx	0.25	4'	1'	16"	7"	40
A223xxx	0.5	4'	1'	16"	7"	40
A323xxx	0.5	6'	3'	24"	10"	100
A423xxx	0.5	8'	4'	32"	10"	135
A523xxx	0.5	10'	5'	40"	10"	145
A623xxx	1	6'	3'	24"	10"	100
A723xxx	1	8'	4'	32"	11"	140
A823xxx	1	10'	5'	40"	11"	175
A923xxx	2	6'	3'	24"	13"	130
A133xxx	2	8'	4'	32"	14"	200
A233xxx	2	10'	5'	40"	15"	280
A333xxx	4	8'	4'	32"	17"	290
A433xxx	4	10'	5'	40"	19"	420
A533xxx	4	12'	6'	48"	19"	500
A633xxx	5	8'	4'	32"	19"	320
A733xxx	5	10'	5'	40"	20"	470
A833xxx	5	12'	6'	48"	20"	550
A933xxx	7	8'	4'	32"	24"	410
A143xxx	7	10'	5'	40"	24"	630
A243xxx	7	12'	6'	48"	24"	790
A343xxx	10	8'	4'	32"	27"	540
A443xxx	10	10'	5'	40"	27"	850
A543xxx	10	12'	6'	48"	27"	1545

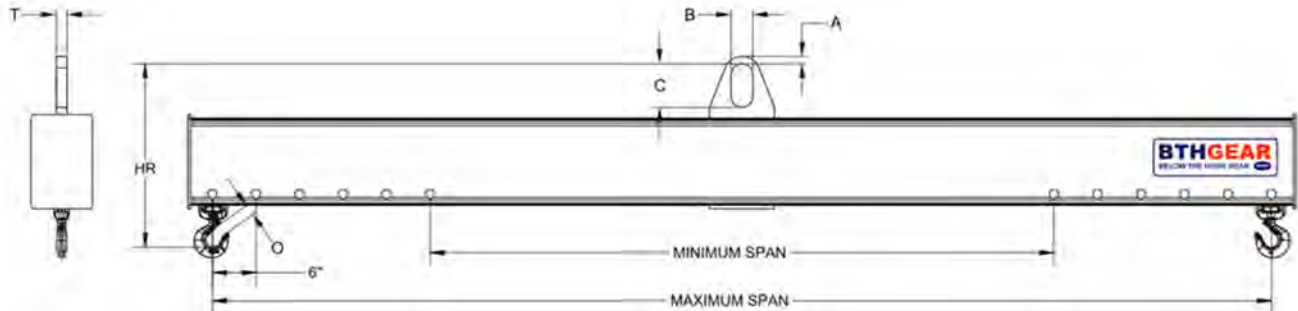
LIFTING BEAMS

STANDARD LIFTING BEAM (MODEL A)

MODEL NUMBER	CAP (tons)	MAX. SPAN (ft.)	MIN. SPAN (ft.)	BAIL SPAN (in.)	HR (in.)	WT (lbs.)
A643xxx	15	8'	4'	32"	37"	760
A743xxx	15	10'	5'	40"	37"	1230
A843xxx	15	12'	6'	48"	37"	2225
A943xxx	20	8'	4'	32"	46"	980
A153xxx	20	10'	5'	40"	46"	1600
A253xxx	20	12'	6'	48"	46"	2890
A353xxx	25	8'	4'	32"	55"	1200
A453xxx	25	10'	5'	40"	55"	1970
A553xxx	25	12'	6'	48"	55"	3555
A653xxx	30	8'	4'	32"	64"	1420
A753xxx	30	10'	5'	40"	64"	2340
A853xxx	30	12'	6'	48"	64"	4220
A953xxx	35	8'	4'	32"	74"	1640
A163xxx	35	10'	5'	40"	74"	2710
A263xxx	35	12'	6'	48"	74"	4885
A363xxx	40	8'	4'	32"	83"	1850
A463xxx	40	10'	5'	40"	83"	3080
A563xxx	40	12'	6'	48"	83"	5545
A663xxx	45	8'	4'	32"	92"	2070
A763xxx	45	10'	5'	40"	92"	3450
A863xxx	45	12'	6'	48"	92"	6210
A963xxx	50	8'	4'	32"	102"	2290
A173xxx	50	10'	5'	40"	102"	3820
A273xxx	50	12'	6'	48"	102"	6875
A373xxx	55	8'	4'	32"	111"	2510
A473xxx	55	10'	5'	40"	111"	4190
A573xxx	55	12'	6'	48"	111"	7540
A673xxx	60	8'	4'	32"	120"	2730
A773xxx	60	10'	5'	40"	120"	4560
A873xxx	60	12'	6'	48"	120"	8205

LIFTING BEAMS

CHANNEL LIFTING BEAM (MODEL C)



To Order:

1. Select **Model Number** from table below.
2. Select top connection style using **Connection Options**—see Appendix A
3. Select bottom connection style using **Connection Options**—see Appendix A

Example:

Model x123AB

A=top connection style

B=bottom connection style

Note:

Standard load rated top and bottom connections will be supplied unless otherwise specified.

For connection options, see Appendix A

Custom options available upon request

MODEL NUMBER	CAP (tons)	SPAN (ft.)	A (in.)	B (in.)	C (in.)	T (in.)	O (in.)	HR (in.)	WT (lbs.)
C123xxx	0.5	3'	0.875"	3"	5"	0.75"	1"	13"	40
C223xxx	0.5	4'	0.875"	3"	5"	0.75"	1"	13"	52
C323xxx	0.5	6'	0.875"	3"	5"	0.75"	1"	13"	65
C423xxx	0.5	8'	0.875"	3"	5"	0.75"	1"	13"	80
C523xxx	0.5	10'	0.875"	3"	5"	0.75"	1"	14"	125
C623xxx	0.5	12'	0.875"	3"	5"	0.75"	1"	14"	145
C723xxx	0.5	14'	0.875"	3"	5"	0.75"	1"	15"	210
C823xxx	0.5	16'	0.875"	3"	5"	0.75"	1"	16"	360
C923xxx	0.5	18'	0.875"	3"	5"	0.75"	1"	17"	465
C133xxx	0.5	20'	0.875"	3"	5"	0.75"	1"	18"	490
C233xxx	0.5	24'	0.875"	3"	5"	0.75"	1"	20"	765
C333xxx	0.5	30'	0.875"	3"	5"	0.75"	1"	22"	1280
C433xxx	1	3'	0.875"	3"	5"	0.75"	1"	13"	40
C533xxx	1	4'	0.875"	3"	5"	0.75"	1"	13"	50
C633xxx	1	6'	0.875"	3"	5"	0.75"	1"	14"	80
C733xxx	1	8'	0.875"	3"	5"	0.75"	1"	14"	105
C833xxx	1	10'	0.875"	3"	5"	0.75"	1"	15"	150
C933xxx	1	12'	0.875"	3"	5"	0.75"	1"	16"	275
C143xxx	1	14'	0.875"	3"	5"	0.75"	1"	17"	365
C243xxx	1	16'	0.875"	3"	5"	0.75"	1"	18"	390
C343xxx	1	18'	0.875"	3"	5"	0.75"	1"	19"	505
C443xxx	1	20'	0.875"	3"	5"	0.75"	1"	20"	640
C543xxx	1	24'	0.875"	3"	5"	0.75"	1"	22"	1025
C643xxx	2	3'	0.875"	3"	5"	0.75"	1"	13"	40
C743xxx	2	4'	0.875"	3"	5"	0.75"	1"	14"	60
C843xxx	2	6'	0.875"	3"	5"	0.75"	1"	15"	95
C943xxx	2	8'	0.875"	3"	5"	0.75"	1"	16"	150

LIFTING BEAMS

CHANNEL LIFTING BEAM (MODEL C)

MODEL NUMBER	CAP (tons)	SPAN (ft.)	A (in.)	B (in.)	C (in.)	T (in.)	O (in.)	HR (in.)	WT (lbs.)
C153xxx	2	10'	0.875"	3"	5"	0.75"	1"	17"	265
C253xxx	2	12'	0.875"	3"	5"	0.75"	1"	18"	295
C353xxx	2	14'	0.875"	3"	5"	0.75"	1"	19"	400
C453xxx	2	16'	0.875"	3"	5"	0.75"	1"	22"	690
C553xxx	2	18'	0.875"	3"	5"	0.75"	1"	22"	775
C653xxx	2	20'	0.875"	3"	5"	0.75"	1"	22"	860
C753xxx	2	24'	0.875"	3"	5"	0.75"	1"	25"	1665
C853xxx	3	3'	1.25"	3"	5"	1"	1"	14"	55
C953xxx	3	4'	1.25"	3"	5"	1"	1"	15"	80
C163xxx	3	6'	1.25"	3"	5"	1"	1"	16"	155
C263xxx	3	8'	1.25"	3"	5"	1"	1"	17"	225
C363xxx	3	10'	1.25"	3"	5"	1"	1"	18"	260
C463xxx	3	12'	1.25"	3"	5"	1"	1"	20"	400
C563xxx	3	14'	1.25"	3"	5"	1"	1"	22"	620
C663xxx	3	16'	1.25"	3"	5"	1"	1"	22"	705
C763xxx	3	18'	1.25"	3"	5"	1"	1"	26"	1280
C863xxx	3	20'	1.25"	3"	5"	1"	1"	26"	1420
C963xxx	3	24'	1.25"	3"	5"	1"	1"	26"	1690
C173xxx	5	3'	2"	4"	7"	1.25"	1"	18"	100
C273xxx	5	4'	2"	4"	7"	1.25"	1"	19"	145
C373xxx	5	6'	2"	4"	7"	1.25"	1"	20"	210
C473xxx	5	8'	2"	4"	7"	1.25"	1"	22"	280
C573xxx	5	10'	2"	4"	7"	1.25"	1"	24"	380
C673xxx	5	12'	2"	4"	7"	1.25"	1"	25"	570
C773xxx	5	14'	2"	4"	7"	1.25"	2"	30"	1045
C873xxx	5	16'	2"	4"	7"	1.25"	2"	30"	1185
C973xxx	5	18'	2"	4"	7"	1.25"	2"	30"	1325
C183xxx	5	20'	2"	4"	7"	1.25"	2"	30"	1470
C283xxx	5	24'	2"	4"	7"	1.25"	2"	33"	2320
C383xxx	7.5	3'	2"	4"	7"	1.25"	2"	21"	130
C483xxx	7.5	4'	2"	4"	7"	1.25"	2"	22"	170
C583xxx	7.5	6'	2"	4"	7"	1.25"	2"	24"	235
C683xxx	7.5	8'	2"	4"	7"	1.25"	2"	25"	320
C783xxx	7.5	10'	2"	4"	7"	1.25"	2"	27"	495
C883xxx	7.5	12'	2"	4"	7"	1.25"	2"	30"	900
C983xxx	7.5	14'	2"	4"	7"	1.25"	2"	30"	1050
C193xxx	7.5	16'	2"	4"	7"	1.25"	2"	30"	1190
C293xxx	7.5	18'	2"	4"	7"	1.25"	2"	33"	1640
C393xxx	7.5	20'	2"	4"	7"	1.25"	2"	33"	1840
C493xxx	10	3'	2"	4"	7"	1.25"	2"	22"	145
C593xxx	10	4'	2"	4"	7"	1.25"	2"	23"	165
C693xxx	10	6'	2"	4"	7"	1.25"	2"	25"	260
C793xxx	10	8'	2"	4"	7"	1.25"	2"	27"	410
C893xxx	10	10'	2"	4"	7"	1.25"	2"	30"	770
C993xxx	10	12'	2"	4"	7"	1.25"	2"	30"	910
C113xxx	10	14'	2"	4"	7"	1.25"	2"	30"	1055
C213xxx	10	16'	2"	4"	7"	1.25"	2"	33"	1475
C313xxx	10	18'	2"	4"	7"	1.25"	2"	33"	1985
C413xxx	10	20'	2"	4"	7"	1.25"	2"	37"	2155
C513xxx	15	3'	2.5"	5"	9"	1.5"	2"	26"	190
C613xxx	15	4'	2.5"	5"	9"	1.5"	2"	28"	255
C713xxx	15	6'	2.5"	5"	9"	1.5"	2"	30"	385
C813xxx	15	8'	2.5"	5"	9"	1.5"	2"	33"	700
C913xxx	15	10'	2.5"	5"	9"	1.5"	2"	33"	835

LIFTING BEAMS

CHANNEL LIFTING BEAM (MODEL C)

MODEL NUMBER	CAP (tons)	SPAN (ft.)	A (in.)	B (in.)	C (in.)	T (in.)	O (in.)	HR (in.)	WT (lbs.)
C124xxx	15	12'	2.5"	5"	9"	1.5"	2"	37"	1195
C224xxx	15	14'	2.5"	5"	9"	1.5"	2"	37"	1460
C324xxx	15	16'	2.5"	5"	9"	1.5"	2"	40"	1633
C424xxx	15	18'	2.5"	5"	9"	1.5"	2"	40"	1866
C524xxx	15	20'	2.5"	5"	9"	1.5"	2"	40"	2099
C624xxx	20	3'	2.5"	5"	9"	1.5"	2"	29"	235
C724xxx	20	4'	2.5"	5"	9"	1.5"	2"	31"	320
C824xxx	20	6'	2.5"	5"	9"	1.5"	2"	34"	575
C924xxx	20	8'	2.5"	5"	9"	1.5"	2"	34"	710
C134xxx	20	10'	2.5"	5"	9"	1.5"	2"	35"	840
C234xxx	20	12'	2.5"	5"	9"	1.5"	2"	38"	1585
C334xxx	20	14'	2.5"	5"	9"	1.5"	2"	44"	2030
C434xxx	20	16'	2.5"	5"	9"	1.5"	2"	44"	2122
C534xxx	20	18'	2.5"	5"	9"	1.5"	2"	44"	2433
C634xxx	20	20'	2.5"	5"	9"	1.5"	2"	47"	2744
C734xxx	25	4'	3"	6"	12"	1.75"	3"	38"	415
C834xxx	25	6'	3"	6"	12"	1.75"	3"	41"	680
C934xxx	25	8'	3"	6"	12"	1.75"	3"	41"	815
C144xxx	25	10'	3"	6"	12"	1.75"	3"	44"	1462
C244xxx	25	12'	3"	6"	12"	1.75"	3"	44"	1700
C344xxx	25	14'	3"	6"	12"	1.75"	3"	50"	2470
C444xxx	25	16'	3"	6"	12"	1.75"	3"	50"	2655
C544xxx	25	18'	3"	6"	12"	1.75"	3"	53"	3055
C644xxx	25	20'	3"	6"	12"	1.75"	3"	53"	3454
C744xxx	30	4'	3.5"	7"	16"	2"	3"	45"	655
C844xxx	30	6'	3.5"	7"	16"	2"	3"	45"	790
C944xxx	30	8'	3.5"	7"	16"	2"	3"	48"	1330
C154xxx	30	10'	3.5"	7"	16"	2"	3"	49"	1560
C254xxx	30	12'	3.5"	7"	16"	2"	3"	52"	2120
C354xxx	30	14'	3.5"	7"	16"	2"	3"	54"	2900
C454xxx	30	16'	3.5"	7"	16"	2"	3"	54"	3104
C554xxx	30	18'	3.5"	7"	16"	2"	3"	57"	3545
C654xxx	30	20'	3.5"	7"	16"	2"	3"	57"	3986
C754xxx	40	4'	3.5"	7"	16"	2.5"	3"	45"	745
C854xxx	40	6'	3.5"	7"	16"	2.5"	3"	48"	1185
C954xxx	40	8'	4.25"	7"	16"	2.5"	3"	52"	1520
C164xxx	40	10'	4.25"	7"	16"	2.5"	3"	55"	2030
C264xxx	40	12'	4.25"	7"	16"	2.5"	3"	59"	2750
C364xxx	40	14'	4.25"	7"	16"	2.5"	3"	62"	3770
C464xxx	40	16'	4.25"	7"	16"	2.5"	3"	62"	4033
C564xxx	40	18'	4.25"	7"	16"	2.5"	3"	65"	4614
C664xxx	40	20'	4.25"	7"	16"	2.5"	3"	65"	5195
C764xxx	50	4'	5"	9"	19"	3"	3"	47"	900
C864xxx	50	6'	5"	9"	19"	3"	3"	51"	1400
C964xxx	50	8'	5"	9"	19"	3"	3"	55"	1880
C174xxx	50	10'	5"	9"	19"	3"	3"	59"	2500
C274xxx	50	12'	5"	9"	19"	3"	3"	63"	3390
C374xxx	50	14'	5"	9"	19"	3"	3"	67"	4640
C474xxx	50	16'	5"	9"	19"	3"	3"	67"	4981
C574xxx	50	18'	5"	9"	19"	3"	3"	70"	5703
C674xxx	50	20'	5"	9"	19"	3"	3"	70"	6426

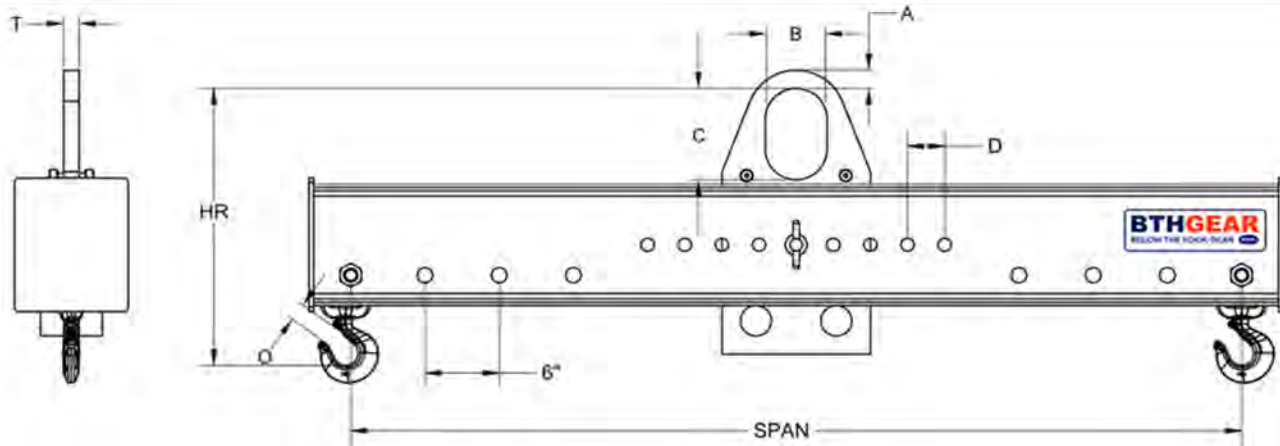
LIFTING BEAMS

CHANNEL LIFTING BEAM (MODEL C)

MODEL NUMBER	CAP (tons)	SPAN (ft.)	A (in.)	B (in.)	C (in.)	T (in.)	O (in.)	HR (in.)	WT (lbs.)
C124xxx	15	12'	2.5"	5"	9"	1.5"	2"	37"	1195
C224xxx	15	14'	2.5"	5"	9"	1.5"	2"	37"	1460
C324xxx	15	16'	2.5"	5"	9"	1.5"	2"	40"	1633
C424xxx	15	18'	2.5"	5"	9"	1.5"	2"	40"	1866
C524xxx	15	20'	2.5"	5"	9"	1.5"	2"	40"	2099
C624xxx	20	3'	2.5"	5"	9"	1.5"	2"	29"	235
C724xxx	20	4'	2.5"	5"	9"	1.5"	2"	31"	320
C824xxx	20	6'	2.5"	5"	9"	1.5"	2"	34"	575
C924xxx	20	8'	2.5"	5"	9"	1.5"	2"	34"	710
C134xxx	20	10'	2.5"	5"	9"	1.5"	2"	35"	840
C234xxx	20	12'	2.5"	5"	9"	1.5"	2"	38"	1585
C334xxx	20	14'	2.5"	5"	9"	1.5"	2"	44"	2030
C434xxx	20	16'	2.5"	5"	9"	1.5"	2"	44"	2122
C534xxx	20	18'	2.5"	5"	9"	1.5"	2"	44"	2433
C634xxx	20	20'	2.5"	5"	9"	1.5"	2"	47"	2744
C734xxx	25	4'	3"	6"	12"	1.75"	3"	38"	415
C834xxx	25	6'	3"	6"	12"	1.75"	3"	41"	680
C934xxx	25	8'	3"	6"	12"	1.75"	3"	41"	815
C144xxx	25	10'	3"	6"	12"	1.75"	3"	44"	1462
C244xxx	25	12'	3"	6"	12"	1.75"	3"	44"	1700
C344xxx	25	14'	3"	6"	12"	1.75"	3"	50"	2470
C444xxx	25	16'	3"	6"	12"	1.75"	3"	50"	2655
C544xxx	25	18'	3"	6"	12"	1.75"	3"	53"	3055
C644xxx	25	20'	3"	6"	12"	1.75"	3"	53"	3454
C744xxx	30	4'	3.5"	7"	16"	2"	3"	45"	655
C844xxx	30	6'	3.5"	7"	16"	2"	3"	45"	790
C944xxx	30	8'	3.5"	7"	16"	2"	3"	48"	1330
C154xxx	30	10'	3.5"	7"	16"	2"	3"	49"	1560
C254xxx	30	12'	3.5"	7"	16"	2"	3"	52"	2120
C354xxx	30	14'	3.5"	7"	16"	2"	3"	54"	2900
C454xxx	30	16'	3.5"	7"	16"	2"	3"	54"	3104
C554xxx	30	18'	3.5"	7"	16"	2"	3"	57"	3545
C654xxx	30	20'	3.5"	7"	16"	2"	3"	57"	3986
C754xxx	40	4'	3.5"	7"	16"	2.5"	3"	45"	745
C854xxx	40	6'	3.5"	7"	16"	2.5"	3"	48"	1185
C954xxx	40	8'	4.25"	7"	16"	2.5"	3"	52"	1520
C164xxx	40	10'	4.25"	7"	16"	2.5"	3"	55"	2030
C264xxx	40	12'	4.25"	7"	16"	2.5"	3"	59"	2750
C364xxx	40	14'	4.25"	7"	16"	2.5"	3"	62"	3770
C464xxx	40	16'	4.25"	7"	16"	2.5"	3"	62"	4033
C564xxx	40	18'	4.25"	7"	16"	2.5"	3"	65"	4614
C664xxx	40	20'	4.25"	7"	16"	2.5"	3"	65"	5195
C764xxx	50	4'	5"	9"	19"	3"	3"	47"	900
C864xxx	50	6'	5"	9"	19"	3"	3"	51"	1400
C964xxx	50	8'	5"	9"	19"	3"	3"	55"	1880
C174xxx	50	10'	5"	9"	19"	3"	3"	59"	2500
C274xxx	50	12'	5"	9"	19"	3"	3"	63"	3390
C374xxx	50	14'	5"	9"	19"	3"	3"	67"	4640
C474xxx	50	16'	5"	9"	19"	3"	3"	67"	4981
C574xxx	50	18'	5"	9"	19"	3"	3"	70"	5703
C674xxx	50	20'	5"	9"	19"	3"	3"	70"	6426

LIFTING BEAMS

ADJUSTABLE LIFTING BEAM (MODEL D)



To Order:

1. Select **Model Number** from table below.
2. Select top connection style using **Connection Options**—see Appendix A
3. Select bottom connection style using **Connection Options**—see Appendix A

Example:

Model x123AB

A=top connection style

B=bottom connection style

Note:

Standard load rated top and bottom connections will be supplied unless otherwise specified.

For connection options, see Appendix A

Custom options available upon request

MODEL NUMBER	CAP (tons)	SPAN (ft.)	A (in.)	B (in.)	C (in.)	T (in.)	O (in.)	HR (in.)	WT (lbs.)
D123xxx	0.5	3'	0.875"	3"	5"	0.75"	1"	13"	42
D223xxx	0.5	4'	0.875"	3"	5"	0.75"	1"	13"	55
D323xxx	0.5	6'	0.875"	3"	5"	0.75"	1"	13"	68
D423xxx	0.5	8'	0.875"	3"	5"	0.75"	1"	13"	84
D523xxx	0.5	10'	0.875"	3"	5"	0.75"	1"	14"	131
D623xxx	0.5	12'	0.875"	3"	5"	0.75"	1"	14"	152
D723xxx	0.5	14'	0.875"	3"	5"	0.75"	1"	15"	221
D823xxx	0.5	16'	0.875"	3"	5"	0.75"	1"	16"	378
D923xxx	0.5	18'	0.875"	3"	5"	0.75"	1"	17"	488
D133xxx	0.5	20'	0.875"	3"	5"	0.75"	1"	18"	515
D233xxx	0.5	24'	0.875"	3"	5"	0.75"	1"	20"	803
D333xxx	0.5	30'	0.875"	3"	5"	0.75"	1"	22"	1344
D433xxx	1	3'	0.875"	3"	5"	0.75"	1"	13"	42
D533xxx	1	4'	0.875"	3"	5"	0.75"	1"	13"	53
D633xxx	1	6'	0.875"	3"	5"	0.75"	1"	14"	84
D733xxx	1	8'	0.875"	3"	5"	0.75"	1"	14"	110
D833xxx	1	10'	0.875"	3"	5"	0.75"	1"	15"	158
D933xxx	1	12'	0.875"	3"	5"	0.75"	1"	16"	289
D143xxx	1	14'	0.875"	3"	5"	0.75"	1"	17"	383
D243xxx	1	16'	0.875"	3"	5"	0.75"	1"	18"	410
D343xxx	1	18'	0.875"	3"	5"	0.75"	1"	19"	530
D443xxx	1	20'	0.875"	3"	5"	0.75"	1"	20"	672
D543xxx	1	24'	0.875"	3"	5"	0.75"	1"	22"	1076
D643xxx	2	3'	0.875"	3"	5"	0.75"	1"	13"	42
D743xxx	2	4'	0.875"	3"	5"	0.75"	1"	14"	63
D843xxx	2	6'	0.875"	3"	5"	0.75"	1"	15"	100
D943xxx	2	8'	0.875"	3"	5"	0.75"	1"	16"	158

LIFTING BEAMS

ADJUSTABLE LIFTING BEAM (MODEL D)

MODEL NUMBER	CAP (tons)	SPAN (ft.)	A (in.)	B (in.)	C (in.)	T (in.)	O (in.)	HR (in.)	WT (lbs.)
D153xxx	2	10'	0.875"	3"	5"	0.75"	1"	17"	278
D253xxx	2	12'	0.875"	3"	5"	0.75"	1"	18"	310
D353xxx	2	14'	0.875"	3"	5"	0.75"	1"	19"	420
D453xxx	2	16'	0.875"	3"	5"	0.75"	1"	22"	725
D553xxx	2	18'	0.875"	3"	5"	0.75"	1"	22"	814
D653xxx	2	20'	0.875"	3"	5"	0.75"	1"	22"	903
D753xxx	2	24'	0.875"	3"	5"	0.75"	1"	25"	1748
D853xxx	3	3'	1.25"	3"	5"	1"	1"	14"	58
D953xxx	3	4'	1.25"	3"	5"	1"	1"	15"	84
D163xxx	3	6'	1.25"	3"	5"	1"	1"	16"	163
D263xxx	3	8'	1.25"	3"	5"	1"	1"	17"	236
D363xxx	3	10'	1.25"	3"	5"	1"	1"	18"	273
D463xxx	3	12'	1.25"	3"	5"	1"	1"	20"	420
D563xxx	3	14'	1.25"	3"	5"	1"	1"	22"	651
D663xxx	3	16'	1.25"	3"	5"	1"	1"	22"	740
D763xxx	3	18'	1.25"	3"	5"	1"	1"	26"	1344
D863xxx	3	20'	1.25"	3"	5"	1"	1"	26"	1491
D963xxx	3	24'	1.25"	3"	5"	1"	1"	26"	1775
D173xxx	5	3'	2"	4"	7"	1.25"	1"	18"	105
D273xxx	5	4'	2"	4"	7"	1.25"	1"	19"	152
D373xxx	5	6'	2"	4"	7"	1.25"	1"	20"	221
D473xxx	5	8'	2"	4"	7"	1.25"	1"	22"	294
D573xxx	5	10'	2"	4"	7"	1.25"	1"	24"	399
D673xxx	5	12'	2"	4"	7"	1.25"	1"	25"	599
D773xxx	5	14'	2"	4"	7"	1.25"	2"	30"	1097
D873xxx	5	16'	2"	4"	7"	1.25"	2"	30"	1244
D973xxx	5	18'	2"	4"	7"	1.25"	2"	30"	1391
D183xxx	5	20'	2"	4"	7"	1.25"	2"	30"	1544
D283xxx	5	24'	2"	4"	7"	1.25"	2"	33"	2436
D383xxx	7.5	3'	2"	4"	7"	1.25"	2"	21"	137
D483xxx	7.5	4'	2"	4"	7"	1.25"	2"	22"	179
D583xxx	7.5	6'	2"	4"	7"	1.25"	2"	24"	247
D683xxx	7.5	8'	2"	4"	7"	1.25"	2"	25"	336
D783xxx	7.5	10'	2"	4"	7"	1.25"	2"	27"	520
D883xxx	7.5	12'	2"	4"	7"	1.25"	2"	30"	945
D983xxx	7.5	14'	2"	4"	7"	1.25"	2"	30"	1103
D193xxx	7.5	16'	2"	4"	7"	1.25"	2"	30"	1250
D293xxx	7.5	18'	2"	4"	7"	1.25"	2"	33"	1722
D393xxx	7.5	20'	2"	4"	7"	1.25"	2"	33"	1932
D493xxx	10	3'	2"	4"	7"	1.25"	2"	22"	152
D593xxx	10	4'	2"	4"	7"	1.25"	2"	23"	173
D693xxx	10	6'	2"	4"	7"	1.25"	2"	25"	273
D793xxx	10	8'	2"	4"	7"	1.25"	2"	27"	431
D893xxx	10	10'	2"	4"	7"	1.25"	2"	30"	809
D993xxx	10	12'	2"	4"	7"	1.25"	2"	30"	956
D113xxx	10	14'	2"	4"	7"	1.25"	2"	30"	1108
D213xxx	10	16'	2"	4"	7"	1.25"	2"	33"	1549
D313xxx	10	18'	2"	4"	7"	1.25"	2"	33"	2084
D413xxx	10	20'	2"	4"	7"	1.25"	2"	37"	2263
D513xxx	15	3'	2.5"	5"	9"	1.5"	2"	26"	200
D613xxx	15	4'	2.5"	5"	9"	1.5"	2"	28"	268
D713xxx	15	6'	2.5"	5"	9"	1.5"	2"	30"	404
D813xxx	15	8'	2.5"	5"	9"	1.5"	2"	33"	735
D913xxx	15	10'	2.5"	5"	9"	1.5"	2"	33"	877

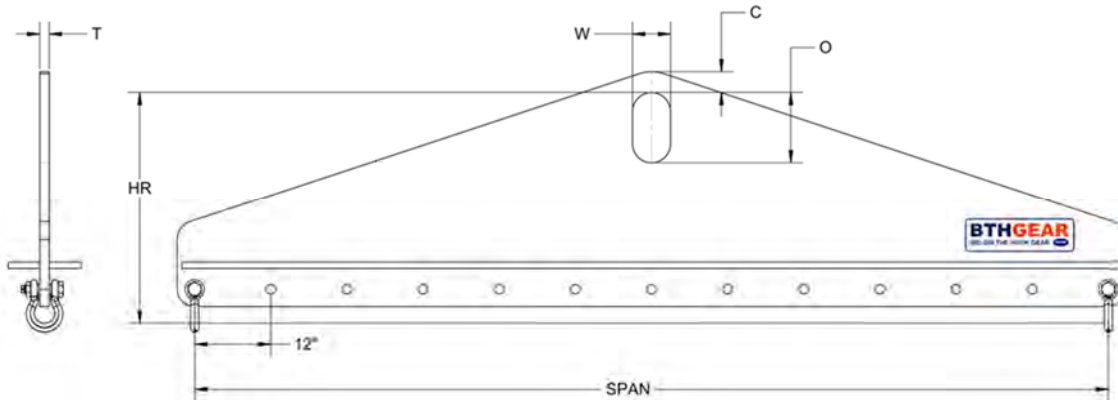
LIFTING BEAMS

ADJUSTABLE LIFTING BEAM (MODEL D)

MODEL NUMBER	CAP (tons)	SPAN (ft.)	A (in.)	B (in.)	C (in.)	T (in.)	O (in.)	HR (in.)	WT (lbs.)
D124xxx	15	12'	2.5"	5"	9"	1.5"	2"	37"	1255
D224xxx	15	14'	2.5"	5"	9"	1.5"	2"	37"	1533
D324xxx	15	16'	2.5"	5"	9"	1.5"	2"	40"	1714
D424xxx	15	18'	2.5"	5"	9"	1.5"	2"	40"	1959
D524xxx	15	20'	2.5"	5"	9"	1.5"	2"	40"	2204
D624xxx	20	3'	2.5"	5"	9"	1.5"	2"	29"	247
D724xxx	20	4'	2.5"	5"	9"	1.5"	2"	31"	336
D824xxx	20	6'	2.5"	5"	9"	1.5"	2"	34"	604
D924xxx	20	8'	2.5"	5"	9"	1.5"	2"	34"	746
D134xxx	20	10'	2.5"	5"	9"	1.5"	2"	35"	882
D234xxx	20	12'	2.5"	5"	9"	1.5"	2"	38"	1664
D334xxx	20	14'	2.5"	5"	9"	1.5"	2"	44"	2132
D434xxx	20	16'	2.5"	5"	9"	1.5"	2"	44"	2228
D534xxx	20	18'	2.5"	5"	9"	1.5"	2"	44"	2555
D634xxx	20	20'	2.5"	5"	9"	1.5"	2"	47"	2882
D734xxx	25	4'	3"	6"	12"	1.75"	3"	38"	436
D834xxx	25	6'	3"	6"	12"	1.75"	3"	41"	714
D934xxx	25	8'	3"	6"	12"	1.75"	3"	41"	856
D144xxx	25	10'	3"	6"	12"	1.75"	3"	44"	1535
D244xxx	25	12'	3"	6"	12"	1.75"	3"	44"	1785
D344xxx	25	14'	3"	6"	12"	1.75"	3"	50"	2594
D444xxx	25	16'	3"	6"	12"	1.75"	3"	50"	2788
D544xxx	25	18'	3"	6"	12"	1.75"	3"	53"	3207
D644xxx	25	20'	3"	6"	12"	1.75"	3"	53"	3627
D744xxx	30	4'	3.5"	7"	16"	2"	3"	45"	688
D844xxx	30	6'	3.5"	7"	16"	2"	3"	45"	830
D944xxx	30	8'	3.5"	7"	16"	2"	3"	48"	1397
D154xxx	30	10'	3.5"	7"	16"	2"	3"	49"	1638
D254xxx	30	12'	3.5"	7"	16"	2"	3"	52"	2226
D354xxx	30	14'	3.5"	7"	16"	2"	3"	54"	3045
D454xxx	30	16'	3.5"	7"	16"	2"	3"	54"	3259
D554xxx	30	18'	3.5"	7"	16"	2"	3"	57"	3722
D654xxx	30	20'	3.5"	7"	16"	2"	3"	57"	4185
D754xxx	40	4'	3.5"	7"	16"	2.5"	3"	45"	782
D854xxx	40	6'	3.5"	7"	16"	2.5"	3"	48"	1244
D954xxx	40	8'	4.25"	7"	16"	2.5"	3"	52"	1596
D164xxx	40	10'	4.25"	7"	16"	2.5"	3"	55"	2132
D264xxx	40	12'	4.25"	7"	16"	2.5"	3"	59"	2888
D364xxx	40	14'	4.25"	7"	16"	2.5"	3"	62"	3959
D464xxx	40	16'	4.25"	7"	16"	2.5"	3"	62"	4235
D564xxx	40	18'	4.25"	7"	16"	2.5"	3"	65"	4845
D664xxx	40	20'	4.25"	7"	16"	2.5"	3"	65"	5454
D764xxx	50	4'	5"	9"	19"	3"	3"	47"	945
D864xxx	50	6'	5"	9"	19"	3"	3"	51"	1470
D964xxx	50	8'	5"	9"	19"	3"	3"	55"	1974
D174xxx	50	10'	5"	9"	19"	3"	3"	59"	2625
D274xxx	50	12'	5"	9"	19"	3"	3"	63"	3560
D374xxx	50	14'	5"	9"	19"	3"	3"	67"	4872
D474xxx	50	16'	5"	9"	19"	3"	3"	67"	5230
D574xxx	50	18'	5"	9"	19"	3"	3"	70"	5988
D674xxx	50	20'	5"	9"	19"	3"	3"	70"	6747

LIFTING BEAMS

PLATE/TILT WALL LIFTING BEAM (MODEL E)



To Order:

1. Select **Model Number** from table below.
2. Select top connection style using **Connection Options**—see Appendix A
3. Select bottom connection style using **Connection Options**—see Appendix A

Example:

Model x123AB

A=top connection style

B=bottom connection style

Note:

Standard load rated top and bottom connections will be supplied unless otherwise specified.

For connection options, see Appendix A

Custom options available upon request

MODEL NUMBER	CAP (tons)	SPAN (ft.)	BOTTOM HOLE SPACING (in.)	WT (lbs.)
E123xxx	25	10'	6"	2800
E223xxx	35	10'	6"	3500
E323xxx	50	12'	6"	3900
E423xxx	65	12'	6"	4200
E523xxx	75	18'	6"	5100
E623xxx	125	24'	6"	7500

SUPER BEAM (MODEL SB)



To Order:

1. Select **Model Number** from table below.
2. Select top connection style using **Connection Options**—see Appendix A
3. Select bottom connection style using **Connection Options**—see Appendix A

Example:

Model x123AB

A=top connection style

B=bottom connection style

Note:

Standard load rated top and bottom connections will be supplied unless otherwise specified.

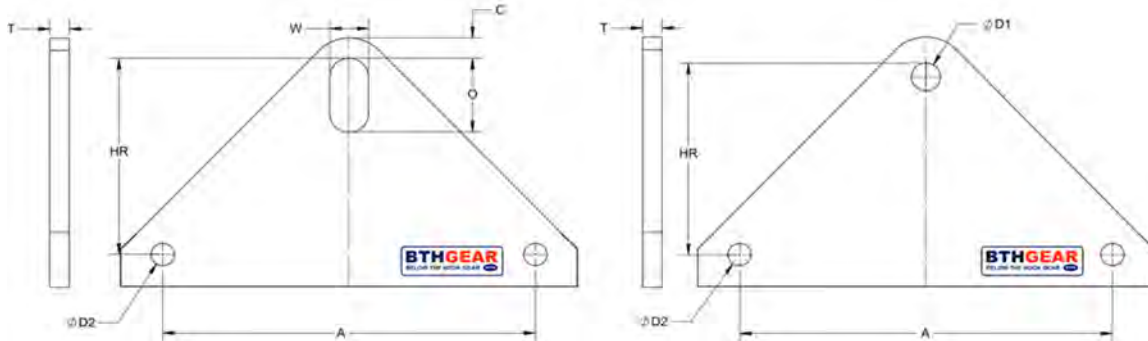
For connection options, see Appendix A

Custom options available upon request

MODEL NUMBER	CAP (tons)	SPAN (ft.)	BOTTOM HOLE SPACING (in.)	WT (lbs.)
SB123xxx	25	10'	6"	2800
SB223xxx	35	10'	6"	3500
SB323xxx	50	12'	6"	3900
SB423xxx	65	12'	6"	4200
SB523xxx	75	18'	6"	5100
SB623xxx	125	24'	6"	7500

LIFTING BEAMS

TRIANGLE PLATE LIFTING BEAM (MODEL F)



To Order:

1. Select **Model Number** from table below.
2. Select top connection style using **Connection Options**—see Appendix A
3. Select bottom connection style using **Connection Options**—see Appendix A

Example:

Model x123AB

A=top connection style

B=bottom connection style

Note:

Standard load rated top and bottom connections will be supplied unless otherwise specified.

For connection options, see Appendix A

Custom options available upon request

MODEL NUMBER	CAP (tons)	SPAN (in.)	Bale Width (in.)	Bale Height (in.)	HR (in.)	Top Shackle	Bottom Shackle	WT (lbs.)
F123xxx	0.5	12"	2"	4"	7"	3.25t	2t	15
F223xxx	0.5	24"	2"	4"	7"	3.25t	2t	25
F323xxx	0.5	36"	2"	4"	7"	3.25t	2t	35
F423xxx	1	12"	3"	5"	10"	3.25t	2t	20
F523xxx	1	24"	3"	5"	10"	3.25t	2t	30
F623xxx	1	36"	3"	5"	10"	3.25t	2t	45
F723xxx	2	12"	3"	5"	11"	3.25t	2t	22
F823xxx	2	24"	3"	5"	11"	3.25t	2t	30
F923xxx	2	36"	3"	5"	11"	3.25t	2t	45
F133xxx	3	12"	3"	5"	11"	4.75t	3.25t	25
F233xxx	3	24"	3"	5"	11"	4.75t	3.25t	50
F333xxx	3	36"	3"	5"	11"	4.75t	3.25t	70
F433xxx	4	12"	3"	5"	12"	4.75t	3.25t	30
F533xxx	4	24"	3"	5"	12"	4.75t	3.25t	55
F633xxx	4	36"	3"	5"	12"	4.75t	3.25t	75
F733xxx	5	12"	3"	5"	13"	6.5t	3.25t	35
F833xxx	5	24"	3"	5"	13"	6.5t	3.25t	55
F933xxx	5	36"	3"	5"	13"	6.5t	3.25t	80
F143xxx	6	12"	4"	7"	14"	8.5t	4.75t	40
F243xxx	6	24"	4"	7"	14"	8.5t	4.75t	75
F343xxx	6	36"	4"	7"	14"	8.5t	4.75t	105
F443xxx	7.5	12"	4"	7"	14"	8.5t	4.75t	45
F543xxx	7.5	24"	4"	7"	14"	8.5t	4.75t	90
F643xxx	7.5	36"	4"	7"	14"	8.5t	4.75t	125
F743xxx	10	12"	4"	7"	16"	12t	6.5t	55
F843xxx	10	24"	4"	7"	16"	12t	6.5t	90
F943xxx	10	36"	4"	7"	16"	12t	6.5t	130
F153xxx	15	12"	5"	9"	18"	17t	8.5t	75
F253xxx	15	24"	5"	9"	18"	17t	8.5t	175
F353xxx	15	36"	5"	9"	18"	17t	8.5t	230
F453xxx	20	12"	5"	9"	24"	25t	9.5t	95
F553xxx	20	24"	5"	9"	24"	25t	9.5t	225
F653xxx	20	36"	5"	9"	24"	25t	9.5t	300
F753xxx	25	12"	6"	12"	24"	25t	12t	120
F853xxx	25	24"	6"	12"	24"	25t	12t	285
F953xxx	25	36"	6"	12"	24"	25t	12t	375

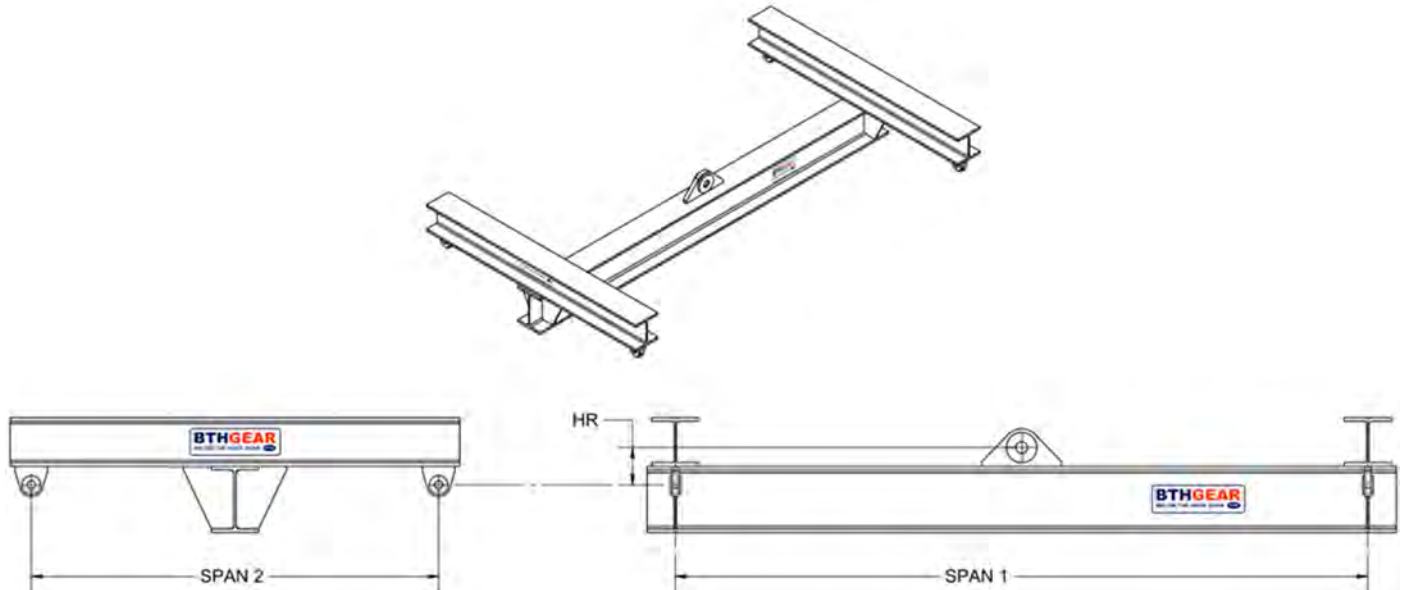
LIFTING BEAMS

TRIANGLE PLATE LIFTING BEAM (MODEL F)

MODEL NUMBER	CAP (tons)	SPAN (in.)	Bale Width (in.)	Bale Height (in.)	HR (in.)	Top Shackle	Bottom Shackle	WT (lbs.)
F163xxx	35	12"	6"	14"	30"	35t	17t	160
F263xxx	35	24"	6"	14"	30"	35t	17t	395
F363xxx	35	36"	6"	14"	30"	35t	17t	520
F463xxx	50	12"	7"	16"	38"	55t	25t	220
F563xxx	50	24"	7"	16"	38"	55t	25t	560
F663xxx	50	36"	7"	16"	38"	55t	25t	735
F763xxx	50	48"	7"	16"	38"	55t	25t	975
F863xxx	75	12"	8"	18"	40"	75/85T	40/55T	625
F963xxx	75	24"	8"	18"	40"	75/85T	40/55T	825
F173xxx	75	36"	8"	18"	40"	75/85T	40/55T	1175
F273xxx	75	48"	8"	18"	40"	75/85T	40/55T	1425
F373xxx	110	24"	9"	20"	40"	120/125t	55/75t	960
F473xxx	110	36"	9"	20"	40"	120/125t	55/75t	1200
F573xxx	110	48"	9"	20"	40"	120/125t	55/75t	1650
F673xxx	110	60"	9"	20"	40"	120/125t	55/75t	2250
F773xxx	150	24"	9"	22"	46"	150t	75/85t	1100
F873xxx	150	36"	9"	22"	46"	150t	75/85t	1350
F973xxx	150	48"	9"	22"	46"	150t	75/85t	1725
F183xxx	150	60"	9"	22"	46"	150t	75/85t	2275
F283xxx	165	24"	10"	22"	48"	150t	75/85t	1150
F383xxx	165	36"	10"	22"	48"	150t	75/85t	1475
F483xxx	165	48"	10"	22"	48"	150t	75/85t	2100
F583xxx	165	60"	10"	22"	48"	150t	75/85t	2550
F683xxx	200	24"	10"	24"	52"	200t	120t	1800
F783xxx	200	36"	10"	24"	52"	200t	120t	2200
F883xxx	200	48"	10"	24"	52"	200t	120t	2700
F983xxx	200	60"	10"	24"	52"	200t	120t	3200
F193xxx	300	24"	PER HOOK DIM	PER HOOK DIM	TBD	300t	150t	TBD
F293xxx	300	36"	PER HOOK DIM	PER HOOK DIM	TBD	300t	150t	TBD
F393xxx	300	48"	PER HOOK DIM	PER HOOK DIM	TBD	300t	150t	TBD
F493xxx	300	60"	PER HOOK DIM	PER HOOK DIM	TBD	300t	150t	TBD
F593xxx	500	24"	PER HOOK DIM	PER HOOK DIM	TBD	500t	250/300t	TBD
F693xxx	500	36"	PER HOOK DIM	PER HOOK DIM	TBD	500t	250/300t	TBD
F793xxx	500	48"	PER HOOK DIM	PER HOOK DIM	TBD	500t	250/300t	TBD
F893xxx	500	60"	PER HOOK DIM	PER HOOK DIM	TBD	500t	250/300t	TBD

LIFTING BEAMS

H BAR LIFTING BEAM (MODEL G)



To Order:

1. Select **Model Number** from table below.
2. Select top connection style using **Connection Options**—see Appendix A
3. Select bottom connection style using **Connection Options**—see Appendix A

Example:

Model x123AB

A=top connection style

B=bottom connection style

Note:

Standard load rated top and bottom connections will be supplied unless otherwise specified.

For connection options, see Appendix A

Custom options available upon request

MODEL NUMBER	CAP (tons)	SPAN (ft.)	HR (in.)	WT (lbs.)
G123xxx	0.5	3'	20"	50
G223xxx	0.5	4'	20"	65
G323xxx	0.5	6'	20"	81
G423xxx	0.5	8'	20"	100
G523xxx	0.5	10'	21"	156
G623xxx	0.5	12'	21"	181
G723xxx	0.5	14'	23"	263
G823xxx	0.5	16'	24"	450
G923xxx	0.5	18'	26"	581
G133xxx	0.5	20'	27"	613
G233xxx	0.5	24'	30"	956
G333xxx	0.5	30'	33"	1600
G433xxx	1	3'	20"	50
G533xxx	1	4'	20"	63
G633xxx	1	6'	21"	100
G733xxx	1	8'	21"	131
G833xxx	1	10'	23"	188
G933xxx	1	12'	24"	344
G143xxx	1	14'	26"	456
G243xxx	1	16'	27"	488
G343xxx	1	18'	29"	631
G443xxx	1	20'	30"	800
G543xxx	1	24'	33"	1281
G643xxx	2	3'	20"	50
G743xxx	2	4'	21"	75
G843xxx	2	6'	23"	119
G943xxx	2	8'	24"	188

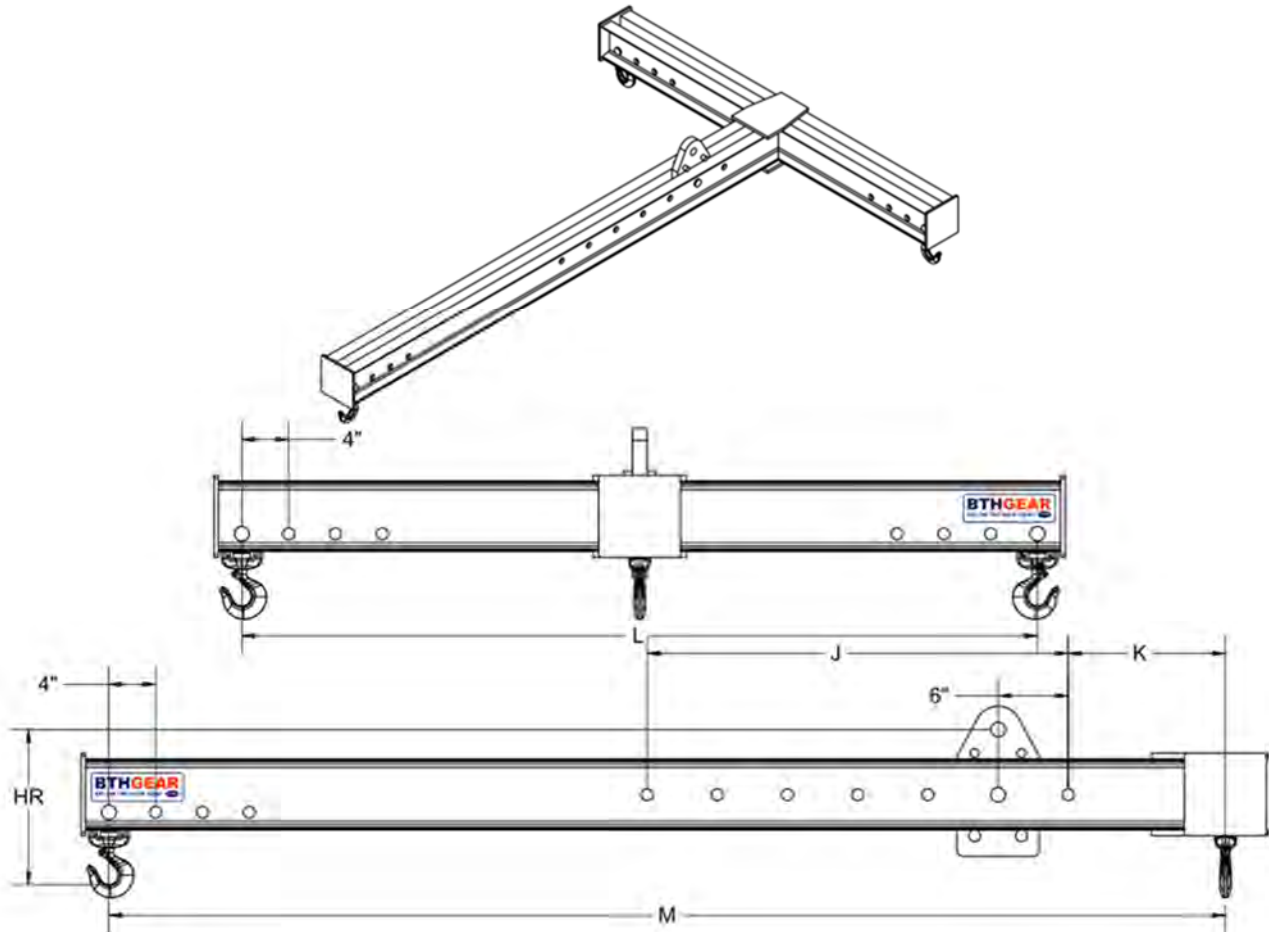
LIFTING BEAMS

H BAR LIFTING BEAM (MODEL G)

MODEL NUMBER	CAP (tons)	SPAN (ft.)	HR (in.)	WT (lbs.)
G124xxx	15	12'	56"	1494
G224xxx	15	14'	56"	1825
G324xxx	15	16'	60"	2041
G424xxx	15	18'	60"	2332
G524xxx	15	20'	60"	2624
G624xxx	20	3'	44"	294
G724xxx	20	4'	47"	400
G824xxx	20	6'	51"	719
G924xxx	20	8'	51"	888
G134xxx	20	10'	53"	1050
G234xxx	20	12'	57"	1981
G334xxx	20	14'	66"	2538
G434xxx	20	16'	66"	2652
G534xxx	20	18'	66"	3042
G634xxx	20	20'	71"	3431
G734xxx	25	4'	57"	519
G834xxx	25	6'	62"	850
G934xxx	25	8'	62"	1019
G144xxx	25	10'	66"	1828
G244xxx	25	12'	66"	2125
G344xxx	25	14'	74"	3088
G444xxx	25	16'	75"	3319
G544xxx	25	18'	80"	3818
G644xxx	25	20'	80"	4318
G744xxx	30	4'	68"	819
G844xxx	30	6'	68"	988
G944xxx	30	8'	72"	1663
G154xxx	30	10'	73"	1950
G254xxx	30	12'	77"	2650
G354xxx	30	14'	82"	3625
G454xxx	30	16'	81"	3880
G554xxx	30	18'	86"	4431
G654xxx	30	20'	86"	4983
G754xxx	40	4'	68"	931
G854xxx	40	6'	72"	1481
G954xxx	40	8'	78"	1900
G164xxx	40	10'	83"	2538
G264xxx	40	12'	88"	3438
G364xxx	40	14'	93"	4713
G464xxx	40	16'	93"	5041
G564xxx	40	18'	98"	5767
G664xxx	40	20'	98"	6493
G764xxx	50	4'	70"	1125
G864xxx	50	6'	76"	1750
G964xxx	50	8'	83"	2350
G174xxx	50	10'	89"	3125
G274xxx	50	12'	95"	4238
G374xxx	50	14'	101"	5800
G474xxx	50	16'	101"	6226
G574xxx	50	18'	105"	7129
G674xxx	50	20'	105"	8032

LIFTING BEAMS

T BAR LIFTING BEAM (MODEL H)



To Order:

1. Select **Model Number** from table below.
2. Select top connection style using **Connection Options**—see Appendix A
3. Select bottom connection style using **Connection Options**—see Appendix A

Example:

Model x123AB

A=top connection style

B=bottom connection style

Note:

Standard load rated top and bottom connections will be supplied unless otherwise specified.

For connection options, see Appendix A

Custom options available upon request

MODEL NUMBER	CAP (tons)	SPAN (ft.)	HR (in.)	WT (lbs.)
H123xxx	0.5	3'	13"	50
H223xxx	0.5	4'	13"	65
H323xxx	0.5	6'	13"	81
H423xxx	0.5	8'	13"	100
H523xxx	0.5	10'	14"	156
H623xxx	0.5	12'	14"	181
H723xxx	0.5	14'	15"	263
H823xxx	0.5	16'	16"	450
H433xxx	1	3'	13"	50
H533xxx	1	4'	13"	63
H633xxx	1	6'	14"	100
H733xxx	1	8'	14"	131
H833xxx	1	10'	15"	188
H933xxx	1	12'	16"	344

LIFTING BEAMS

T BAR LIFTING BEAM (MODEL H)

MODEL NUMBER	CAP (tons)	SPAN (ft.)	HR (in.)	WT (lbs.)
H143xxx	1	14'	17"	456
H243xxx	1	16'	18"	488
H643xxx	2	3'	13"	50
H743xxx	2	4'	14"	75
H843xxx	2	6'	15"	119
H943xxx	2	8'	16"	188
H153xxx	2	10'	17"	331
H253xxx	2	12'	18"	369
H353xxx	2	14'	19"	500
H453xxx	2	16'	22"	863
H853xxx	3	3'	14"	69
H953xxx	3	4'	15"	100
H163xxx	3	6'	16"	194
H263xxx	3	8'	17"	281
H363xxx	3	10'	18"	325
H463xxx	3	12'	20"	500
H563xxx	3	14'	22"	775
H663xxx	3	16'	22"	881
H173xxx	5	3'	18"	125
H273xxx	5	4'	19"	181
H373xxx	5	6'	20"	263
H473xxx	5	8'	22"	350
H573xxx	5	10'	24"	475
H673xxx	5	12'	25"	713
H773xxx	5	14'	30"	1306
H873xxx	5	16'	30"	1481
H383xxx	7.5	3'	21"	163
H483xxx	7.5	4'	22"	213
H583xxx	7.5	6'	24"	294
H683xxx	7.5	8'	25"	400
H783xxx	7.5	10'	27"	619
H883xxx	7.5	12'	30"	1125
H983xxx	7.5	14'	30"	1313
H193xxx	7.5	16'	30"	1488
H493xxx	10	3'	22"	181
H593xxx	10	4'	23"	206
H693xxx	10	6'	25"	325
H793xxx	10	8'	27"	513
H893xxx	10	10'	30"	963
H993xxx	10	12'	30"	1138
H113xxx	10	14'	30"	1319
H213xxx	10	16'	33"	1844
H513xxx	15	3'	26"	238
H613xxx	15	4'	28"	319
H713xxx	15	6'	30"	481
H813xxx	15	8'	33"	875
H913xxx	15	10'	33"	1044
H124xxx	15	12'	37"	1494
H224xxx	15	14'	37"	1825
H324xxx	15	16'	40"	2041
H624xxx	20	3'	29"	294
H724xxx	20	4'	31"	400
H824xxx	20	6'	34"	719
H924xxx	20	8'	34"	888

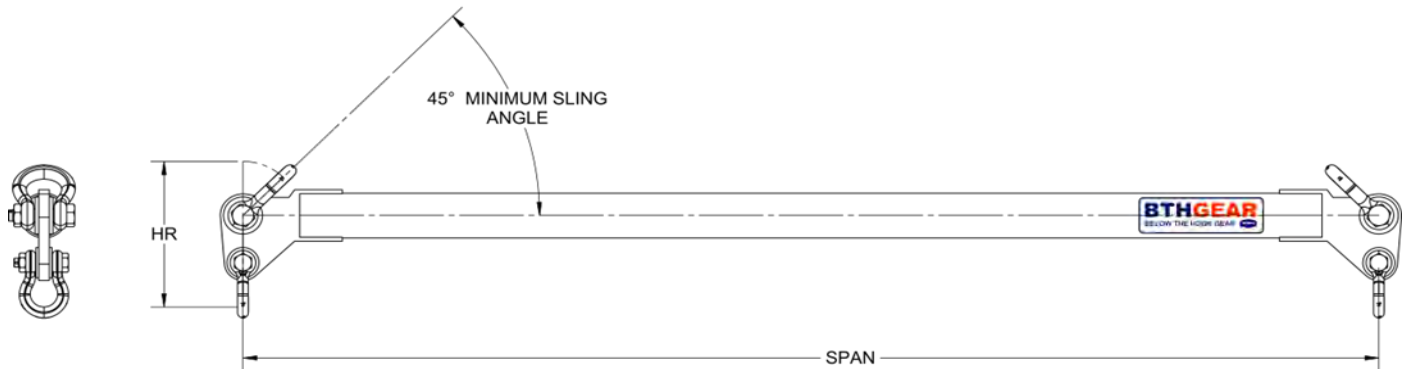
LIFTING BEAMS

T BAR LIFTING BEAM (MODEL H)

MODEL NUMBER	CAP (tons)	SPAN (ft.)	HR (in.)	WT (lbs.)
H134xxx	20	10'	35"	1050
H234xxx	20	12'	38"	1981
H334xxx	20	14'	44"	2538
H434xxx	20	16'	44"	2652
H734xxx	25	4'	38"	519
H834xxx	25	6'	41"	850
H934xxx	25	8'	41"	1019
H144xxx	25	10'	44"	1828
H244xxx	25	12'	44"	2125
H344xxx	25	14'	50"	3088
H444xxx	25	16'	50"	3319
H744xxx	30	4'	45"	819
H844xxx	30	6'	45"	988
H944xxx	30	8'	48"	1663
H154xxx	30	10'	49"	1950
H254xxx	30	12'	52"	2650
H354xxx	30	14'	54"	3625
H454xxx	30	16'	54"	3880
H754xxx	40	4'	45"	931
H854xxx	40	6'	48"	1481
H954xxx	40	8'	52"	1900
H164xxx	40	10'	55"	2538
H264xxx	40	12'	59"	3438
H364xxx	40	14'	62"	4713
H464xxx	40	16'	62"	5041

SPREADER BEAMS

STANDARD SPREADER BEAM (MODEL J)



To Order:

1. Select **Model Number** from table below.
2. Select top connection style using **Connection Options**—see Appendix A
3. Select bottom connection style using **Connection Options**—see Appendix A

Example:

Model x123AB

A=top connection style

B=bottom connection style

Note:

Standard load rated top and bottom connections will be supplied unless otherwise specified.

For connection options, see Appendix A

Custom options available upon request

MODEL NUMBER	CAP (tons)	SPAN (ft.-in.)	MIN. HR (in.)	WT (lbs.)
J123xxx	6	3'	19"	34
J223xxx	6	4'	29"	51
J323xxx	6	6'	41"	71
J423xxx	6	8'	53"	92
J523xxx	6	10'	65"	112
J623xxx	6	12'	77"	133
J723xxx	6	14'	89"	153
J823xxx	6	16'	101"	174
J923xxx	12	3'	24"	66
J133xxx	12	4'	30"	81
J233xxx	12	6'	42"	111
J333xxx	12	8'	54"	141
J433xxx	12	10'	66"	171
J533xxx	12	12'	78"	201
J633xxx	12	14'	90"	231
J733xxx	12	16'	102"	261
J833xxx	12	18'	114"	290
J933xxx	12	20'	126"	320
J143xxx	20	3'	30"	129
J243xxx	20	4'	32"	136
J343xxx	20	6'	44"	177
J443xxx	20	8'	56"	219
J543xxx	20	10'	68"	260
J643xxx	20	12'	80"	302
J743xxx	20	14'	92"	344
J843xxx	20	16'	104"	385
J943xxx	20	18'	116"	427
J153xxx	20	20'	128"	468
J253xxx	20	22'	140"	510
J353xxx	20	24'	152"	551
J453xxx	20	25'	158"	572
J553xxx	35	5'	36"	216

SPREADER BEAMS

STANDARD SPREADER BEAM (MODEL J)

MODEL NUMBER	CAP (tons)	SPAN (ft.-in.)	MIN'. HR (in.)	WT (lbs.)
J653xxx	35	6'	46"	261
J753xxx	35	8'	58"	318
J853xxx	35	10'	70"	375
J953xxx	35	12'	82"	432
J163xxx	35	14'	94"	489
J263xxx	35	16'	106"	547
J363xxx	35	18'	118"	604
J463xxx	35	20'	130"	661
J563xxx	35	22'	142"	718
J663xxx	35	24'	154"	775
J763xxx	35	26'	166"	832
J863xxx	35	28'	178"	889
J963xxx	35	30'	190"	947
J173xxx	54	5'	40"	436
J273xxx	54	6'	49"	483
J373xxx	54	8'	61"	570
J473xxx	54	10'	73"	657
J573xxx	54	12'	85"	743
J673xxx	54	14'	97"	830
J773xxx	54	16'	109"	917
J873xxx	54	18'	121"	1004
J973xxx	54	20'	133"	1091
J183xxx	54	22'	145"	1177
J283xxx	54	24'	157"	1264
J383xxx	54	26'	169"	1351
J483xxx	54	28'	181"	1438
J583xxx	54	30'	193"	1524
J683xxx	54	32'	205"	1611
J783xxx	54	34'	217"	1698
J883xxx	77	6'	51"	621
J983xxx	77	8'	62"	739
J193xxx	77	10'	74"	867
J293xxx	77	12'	86"	996
J393xxx	77	14'	98"	1125
J493xxx	77	16'	110"	1253
J593xxx	77	18'	122"	1382
J693xxx	77	20'	134"	1510
J793xxx	77	22'	146"	1639
J893xxx	77	24'	158"	1768
J993xxx	77	26'	170"	1896
J113xxx	77	28'	182"	2025
J213xxx	77	30'	194"	2153
J313xxx	77	32'	206"	2282
J413xxx	77	34'	218"	2411
J513xxx	77	36'	230"	2539
J613xxx	77	38'	242"	2668
J713xxx	77	40'	254"	2796
J813xxx	121	7'	62"	1073
J913xxx	121	8'	65"	1117
J124xxx	121	10'	77"	1294
J224xxx	121	12'	89"	1471
J324xxx	121	14'	101"	1648
J424xxx	121	16'	113"	1825
J524xxx	121	18'	125"	2002
J624xxx	121	20'	137"	2179
J724xxx	121	22'	149"	2356

SPREADER BEAMS

STANDARD SPREADER BEAM (MODEL J)

MODEL NUMBER	CAP (tons)	SPAN (ft.-in.)	MIN'. HR (in.)	WT (lbs.)
J824xxx	121	24'	161"	2533
J924xxx	121	26'	173"	2710
J134xxx	121	28'	185"	2887
J234xxx	121	30'	197"	3064
J334xxx	121	32'	209"	3241
J434xxx	121	34'	221"	3418
J534xxx	121	36'	233"	3595
J634xxx	121	38'	245"	3772
J734xxx	121	40'	257"	3949
J834xxx	121	42'	269"	4126
J934xxx	121	44'	281"	4303
J144xxx	121	46'	293"	4480
J244xxx	121	48'	305"	4657
J344xxx	121	50'	317"	4834
J444xxx	121	52'	329"	5011
J544xxx	121	54'	341"	5188
J644xxx	121	56'	353"	5365
J744xxx	121	58'	365"	5542
J844xxx	165	7'	65"	1379
J944xxx	165	8'	66"	1397
J154xxx	165	10'	78"	1609
J254xxx	165	12'	90"	1821
J354xxx	165	14'	102"	2033
J454xxx	165	16'	114"	2246
J554xxx	165	18'	126"	2458
J654xxx	165	20'	138"	2670
J754xxx	165	22'	150"	2882
J854xxx	165	24'	162"	3094
J954xxx	165	26'	174"	3307
J164xxx	165	28'	186"	3519
J264xxx	165	30'	198"	3731
J364xxx	165	32'	210"	3943
J464xxx	165	34'	222"	4155
J564xxx	165	36'	234"	4368
J664xxx	165	38'	246"	4580
J764xxx	165	40'	258"	4792
J864xxx	165	42'	270"	5004
J964xxx	165	44'	282"	5216
J174xxx	165	46'	294"	5429
J274xxx	165	48'	306"	5641
J374xxx	165	50'	318"	5853
J474xxx	165	52'	330"	6065
J574xxx	275	9'	77"	2073
J674xxx	275	10'	83"	2204
J774xxx	275	12'	95"	2477
J874xxx	275	14'	107"	2750
J974xxx	275	16'	119"	3023
J184xxx	275	18'	131"	3296
J284xxx	275	20'	143"	3569
J384xxx	275	22'	155"	3842
J484xxx	275	24'	167"	4115
J584xxx	275	26'	179"	4388
J684xxx	275	28'	191"	4661
J784xxx	275	30'	203"	4934
J884xxx	275	32'	215"	5207
J984xxx	275	34'	227"	5480
J194xxx	275	36'	239"	5753

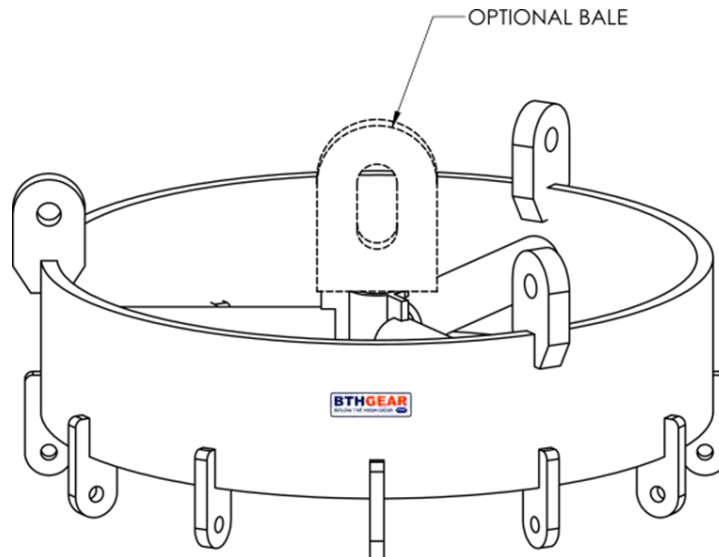
SPREADER BEAMS

STANDARD SPREADER BEAM (MODEL J)

MODEL NUMBER	CAP (tons)	SPAN (ft.-in.)	MIN'. HR (in.)	WT (lbs.)
J294xxx	275	38'	251"	6026
J394xxx	275	40'	263"	6299
J494xxx	275	42'	275"	6367
J594xxx	275	44'	287"	6845
J694xxx	275	46'	299"	7118
J794xxx	275	48'	311"	7391
J894xxx	275	50'	323"	7664
J994xxx	275	52'	335"	7937
J114xxx	275	54'	347"	8210
J214xxx	440	10'	95"	4047
J314xxx	440	12'	103"	4308
J414xxx	440	14'	115"	4726
J514xxx	440	16'	127"	5144
J614xxx	440	18'	139"	5561
J714xxx	440	20'	151"	5979
J814xxx	440	22'	163"	6397
J914xxx	440	24'	175"	6815
J125xxx	440	26'	187"	7233
J225xxx	440	28'	199"	7650
J325xxx	440	30'	211"	8068
J425xxx	440	32'	223"	8486
J525xxx	440	34'	235"	8904
J625xxx	440	36'	247"	9322
J725xxx	440	38'	259"	9739
J825xxx	440	40'	271"	10157
J925xxx	440	42'	283"	10575
J135xxx	440	44'	295"	10993
J235xxx	440	46'	307"	11411
J335xxx	440	48'	319"	11828
J435xxx	440	50'	331"	12246
J535xxx	440	52'	343"	12664
J635xxx	440	54'	355"	13082
J735xxx	440	56'	367"	13500

SPREADER BEAMS

COLLECTOR/SPREADER RING (MODEL K)



For connection options, see Appendix A
 Custom options available upon request

ORDER FORM

Capacity: _____ Pounds/Tons

Contact Information: _____

Span Diameter: _____ Feet/Inches

Name: _____

and Type of Top Connection: _____

Company: _____

and Type of Bottom Connection _____

Tel: _____

Fax: _____

Email: _____

Notes: _____

Contact Preference: ☐ Tel ☐ Fax ☐ Email

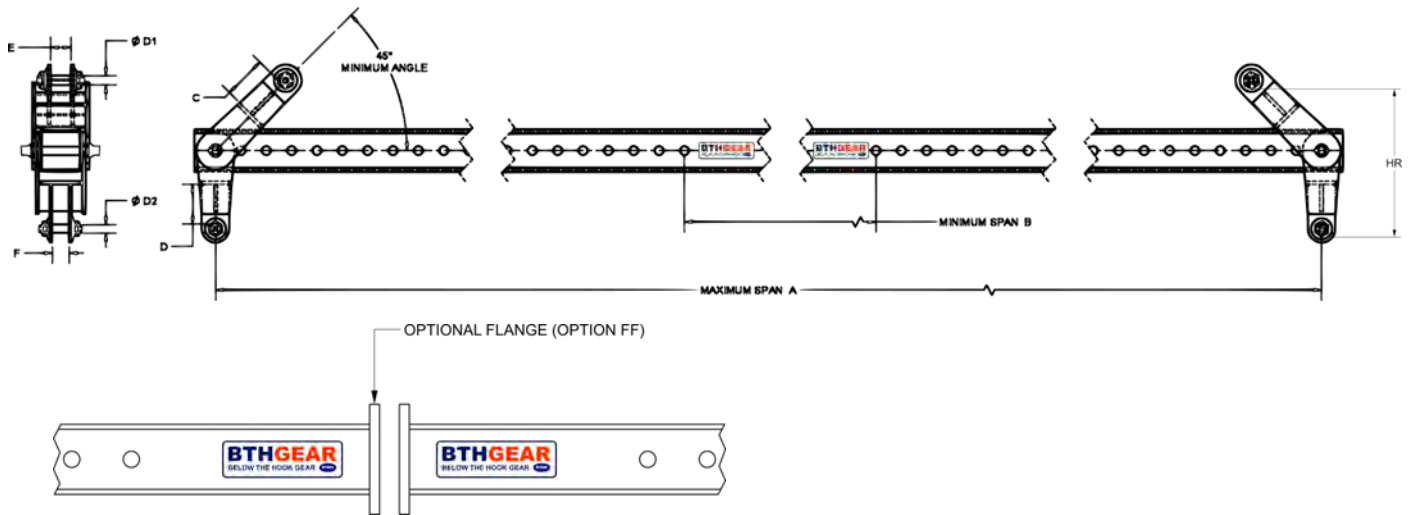
Attn: Custom Fabrication

Fax: (832) 581-2743

Email: info@bthgear.com

SPREADER BEAMS

ADJUSTABLE SWIVELING LUG SPREADER BEAM (MODEL ASL)



To Order:

1. Select **Model Number** from table below.
2. Select top connection style using **Connection Options**—see Appendix A
3. Select bottom connection style using **Connection Options**—see Appendix A

Example:

Model x123AB

A=top connection style

B=bottom connection style

Note:

Standard load rated top and bottom connections will be supplied unless otherwise specified.

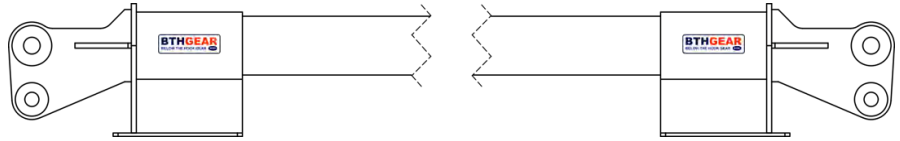
For connection options, see Appendix A

Custom options available upon request

MODEL NUMBER	CAP (tons)	MAX. SPAN (ft.)	WT (lbs.)
ASL123xxx	3	12'	195
ASL223xxx	6	18'	458
ASL323xxx	12	24'	795
ASL423xxx	20	28'	1172
ASL523xxx	35	28'	1495
ASL623xxx	54	32'	1600
ASL723xxx	54	40'	3053

SPREADER BEAMS

END CAP SYSTEM ADJUSTABLE SPREADER BEAM (MODEL ECS)



		MECS6T Pipe Insert Size – 3 inch Sch. 40 Wt. = 7.576 lb/ft Sch. 80 Wt. = 10.25 lb/ft A105B A53B				BTHGEAR BELOW THE HOOK GEAR 		
Spreader Span (ft - in)	Capacity at 45° Sling Angle (Tons)		Capacity at 60° Sling Angle (Tons)		Weight. Incl. shackles & Pipe (lbs.)		Length of Insert (ft - in)	
	SCH 40	SCH 80	SCH 40	SCH 80	SCH 40	SCH 80		
2' – 4" *	6	6	6	6	76	81	16"	
4'	6	6	6	6	91	102	36"	
6'	6	6	6	6	106	122	60"	
8'	6	6	6	6	121	143	84"	
10'	6	6	6	6	136	163	108"	
12'	6	6	6	6	152	184	132"	
14'	6	6	6	6	167	204	156"	
16' **	5	6	6	6	182	225	180"	
Note - Shaded Area indicates structural limit.								
Offset – 6.25 Span Adder per End Cap System = 12.5 inches Insert Length = Span – 12.5 inches * - Denotes Minimum Span				MEETS OR EXCEEDS ASME BTH-1 & ASME B30.20 WELDS PER AWS D14.1		Wt. per end cap - 30 lbs. Top Shackles 3/4" - 4.75t Bottom Shackles 5/8" - 3.25t		

		MECS12T Pipe Insert Size – 4 inch Sch. 40 Wt. = 10.79 lb/ft Sch. 80 Wt. = 14.98 lb/ft A105B A53B		 BELOW THE HOOK GEAR 			
Spreader Span (ft - in)	Capacity at 45° Sling Angle (Tons)		Capacity at 60° Sling Angle (Tons)		Weight Inc. Shackles & Pipe (lbs.)		Length of Insert (ft - in)
	SCH 40	SCH 80	SCH 40	SCH 80	SCH 40	SCH 80	
3' *	12	12	12	12	147	159	20"
4'	12	12	12	12	157	174	32"
6'	12	12	12	12	179	204	56"
8'	12	12	12	12	201	234	80"
10'	12	12	12	12	222	264	104"
12'	12	12	12	12	244	294	128"
14'	12	12	12	12	265	324	152"
16'	12	12	12	12	288	354	176"
18'	9	12	12	12	308	384	200"
20' **	7	9	12	12	330	414	224"
Note - Shaded Area indicates structural limit.							
Offset - 8 Span Adder per End Cap System = 16 inches Insert Length = Span – 16 inches * - Denotes Minimum Span				MEETS OR EXCEEDS ASME BTH-1 & ASME B30.20 WELDS PER AWS D14.1		Wt. per end cap - 50 lbs. Top Shackles 1" - 8.5t Bottom Shackles 7/8" - 6.5t	

SPREADER BEAMS

END CAP SYSTEM ADJUSTABLE SPREADER BEAM (MODEL ECS)

		MECS20T Pipe Insert Size – 5 inch Sch. 40 Wt. = 14.62 lb/ft Sch. 80 Wt. = 20.78 lb/ft A105B A53B					
Spreader Span (ft - in)	Capacity at 45° Sling Angle (Tons)		Capacity at 60° Sling Angle (Tons)		Weight Inc. Shackles & Pipe (lbs.)		Length of Insert (ft - in)
	SCH 40	SCH 80	SCH 40	SCH 80	SCH 40	SCH 80	
3' – 8.25" *	20	20	20	20	258	271	24"
4'	20	20	20	20	288	312	28"
6'	20	20	20	20	317	354	52"
8'	20	20	20	20	346	396	76"
10'	20	20	20	20	376	437	100"
12'	20	20	20	20	405	479	124"
14'	20	20	20	20	434	521	148"
16'	20	20	20	20	464	562	172"
18'	20	20	20	20	493	604	196"
20'	16	20	20	20	522	646	220"
22'	13	17	20	20	551	687	244"
24'	10	13	17	20	581	729	268"
25' **	9	12	15	20	602	750	280"
Note - Shaded Area indicates structural limit.							
Offset – 10.125 Span Adder per End Cap System = 20.25 inches Insert Length = Span – 20.25 inches * - Denotes Minimum Span ** - Denotes Maximum Span				MEETS OR EXCEEDS ASME BTH-1 & ASME B30.20 WELDS PER AWS D14.1		Wt. per end cap - 95 lbs. Top Shackles 1-3/8" - 13.25t Bottom Shackles 1-1/4" - 12t	

		MECS35T Pipe Insert Size – 6 inch Sch. 40 Wt. = 18.97 lb/ft Sch. 80 Wt. = 28.57 lb/ft A105B A53B				BTHGEAR BELOW THE HOOK GEAR 	
Spreader Span (ft - in)	Capacity at 45° Sling Angle (Tons)		Capacity at 60° Sling Angle (Tons)		Weight. Incl. shackles & Pipe (lbs.)		Length of Insert (ft - in)
	SCH 40	SCH 80	SCH 40	SCH 80	SCH 40	SCH 80	
4' – 5.25" *	35	35	35	35	446	472	28"
6'	35	35	35	35	508	566	47"
8'	35	35	35	35	546	623	71"
10'	35	35	35	35	584	680	95"
12'	35	35	35	35	622	738	119"
14'	35	35	35	35	660	795	143"
16'	35	35	35	35	698	852	167"
18'	35	35	35	35	736	909	191"
20'	30	35	35	35	774	967	215"
22'	25	35	35	35	812	1024	239"
24'	20	29	35	35	850	1081	263"
26'	16	23	28	35	888	1139	287"
28'	13	19	23	32	926	1196	311"
30' **	10	15	18	26	964	1253	335"
Note - Shaded Area indicates structural limit.							
Offset – 12.625 Span Adder per End Cap System = 25.25 inches Insert Length = Span – 25.25 inches * - Denotes Minimum Span ** - Denotes Maximum Span				MEETS OR EXCEEDS ASME BTH-1 & ASME B30.20 WELDS PER AWS D14.1		Wt. per end cap - 180 lbs. Top Shackles 1-3/4" - 25t Bottom Shackles 1-1/2" - 17t	

SPREADER BEAMS

END CAP SYSTEM ADJUSTABLE SPREADER BEAM (MODEL ECS)

		MECS54T Pipe Insert Size – 8 inch Sch. 40 Wt. = 28.55 lb/ft Sch. 80 Wt. = 43.39 lb/ft A105B A53B					
Spreader Span (ft - in)	Capacity at 45° Sling Angle (Tons)		Capacity at 60° Sling Angle (Tons)		Weight. Incl. shackles & Pipe (lbs.)		Length of Insert (ft - in)
	SCH 40	SCH 80	SCH 40	SCH 80	SCH 40	SCH 80	
4' – 5.25" *	54	54	54	54	806	850	28"
6'	54	54	54	54	891	980	41"
8'	54	54	54	54	949	1067	65"
10'	54	54	54	54	1006	1154	89"
12'	54	54	54	54	1063	1240	113"
14'	54	54	54	54	1120	1327	137"
16'	54	54	54	54	1177	1415	161"
18'	54	54	54	54	1234	1500	185"
20'	54	54	54	54	1291	1587	209"
22'	54	54	54	54	1348	1674	233"
24'	49	54	54	54	1405	1761	257"
26'	43	54	54	54	1462	1847	281"
28'	37	54	54	54	1519	1934	305"
30'	31	45	54	54	1579	2021	329"
32'	26	38	46	54	1633	2107	353"
34'	22	32	38	54	1690	2194	377"
36'	18	26	32	45	1747	2281	401"
38' **	15	22	27	38	1804	2367	425"
Note					- Shaded Area indicates structural limit.		
Offset – 15.75 Span Adder per End Cap System = 31.5 inches Insert Length = Span – 31.5 inches * - Denotes Minimum Span ** - Denotes Maximum Span					MEETS OR EXCEEDS ASME BTH-1 & ASME B30.20 WELDS PER AWS D14.1		Wt. per end cap - 300 lbs. Top Shackles 2" - 35t Bottom Shackles 1-3/4" - 25t

		MECS77T Pipe Insert Size – 10 inch Sch. 40 Wt. = 40.48 lb/ft Sch. 80 Wt. = 64.33 lb/ft A105B A53B					
Spreader Span (ft - in)	Capacity at 45° Sling Angle (Tons)		Capacity at 60° Sling Angle (Tons)		Weight. Incl. shackles & Pipe (lbs.)		Length of Insert (ft - in)
	SCH 40	SCH 80	SCH 40	SCH 80	SCH 40	SCH 80	
6' – 2.5" *	77	77	77	77	1136	1216	40"
8'	77	77	77	77	1325	1515	62"
10'	77	77	77	77	1405	1644	86"
12'	77	77	77	77	1486	1772	110"
14'	77	77	77	77	1567	1901	134"
16'	77	77	77	77	1648	2029	158"
18'	77	77	77	77	1729	2158	182"
20'	77	77	77	77	1810	2286	206"
22'	77	77	77	77	1891	2415	230"
24'	77	77	77	77	1972	2543	254"
26'	77	77	77	77	2052	2672	278"
28'	75	77	77	77	2133	2800	302"
30'	66	77	77	77	2214	2929	326"
32'	58	77	77	77	2295	3057	350"
34'	51	77	77	77	2376	3186	374"
36'	45	67	77	77	2457	3314	398"
38'	39	58	67	77	2538	3443	422"
40'	33	50	57	77	2619	3571	446"
42'	28	42	49	72	2700	3700	470"
44'	24	36	42	63	2780	3828	494"
46'	21	31	36	54	2861	3957	518"
48' **	18	26	31	46	2942	4085	542"
Note Offset – 17.25 inches Span Adder per End Cap System = 34.5 inches Insert Length = Span – 34.5 inches * - Denotes Minimum Span				- Shaded Area indicates structural limit. MEETS OR EXCEEDS ASME BTH-1 & ASME B30.20 WELDS PER AWS D14.1		Wt. per end cap - 430 lbs. Top Shackles 2-1/2" - 55t Bottom Shackles 2" - 35t	

SPREADER BEAMS

END CAP SYSTEM ADJUSTABLE SPREADER BEAM (MODEL ECS)

		MECS121T Pipe Insert Size – 12 inch Sch. 40 Wt. = 53.53 lb/ft Sch. 80 Wt. = 88.51 lb/ft A105B A53B				 BELOW THE HOOK GEAR	
Spreader Span (ft - in)	Capacity at 45° Sling Angle (Tons)		Capacity at 60° Sling Angle (Tons)		Weight, Incl. shackles & Pipe (lbs.)		Length of Insert (ft - in)
	SCH 40	SCH 80	SCH 40	SCH 80	SCH 40	SCH 80	
7' – 6"*	121	121	121	121	1944	2084	48"
8'	121	121	121	121	2158	2438	54"
10'	121	121	121	121	2265	2616	78"
12'	121	121	121	121	2372	2793	102"
14'	121	121	121	121	2480	2971	126"
16'	121	121	121	121	2587	3148	150"
18'	121	121	121	121	2964	3326	174"
20'	121	121	121	121	2802	3503	198"
22'	121	121	121	121	2909	3681	222"
24'	121	121	121	121	3016	3858	246"
26'	121	121	121	121	3124	4035	270"
28'	118	121	121	121	3231	4213	294"
30'	110	121	121	121	3338	4390	318"
32'	100	121	121	121	3446	4568	342"
34'	90	121	121	121	3553	4745	366"
36'	81	121	121	121	3660	4923	390"
38'	73	115	121	121	3767	5100	414"
40'	66	103	113	121	3875	5278	438"
42'	58	90	100	121	3982	5455	462"
44'	51	79	88	121	4089	5633	486"
46'	45	69	77	121	4197	5810	510"
48'	39	60	67	105	4304	5987	534"
50'	34	52	59	90	4411	6165	558"
52'	29	45	51	78	4519	6342	582"
54'	25	39	44	67	4626	6520	606"
56'	22	33	38	58	4733	6697	630"
58' **	19	29	33	50	4841	6875	654"
Note - Shaded Area indicates structural limit. Offset – 21 inches Span Adder per End Cap System = 34.5 inches Insert Length = Span – 34.5 inches * - Denotes Minimum Span MEETS OR EXCEEDS ASME BTH-1 & ASME B30.20 WELDS PER AWS D14.1 Wt. per end cap - 630 lbs. Top Shackles 2-1/2" - 85t Bottom Shackles 2" - 55t							

		MECS165T Pipe Insert Size – 14 inch Sch. 40 Wt. = 63.67 lb/ft Sch. 80 Wt. = 106.1 lb/ft A105B A53B				 BELOW THE HOOK GEAR	
Spreader Span (ft - in)	Capacity at 45° Sling Angle (Tons)		Capacity at 60° Sling Angle (Tons)		Weight, Incl. shackles & Pipe (lbs.)		Length of Insert (ft - in)
	SCH 40	SCH 80	SCH 40	SCH 80	SCH 40	SCH 80	
7' – 10"*	165	165	165	165	2827	3013	52"
8'	165	165	165	165	3060	3403	54"
10'	165	165	165	165	3187	3616	78"
12'	165	165	165	165	3313	3829	102"
14'	165	165	165	165	3440	4042	126"
16'	165	165	165	165	3567	4254	150"
18'	165	165	165	165	3694	4467	174"
20'	165	165	165	165	3821	4680	198"
22'	165	165	165	165	3948	4893	222"
24'	165	165	165	165	4075	5106	246"
26'	158	165	165	165	4202	5318	270"
28'	150	165	165	165	4329	5531	294"
30'	141	165	165	165	4456	5744	318"
32'	131	165	165	165	4583	5957	342"
34'	121	165	165	165	4710	6169	366"
36'	111	165	165	165	4836	6382	390"
38'	101	162	165	165	4963	6595	414"
40'	91	146	158	165	5090	6808	438"
42'	82	130	142	165	5217	7021	462"
44'	73	117	127	165	5344	7233	486"
46'	65	103	113	165	5471	7466	510"
48'	58	91	100	158	5598	7659	534"
50'	51	80	89	139	5725	7872	558"
52' **	45	70	78	122	5852	8085	582"
Note - Shaded Area indicates structural limit. Offset – 84 inches Span Adder per End Cap System = 42 inches Insert Length = Span – 42 inches * - Denotes Minimum Span MEETS OR EXCEEDS ASME BTH-1 & ASME B30.20 WELDS PER AWS D14.1 Wt. per end cap - 990 lbs. Top Shackles 3" - 120t Bottom Shackles 2-1/2" - 85t							

SPREADER BEAMS

END CAP SYSTEM ADJUSTABLE SPREADER BEAM (MODEL ECS)

		MECS275T					
		Pipe Insert Size – 16 inch					
		Sch. 40 Wt. = 82.77 lb/ft Sch. 80 Wt. = 136.5 lb/ft					
		A105B	A53B				
Spreader Span (ft - in)	Capacity at 45° Sling Angle (Tons)		Capacity at 60° Sling Angle (Tons)		Weight, Incl. shackles & Pipe (lbs.)		Length of Insert (ft - in)
	SCH 40	SCH 80	SCH 40	SCH 80	SCH 40	SCH 80	
9' - 1/2" *	274	275	275	275	4406	4665	58"
10'	270	275	275	275	4833	5369	69.5"
12'	266	275	275	275	4998	5642	93.5"
14'	260	275	275	275	5164	5914	117.5"
16'	256	275	275	275	5329	6187	141.5"
18'	251	275	275	275	5494	6460	165.5"
20'	245	275	275	275	5660	6732	189.5"
22'	240	275	275	275	5825	7005	213.5"
24'	232	275	275	275	5990	7278	237.5"
26'	224	275	275	275	6156	7550	261.5"
28'	214	275	275	275	6321	7823	285.5"
30'	204	275	275	275	6487	8069	309.5"
32'	194	275	275	275	6652	8368	333.5"
34'	184	275	275	275	6817	8641	357.5"
36'	172	275	275	275	6983	8914	381.5"
38'	160	258	275	275	7148	9186	405.5"
40'	148	238	258	275	7313	9459	429.5"
42'	136	218	238	275	7479	9731	435.5"
44'	125	200	218	275	7644	10004	477.5"
46'	115	181	198	275	7809	10277	501.5"
48'	104	164	180	275	7975	10549	525.5"
50'	94	148	163	256	8140	10822	549.5"
52'	65	133	147	230	8306	11095	573.5"
54' **	76	118	132	206	8471	11367	597.5"
Note							
Offset – 101 inches				- Shaded Area indicates structural limit.			
Span Adder per End Cap System = 50.5 inches Insert Length = Span – 50.5 inches				MEETS OR EXCEEDS			
* - Denotes Minimum Span				ASME BTH-1 & ASME B30.20 WELDS PER AWS D14.1			
				Wt. per end cap - Top Shackles 4" - 150t Bottom Shackles - 125t			

		MECS440T Pipe Insert Size – 20 inch Sch. 40 Wt. = 82.77 lb/ft Sch. 80 Wt. = 136.5 lb/ft		BTHGEAR BELOW THE HOOK GEAR 			
		A105B	A53B				
Spreader Span (ft - in)	Capacity at 45° Sling Angle (Tons)		Capacity at 60° Sling Angle (Tons)		Weight, Incl. shackles & Pipe (lbs.)		Length of Insert (ft - in)
	SCH 40	SCH 80	SCH 40	SCH 80	SCH 40	SCH 80	
10'-9" *	398	440	440	440	8166	8667	70"
12'	392	440	440	440	8923	9954	85"
14'	386	440	440	440	9169	10371	109"
16'	382	440	440	440	9414	10788	133"
18'	378	440	440	440	9660	11206	157"
20'	372	440	440	440	9906	11623	181"
22'	366	440	440	440	10151	12040	205"
24'	358	440	440	440	10397	12458	229"
26'	350	440	440	440	10642	12875	253"
28'	340	440	440	440	10888	13292	277"
30'	330	440	440	440	11133	13710	301"
32'	320	440	440	440	11379	14127	325"
34'	309	440	440	440	11625	14544	349"
36'	296	440	440	440	11870	14961	373"
38'	284	440	440	440	12166	15379	397"
40'	270	440	440	440	12361	15796	421"
42'	256	424	440	440	12607	16213	445"
44'	242	400	418	440	12852	16631	469"
46'	228	374	394	440	13098	17048	493"
48'	212	348	368	440	13343	17465	517"
50'	198	324	342	440	13589	17883	541"
52'	184	300	318	440	13835	18300	565"
54'	170	276	294	440	14080	18717	589"
56' **	156	254	270	440	14326	19134	613"
Note Offset – 0.51 m Span Adder per End Cap System = 1.50 m Insert Length = Span – 1.50 m * - Denotes Minimum Span				- Shaded Area indicates structural limit.			
				MEETS OR EXCEEDS ASME BTH-1 & ASME B30.20 WELDS PER AWS D14.1		Top Shackles - 300t Bottom Shackles - 200t	

SPREADER BEAMS

END CAP SYSTEM ADJUSTABLE SPREADER BEAM (MODEL ECS)

MECS660T
Pipe Insert Size – 24 inch
Sch. 40 Wt. = 171.2 lb./ft
Sch. 80 Wt. = 296.4 lb./ft
A105B A53B

BTHGEAR
BELOW THE HOOK GEAR **MYERS**

Spreader Span (ft - in)	Capacity at 45° Sling Angle (Tons)		Capacity at 60° Sling Angle (Tons)		Weight, Incl. shackles & Pipe (lbs.)		Length of Insert (ft - in)
	SCH 40	SCH 80	SCH 40	SCH 80	SCH 40	SCH 80	
13'	660	660	660	660	12470	14103	88"
14'	660	660	660	660	12641	14399	100"
16'	652	660	660	660	12984	14993	124"
18'	644	660	660	660	13327	15588	148"
20'	636	660	660	660	13670	16182	172"
22'	627	660	660	660	14012	16776	196"
24'	617	660	660	660	14355	17370	220"
26'	606	660	660	660	14698	17964	244"
28'	595	660	660	660	15041	18559	268"
30'	583	660	660	660	15384	19153	292"
32'	570	660	660	660	15727	19747	316"
34'	555	660	660	660	16070	20341	340"
36'	540	660	660	660	16413	20935	364"
38'	524	660	660	660	16756	21529	388"
40'	507	660	660	660	17099	22124	412"
42'	489	660	660	660	17442	22718	436"
44'	470	660	660	660	17785	23312	460"
46'	451	660	660	660	18128	23906	484"
48'	431	660	625	660	18471	24500	508"
50'	410	660	595	660	18814	25095	532"
52'	389	660	565	660	19157	25689	556"
54'	367	616	534	660	19500	26283	580"
56'	346	579	503	660	19843	26877	604"
58'	325	542	472	660	20186	27471	628"
60'	304	505	442	660	20529	28065	652"
62'	284	470	412	660	20872	28660	676"
64'	264	436	384	633	21214	29254	700"
66'	245	404	356	587	21557	29848	724"
68'	227	372	330	540	21900	30442	748"
70'	209	343	304	498	22243	31036	772"
72'	193	314	281	457	22586	31631	796"
74'	178	288	258	418	22929	32225	820"
76'	163	263	236	382	23272	32819	844"
78'	149	239	216	348	23615	33413	868"
80'	136	217	197	315	23958	34007	892"
82'	123	196	179	284	24301	34601	916"
84'	111	176	162	256	24644	35196	940"
86'	100	158	146	230	24987	35790	964"
88'	90	141	131	204	25330	36384	988"
90'	81	125	117	181	25673	36978	1012"
92'	71	110	104	159	26016	37572	1036"
94'	63	96	92	139	26359	38166	1060"
96'	55	83	80	121	26702	38761	1084"

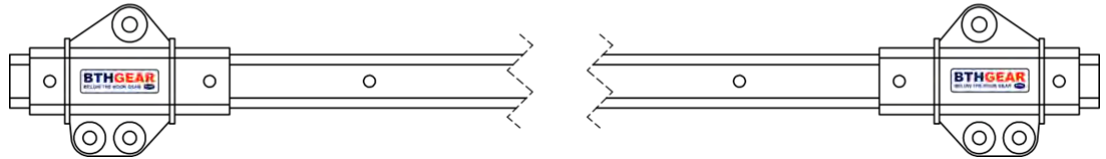
Note

Shaded Area indicates structural limit.

MEETS OR EXCEEDS
ASME BTH-1 & ASME B30.20
WELDS PER AWS D14.1

SPREADER BEAMS

ADJUSTABLE SLIDING LUG SPREADER BEAM (MODEL SL)



To Order:

1. Select **Model Number** from table below.
2. Select top connection style using **Connection Options**—see Appendix A
3. Select bottom connection style using **Connection Options**—see Appendix A

Example:

Model x123AB

A=top connection style

B=bottom connection style

Note:

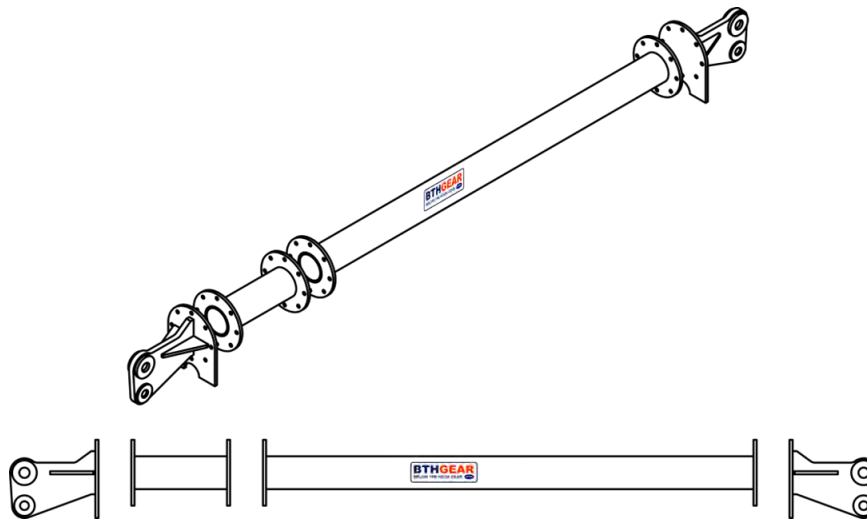
Standard load rated top and bottom connections will be supplied unless otherwise specified.

For connection options, see Appendix A

Custom options available upon request

MODEL NUMBER	CAP (tons)	MAX. SPAN (ft.)	WT (lbs.)
SL123xxx	2	10'	105
SL223xxx	5	11'	200
SL323xxx	10	12'	251
SL423xxx	20	11'	456
SL523xxx	30	11'	593
SL623xxx	50	10'	967

MODULAR SPREADER BEAM (MODEL MSB)



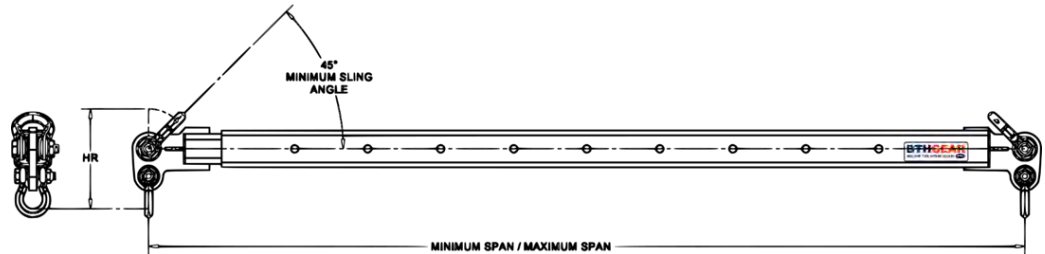
STANDARD MODELS COMING SOON

FOR FURTHER INFORMATION OR ORDER ASSISTANCE , PLEASE CONTACT OUR SALES TEAM @ 832-581-2743

MODEL NUMBER	CAP (tons)	MAX. SPAN (ft.)	WT (lbs.)
MSB123xxx	For more information please call or email our sales team at 832-581-2743 / info@bthgear.com		
MSB223xxx			
MSB323xxx			
MSB423xxx			
MSB523xxx			
MSB623xxx			

SPREADER BEAMS

TELESCOPING SPREADER BEAM (MODEL N)



To Order:

1. Select **Model Number** from table below.
2. Select top connection style using **Connection Options**—see Appendix A
3. Select bottom connection style using **Connection Options**—see Appendix A

For connection options, see Appendix A

Custom options available upon request

Example:

Model x123AB

A=top connection style

B=bottom connection style

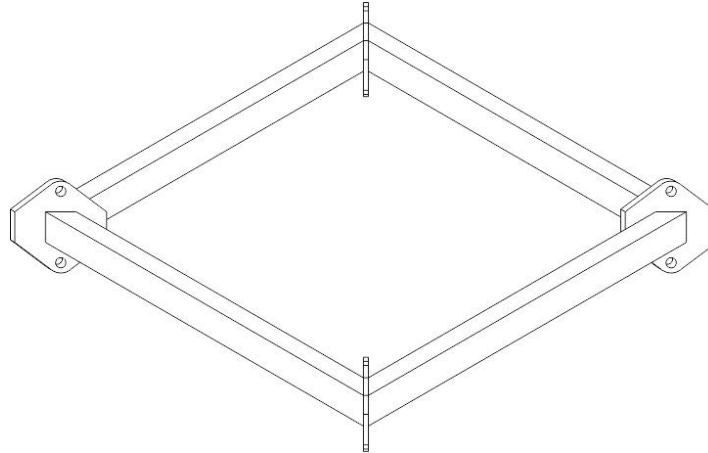
Note:

Standard load rated top and bottom connections will be supplied unless otherwise specified.

MODEL NUMBER	CAP (tons)	MAX. SPAN (ft.)	MIN. SPAN (ft.)	MIN. HR (in.)	WT (lbs.)
N123xxx	2	6'	4'	48"	70
N223xxx	2	10'	6'	72"	90
N323xxx	2	14'	8'	96"	180
N423xxx	2	20'	12'	132"	250
N523xxx	5	6'	4'	55"	110
N623xxx	5	10'	6'	79"	160
N723xxx	5	14'	8'	102"	210
N823xxx	5	20'	12'	138"	670
N923xxx	10	6'	4'	60"	100
N133xxx	10	10'	6'	74"	180
N233xxx	10	14'	8'	108"	460
N333xxx	10	20'	12'	144"	680
N433xxx	15	6'	4'	64"	170
N533xxx	15	10'	6'	87"	370
N633xxx	15	14'	8'	111"	480
N733xxx	15	20'	12'	147"	700
N833xxx	20	11'	7'	93"	430
N933xxx	20	15'	9'	123"	540
N143xxx	20	20'	12'	151"	820
N243xxx	25	11'	7'	98"	430
N343xxx	25	15'	9'	119"	540
N443xxx	25	20'	12'	149"	830
N543xxx	30	11'	7'	102"	620
N643xxx	30	15'	9'	124"	750
N743xxx	30	20'	12'	154"	1070
N843xxx	40	11'	7'	105"	620
N943xxx	40	15'	9'	127"	840
N153xxx	40	20'	12'	154"	1500
N253xxx	50	14'	9'	TBD	780
N353xxx	50	16'	10'	TBD	920
N453xxx	50	20'	12'	TBD	1060
N553xxx	50	30'	18'	TBD	1800
N653xxx	50	40'	23'	TBD	2270

SPREADER BEAMS

LIFTING FRAME BEAM (MODEL LF)



For connection options, see Appendix A
 Custom options available upon request

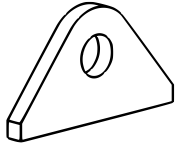
Custom Built to Your Specifications
For Additional Information And Order Assistance
Contact Our Sales Team @ 832-581-2743

ORDER FORM

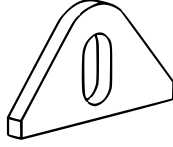
Width: _____	Feet/Inches	Contact Information: _____	
Length: _____	Feet/Inches	Name: _____	
Capacity: _____	Pounds	Company: _____	
		Tel: _____	
		Fax: _____	
		Email: _____	
Notes: _____		Contact Preference: ☐ Tel ☐ Fax ☐ Email	
_____		Attn: Custom Fabrication	
_____		Fax: (832) 581-2743	
_____		Email: info@bthgear.com	

APPENDIX A

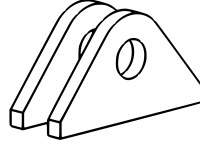
CONNECTION OPTIONS



OPTION A
Shackle



OPTION B
Bale



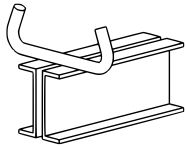
OPTION C
Clevis



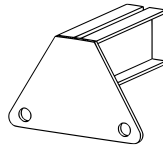
OPTION D
Swivel Hook



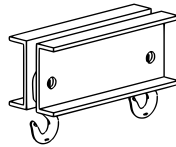
OPTION E
Non-Swivel Hook



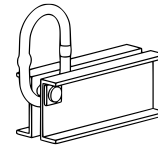
OPTION F
Twin Horns



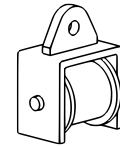
OPTION G
Twin Lug



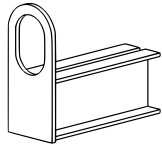
OPTION H
Multiple Hooks



OPTION I
High Link



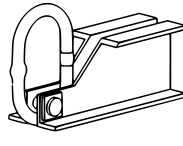
OPTION J
Roller



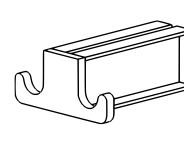
OPTION K
Twin Bale



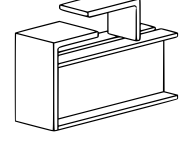
OPTION L
Extended Hook



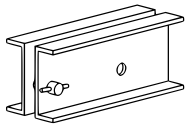
OPTION M
Low Link



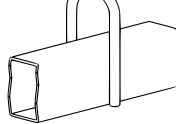
OPTION N
Twin Hook



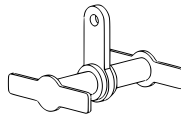
OPTION O
Bag Lock



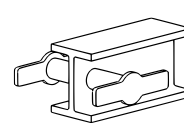
OPTION P
Pins



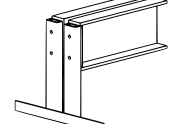
OPTION Q
Hoop



OPTION R
Trunnion Link



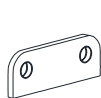
OPTION S
Trunnion Beam



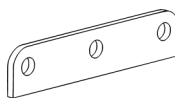
OPTION T
Foot/Stand



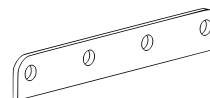
***OPTION X1**
1 Hole Shackle



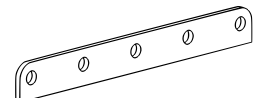
***OPTION X2**
2 Hole Shackle



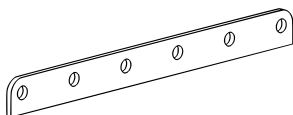
***OPTION X3**
3 Hole Shackle



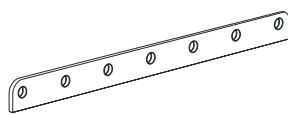
***OPTION X4**
4 Hole Shackle



***OPTION X5**
5 Hole Shackle



***OPTION X6**
6 Hole Shackle



***OPTION X7**
7 Hole Shackle



***OPTION X8**
Full Length Shackle



***OPTION X9**
Custom Shackle

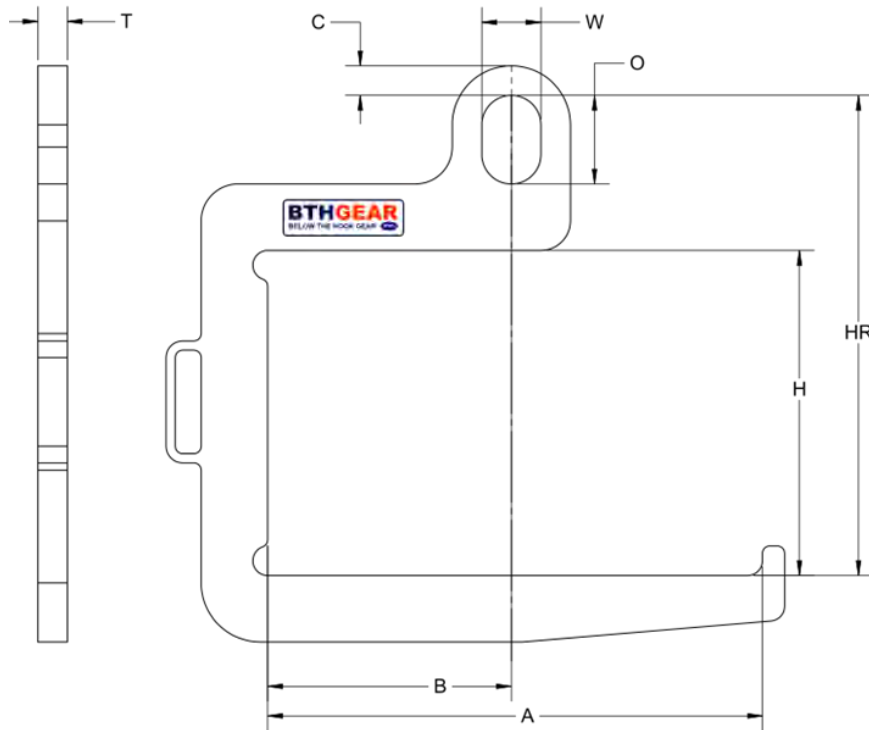
*Denotes use for both Top and Bottom connections

For Additional Information And Order Assistance

Contact Our Sales Team @ 832-581-2743

MATERIAL HANDLING

COIL LIFTER (MODEL P)



ORDER FORM

Height (H): _____ Inches

Capacity: _____ Pounds

Notes: _____

Contact Information: _____

Name: _____

Company: _____

Tel: _____

Fax: _____

Email: _____

Contact Preference: ☐ Tel ☐ Fax ☐ Email

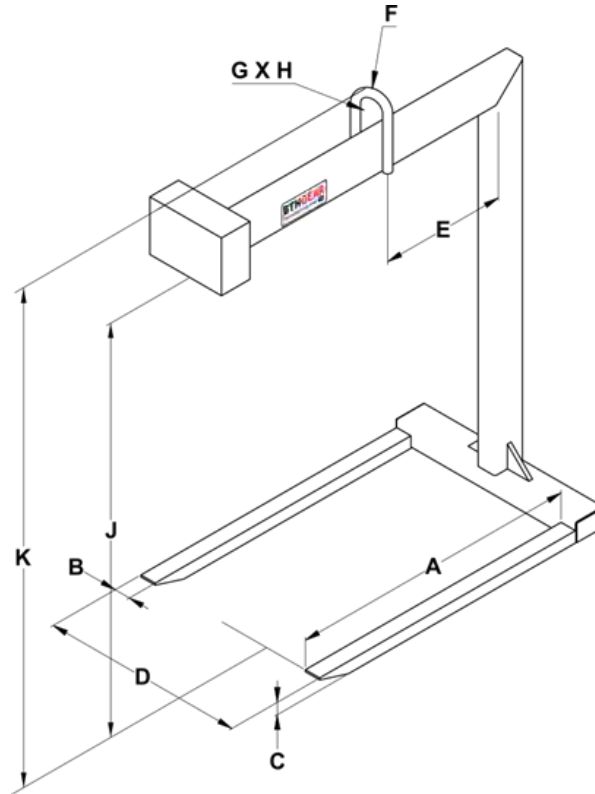
Attn: Custom Fabrication

Fax: (832) 581-2743

Email: info@bthgear.com

MATERIAL HANDLING

STANDARD PALLET LIFTER (MODEL Q)



ORDER FORM

Fork Length (A): _____ Inches

Fork Width (D): _____ Inches

Height (J): _____ Inches

Capacity: _____ Pounds

Notes: _____

Contact Information:

Name: _____

Company: _____

Tel: _____

Fax: _____

Email: _____

Contact Preference: ☐ Tel ☐ Fax ☐ Email

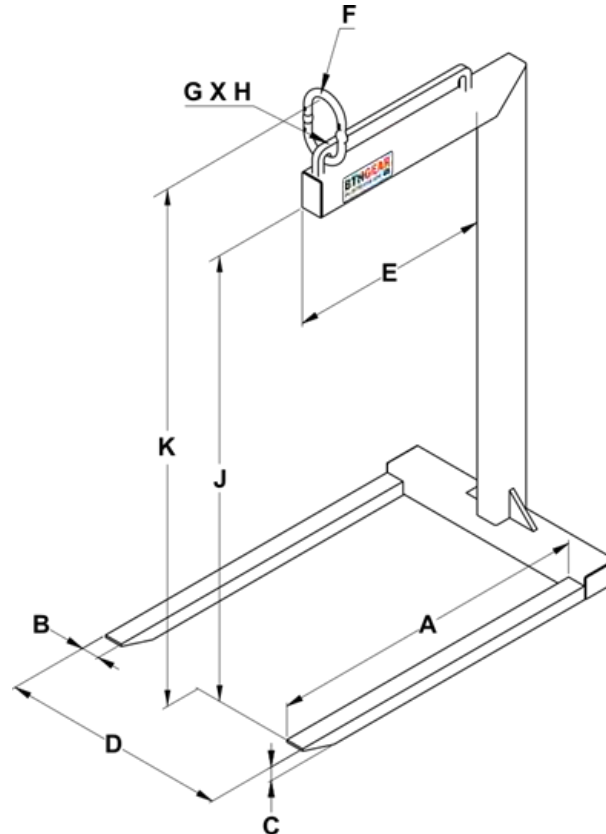
Attn: Custom Fabrication

Fax: (832) 581-2743

Email: info@bthgear.com

MATERIAL HANDLING

LIGHTWEIGHT PALLET LIFTER (MODEL R)



ORDER FORM

Fork Length (A): _____ Inches

Fork Width (D): _____ Inches

Height (J): _____ Inches

Capacity: _____ Pounds

Notes: _____

Contact Information: _____

Name: _____

Company: _____

Tel: _____

Fax: _____

Email: _____

Contact Preference: ☐ Tel ☐ Fax ☐ Email

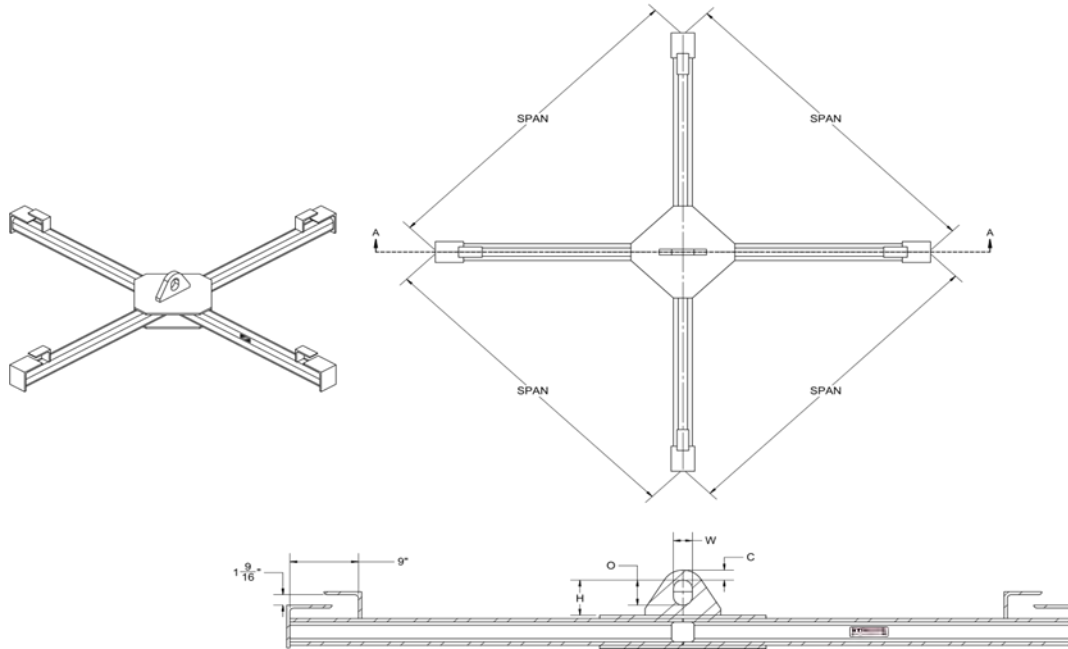
Attn: Custom Fabrication

Fax: (832) 581-2743

Email: info@bthgear.com

MATERIAL HANDLING

BAG LIFTER (MODEL S)



To Order:

1. Select **Model Number** from table below.
2. Select top connection style using **Connection Options**—see Appendix A
3. Select bottom connection style using **Connection Options**—see Appendix A

Example:

Model x123AB

A=top connection style

B=bottom connection style

Note:

Standard load rated top and bottom connections will be supplied unless otherwise specified.

For connection options, see Appendix A

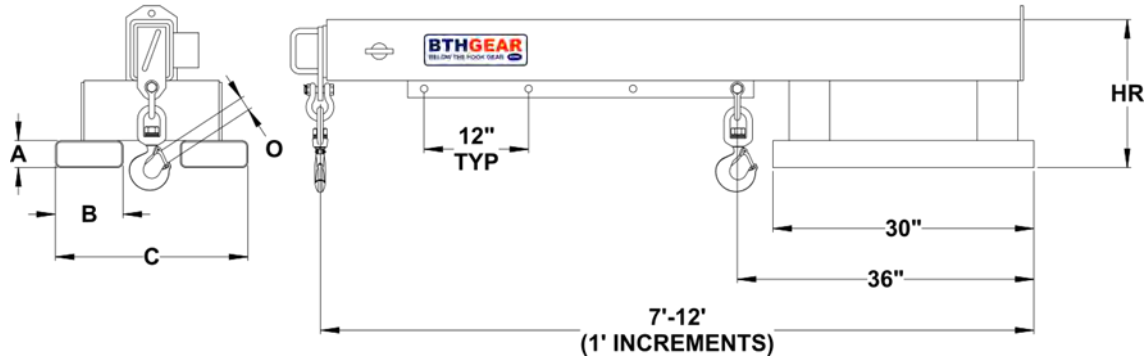
Custom options available upon request

ORDER FORM

Span: _____		Feet/Inches	Contact Information:	
Capacity: _____		Pounds	Name: _____	
Notes: _____ _____ _____ _____			Company: _____	
			Tel: _____	
			Fax: _____	
			Email: _____	
			Contact Preference: ☐ Tel ☐ Fax ☐ Email	
			Attn: Custom Fabrication	
			Fax: (832) 581-2743	
			Email: info@bthgear.com	

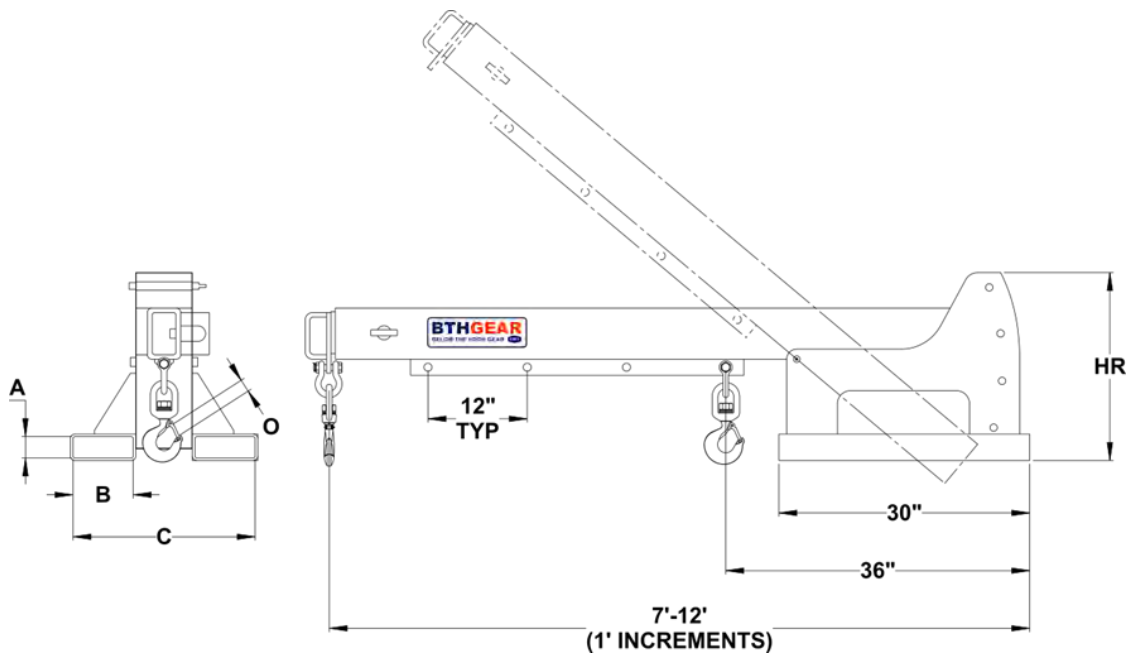
MATERIAL HANDLING

TELESCOPING FORKLIFT BOOM (MODEL T)



Model Number	A (in.)	B (in.)	C (in.)	O (in.)	Capacity at Hook Position (lbs.)							WT (lbs.)
					3'-6'	7'	8'	9'	10'	11'	12'	
T123xxx	2.5	7.5	22	1	3000	3000	2600	2200	1900	1600	1500	340
T223xxx	2.5	7.5	22	1.09	4000	3200	2600	2200	1900	1600	1500	340
T323xxx	2.5	7.5	22	1.36	6000	5000	4200	3500	3000	2700	2500	390
T423xxx	2.5	7.5	22	1.61	8000	7000	5700	4800	4100	3600	3100	520

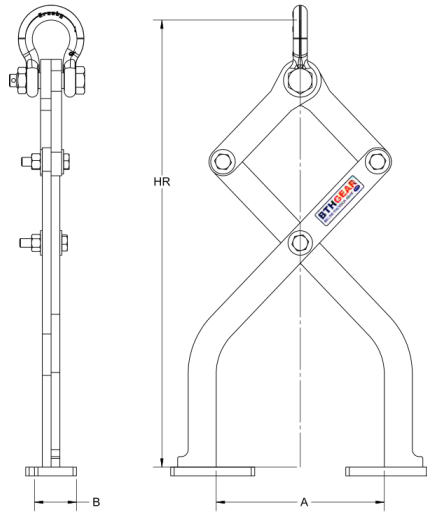
PIVOTING FORKLIFT BOOM (MODEL U)



Model Number	A (in.)	B (in.)	C (in.)	O (in.)	Capacity at Hook Position (lbs.)							WT (lbs.)
					3'-6'	7'	8'	9'	10'	11'	12'	
U123xxx	2.5	7.5	22.5	1	3000	3000	2600	2200	1900	1600	1500	340
U223xxx	2.5	7.5	22.5	1.09	4000	3200	2600	2200	1900	1600	1500	340
U323xxx	2.5	7.5	22.5	1.36	6000	5000	4200	3500	3000	2700	2500	390
U423xxx	2.5	7.5	22.5	1.61	8000	7000	5700	4800	4100	3600	3100	520

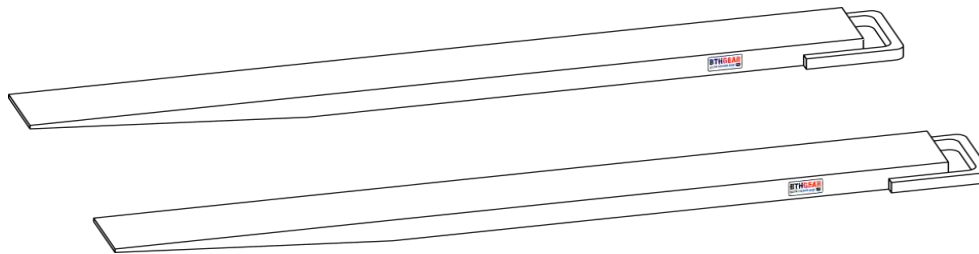
MATERIAL HANDLING

VERTICAL LIFTING CLAMP (MODEL VLC)



Custom Built to Your Specifications
For Additional Information And Order Assistance
Contact Our Sales Team @ 832-581-2743

FORK EXTENSIONS (MODEL FE)



Model Number	Fork Width (in)	Extension Length (in)	Max Load Center w/ Extension (in)	**Capacity @ Max Load Center
FE123	4	60	30	3,348
FE223		72	36	2,388
FE323		84	42	1,428
FE423		96	48	468
FE523	5	60	30	3,348
FE623		72	36	2,388
FE723		84	42	1,428
FE823		96	48	468
FE923	6	60	36	2,388
FE124		84	42	1,428
FE224		96	48	468

**Capacity @ Max Load Center is based on 5000lbs assuming a standard 19.68" Load Center for a <11,000lb Forklift.

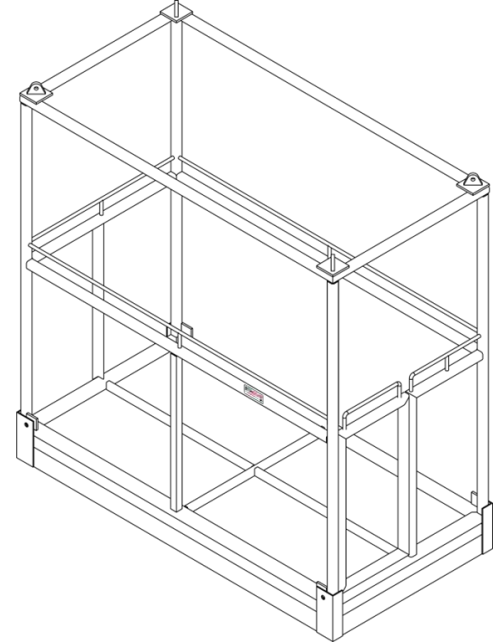
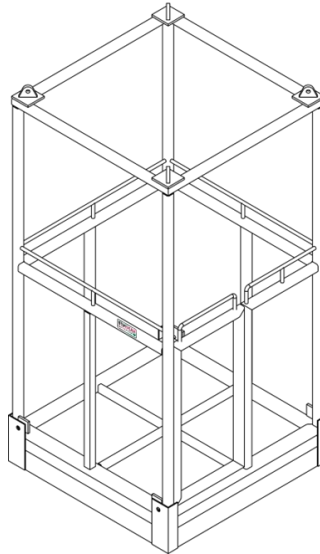
**Please consult the forklift manufacturer or
contact the BTH Sales Team for further assistance @ 832-581-2743**

BASKETS AND STORAGE

PERSONNEL BASKET (MODEL V)



- Custom Sizes Available
- Painted or Galvanized
- Optional Fork Pockets



To Order:

1. Select **Model Number** from table below.
2. Select top connection style using **Connection Options**—see Appendix A
3. Select bottom connection style using **Connection Options**—see Appendix A

Example:

Model x123AB

A=top connection style

B=bottom connection style

Note:

Standard load rated top and bottom connections will be supplied unless otherwise specified.

For connection options, see Appendix A

Custom options available upon request

MODEL NUMBER	SIZE (in.)	CAP (lbs.)	WEIGHT W/O TEST WEIGHT (lbs.)	WEIGHT OF TEST WEIGHT (lbs.)
V123xxx	30" x 30"	300	600	375
V223xxx	36" x 36"	500	700	625
V323xxx	36" x 48"	550	810	625
V423xxx	36" X 72"	550	1020	700
V523xxx	36" x 60"	1000	920	1250
V623xxx	48" x 48"	1000	950	1250
V723xxx	48" x 60"	1000	1090	1250
V823xxx	48" x 72"	1250	1240	1562
V923xxx	48" x 96"	1500	1520	1875
V133xxx	60" x 96"	2500	1810	3125

Custom Built to Your Specifications

For Additional Information And Order Assistance

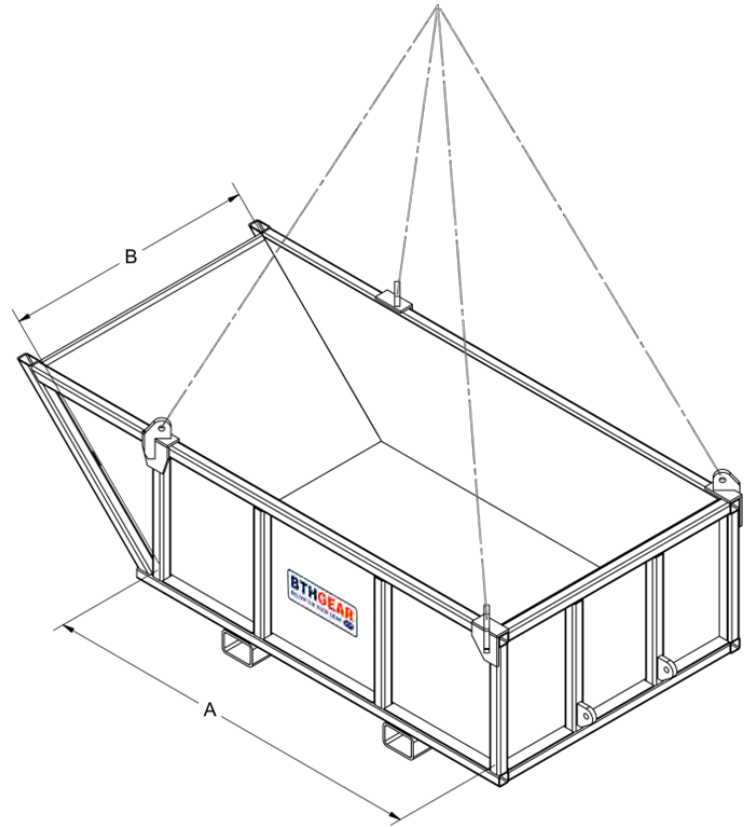
Contact Our Sales Team @ 832-581-2743

BASKETS AND STORAGE

SKIP PAN (MODEL SP)



- Custom Sizes Available
- Painted or Galvanized
- Fork Pockets Standard
- Drain Holes
- Tilt Point Included
- Proof Tested
- Rear Dump Lugs



To Order:

1. Select **Model Number** from table below.
2. Select top connection style using **Connection Options**—see Appendix A
3. Select bottom connection style using **Connection Options**—see Appendix A

Example:

Model x123AB

A=top connection style

B=bottom connection style

Note:

Standard load rated top and bottom connections will be supplied unless otherwise specified.

For connection options, see Appendix A

Custom options available upon request

MODEL NUMBER	SIZE (ft.)	CAP (tons)	WEIGHT (lbs.)	Duty
SP123xxx	4' x 8' x 2'	2	1000	Standard Duty
SP223xxx	4' x 8' x 2'	2	1200	Heavy Duty
SP323xxx	4' x 10' x 2'	3	1500	Heavy Duty
SP423xxx	5' x 10' x 3'	4	1850	Heavy Duty
SP523xxx	6' x 12' x 3'	5	2400	Heavy Duty

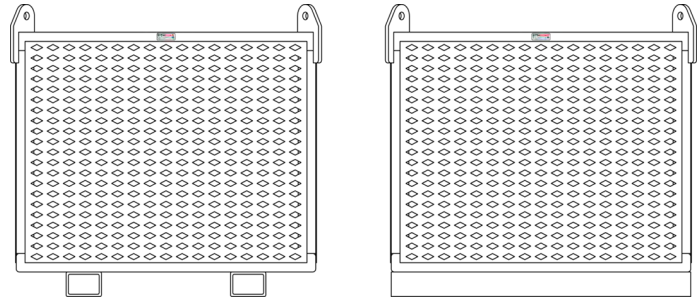
Custom Built to Your Specifications

For Additional Information And Order Assistance

Contact Our Sales Team @ 832-581-2743

BASKETS AND STORAGE

MATERIAL BASKET (MODEL X)



To Order:

1. Select **Model Number** from table below.
2. Select top connection style using **Connection Options**—see Appendix A
3. Select bottom connection style using **Connection Options**—see Appendix A

Example:

Model **x123AB**

A=top connection style

B=bottom connection style

Note:

Standard load rated top and bottom connections will be supplied unless otherwise specified.

For connection options, see Appendix A

Custom options available upon request

Carbon Steel (Painted or Galvanized)

Also available in Stainless Steel

MODEL NUMBER	SIZE		CAP (tons)	WEIGHT (lbs.)
	WIDTH x HEIGHT (ft.)	LENGTH (ft.)		
X123xxx	4' x 2'	4'	1	310
X223xxx	4' x 2'	8'	1	480
X323xxx	4' x 2'	10'	1	560
X423xxx	4' x 2'	12'	1	650
X523xxx	4' x 2'	14'	1	730
X623xxx	4' x 3'	4'	1	400
X723xxx	4' x 3'	8'	1	650
X823xxx	4' x 3'	10'	1	770
X923xxx	4' x 3'	12'	1	900
X133xxx	4' x 3'	14'	1	1020
X233xxx	4' x 4'	4'	1	480
X333xxx	4' x 4'	8'	1	810
X433xxx	4' x 4'	10'	1	980
X533xxx	4' x 4'	12'	1	1150
X633xxx	4' x 4'	14'	1	1310
X733xxx	4' x 2'	4'	2	630
X833xxx	4' x 2'	8'	2	960
X933xxx	4' x 2'	10'	2	1130
X143xxx	4' x 2'	12'	2	1290
X243xxx	4' x 2'	14'	2	1460
X343xxx	4' x 3'	4'	2	800
X443xxx	4' x 3'	8'	2	1290
X543xxx	4' x 3'	10'	2	1540
X643xxx	4' x 3'	12'	2	1790
X743xxx	4' x 3'	14'	2	2040
X843xxx	4' x 4'	4'	2	960
X943xxx	4' x 4'	8'	2	1630
X153xxx	4' x 4'	10'	2	1960
X253xxx	4' x 4'	12'	2	2290
X353xxx	4' x 4'	14'	2	2620
X453xxx	4' x 2'	4'	3	940
X553xxx	4' x 2'	8'	3	1440

BASKETS AND STORAGE

MATERIAL BASKET (MODEL X)

MODEL NUMBER	WIDTH x HEIGHT (ft.)	LENGTH (ft.)	CAP (tons)	WEIGHT (lbs.)
X653xxx	4' x 2'	10'	3	1690
X753xxx	4' x 2'	12'	3	1940
X853xxx	4' x 2'	14'	3	2190
X953xxx	4' x 3'	4'	3	1190
X163xxx	4' x 3'	8'	3	1940
X263xxx	4' x 3'	10'	3	2310
X363xxx	4' x 3'	12'	3	2690
X463xxx	4' x 3'	14'	3	3060
X563xxx	4' x 4'	4'	3	1440
X663xxx	4' x 4'	8'	3	2440
X763xxx	4' x 4'	10'	3	2940
X863xxx	4' x 4'	12'	3	3440
X963xxx	4' x 4'	14'	3	3940
X173xxx	4' x 2'	4'	4	1260
X273xxx	4' x 2'	8'	4	1920
X373xxx	4' x 2'	10'	4	2250
X473xxx	4' x 2'	12'	4	2590
X573xxx	4' x 2'	14'	4	2920
X673xxx	4' x 3'	4'	4	1590
X773xxx	4' x 3'	8'	4	2590
X873xxx	4' x 3'	10'	4	3090
X973xxx	4' x 3'	12'	4	3580
X183xxx	4' x 3'	14'	4	4080
X283xxx	4' x 4'	4'	4	1920
X383xxx	4' x 4'	8'	4	3250
X483xxx	4' x 4'	10'	4	3920
X583xxx	4' x 4'	12'	4	4580
X683xxx	4' x 4'	14'	4	5250

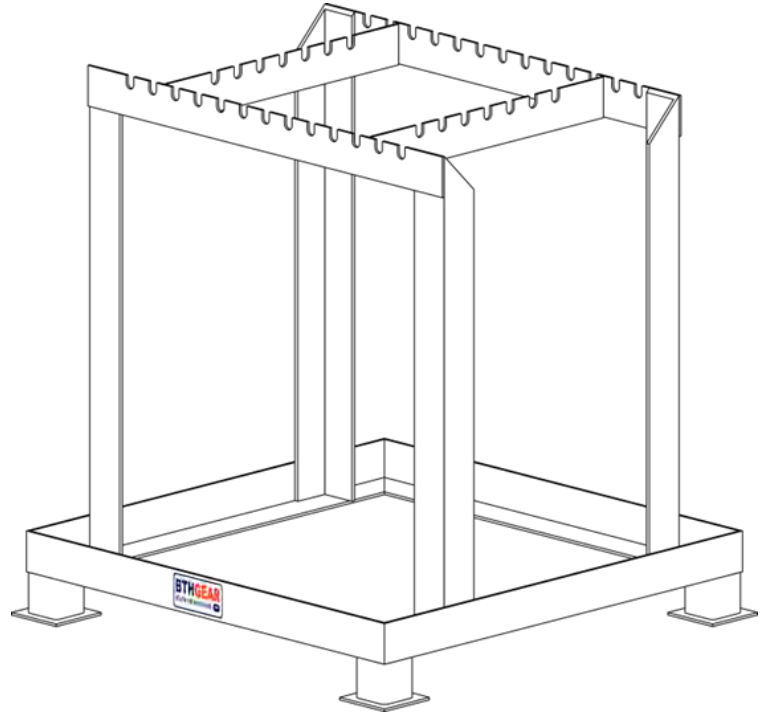
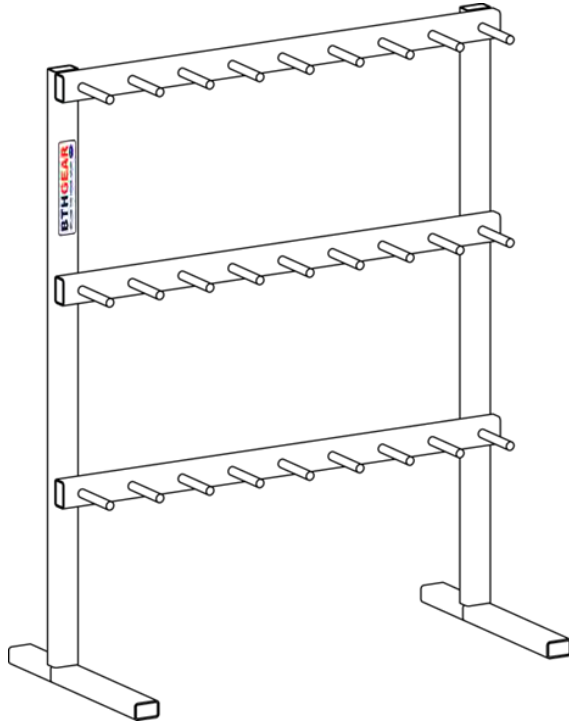
Custom Built to Your Specifications

For Additional Information And Order Assistance

Contact Our Sales Team @ 832-581-2743

BASKETS AND STORAGE

RIGGING STORAGE RACK (MODEL Y)



ORDER FORM

Length: _____ Feet/Inches

Contact Information: _____

Depth: _____ Feet/Inches

Name: _____

Height: _____ Feet/Inches

Company: _____

Number of Rows: _____

Tel: _____

Number of Hangers per Row: _____

Fax: _____

Distance Between Rows: _____

Email: _____

Notes: _____

Contact Preference: ☐ Tel ☐ Fax ☐ Email

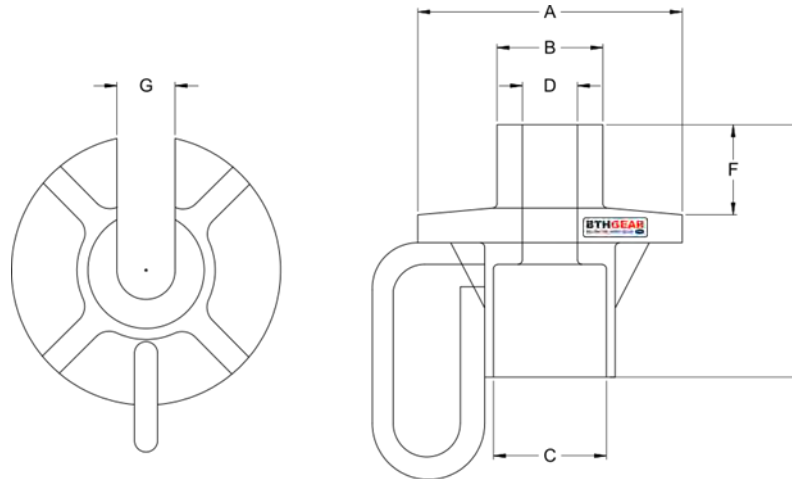
Attn: Custom Fabrication

Fax: (832) 581-2743

Email: info@bthgear.com

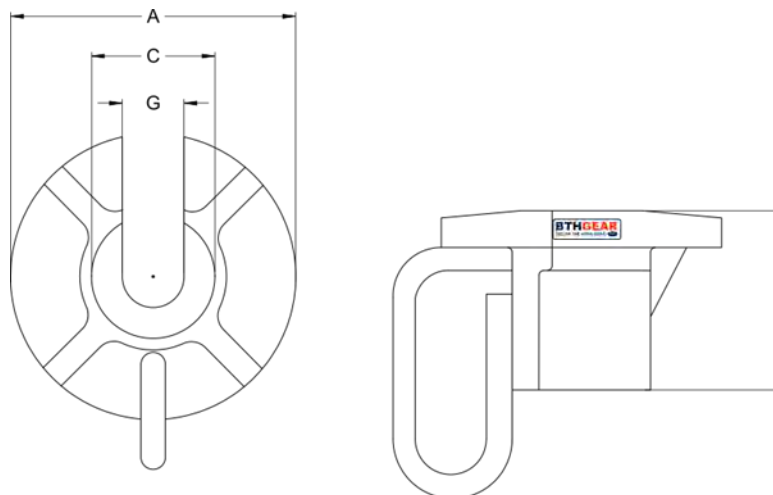
CONCRETE HANDLING

CONCRETE PIPE CARRIER "T-CUP" (MODEL AB)



MODEL NUMBER	CAP (tons)	A (in.)	B (in.)	C (in.)	D (in.)	E (in.)	F (in.)	G (in.)	WT (lbs.)
AB123xxx	6.6	5.563"	2"	2.125"	1.125"	4.75"	1.75"	1.125"	9
AB223xxx	13	6"	2.5"	2.625"	1.375"	5.75"	1.75"	1.375"	12
AB323xxx	18	8"	3"	3.25"	1.625"	7.625"	2.75"	1.625"	22

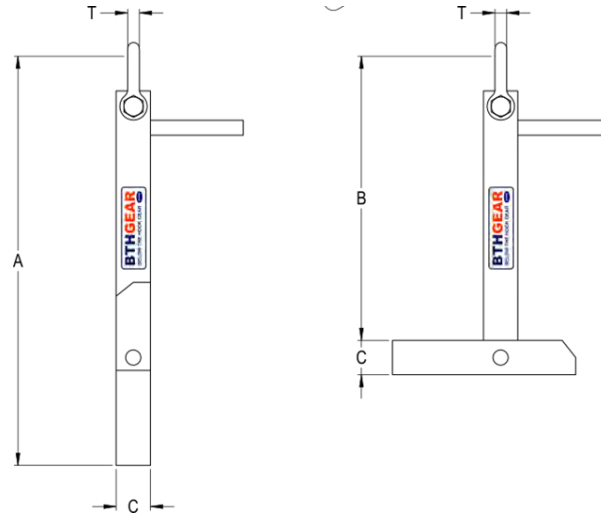
CONCRETE PIPE CARRIER "T-CUP" (MODEL AC)



MODEL NUMBER	CAP (tons)	A (in.)	C (in.)	G (in.)	H (in.)	WT (lbs.)
AC123xxx	6.6	5.563"	2.125"	1.125"	3.44"	9
AC223xxx	13	6"	2.625"	1.375"	4.38"	12
AC323xxx	18	8"	3.25"	1.625"	5.13"	22

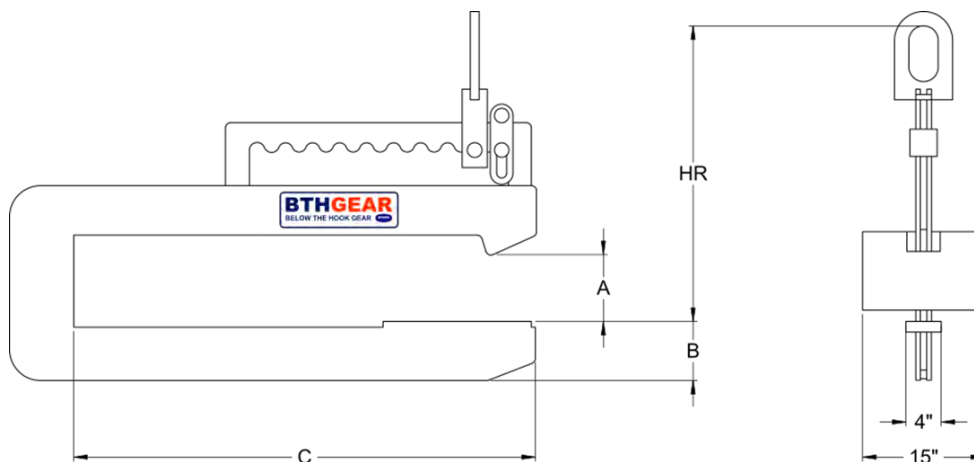
CONCRETE HANDLING

CONCRETE PIPE PICKER (MODEL AD)



MODEL NUMBER	CAP (tons)	A (in.)	B (in.)	C (in.)	T (in.)	WT (lbs.)
AD123xxx	1.5	23"	16.25"	1.50"	0.625"	10
AD223xxx	3	27.625"	20"	1.75"	0.75"	18
AD323xxx	5	43.5"	36"	2.25"	1"	38

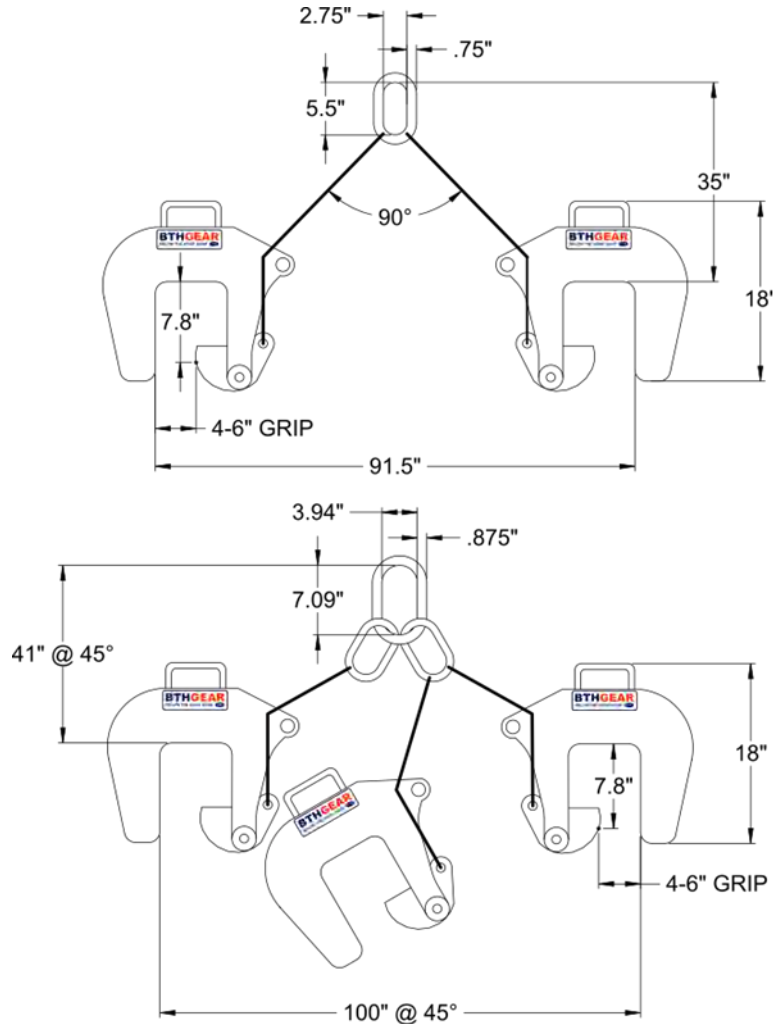
C-HOOK CONCRETE PIPE LIFTER (MODEL AE)



MODEL NUMBER	CAP (lbs.)	MAX. PIPE SIZE (in.)	A (in.)	B (in.)	C (in.)	HR (in.)	WT (lbs.)
AE123xxx	3000	24	8"	6.62"	53"	33.80"	300
AE223xxx	6000	36	8"	6.87"	53"	35.63"	500
AE323xxx	9000	48	8"	7.44"	54"	37.31"	700
AE423xxx	12000	60	8.5"	8.38"	54.5"	39.25"	750
AE523xxx	18000	72	10"	8.25"	55"	41.63"	1100
AE623xxx	30000	96	12"	10.75"	58"	48.12"	1550

CONCRETE HANDLING

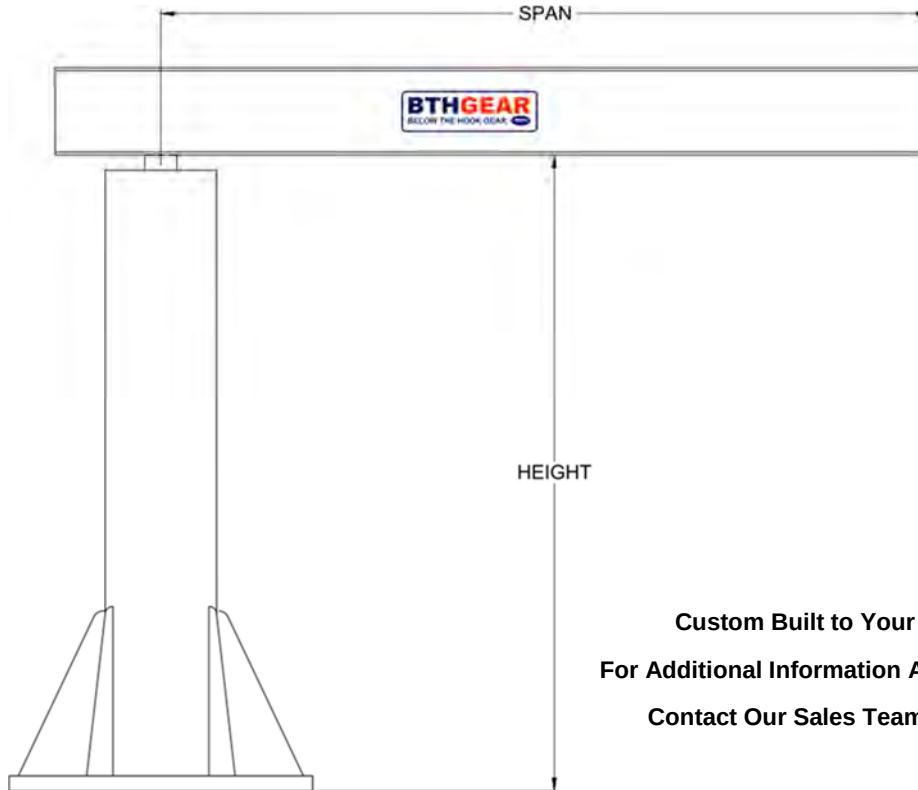
CONCRETE HOUSING LIFTER (MODEL AF)



MODEL NUMBER	DESCRIPTION	CAP (lbs.)	MAX. DIAMETER (in.)	WT (lbs.)
AF123xxx	2-Leg Model - Two 42" Legs	10,000	91	131
AF223xxx	3-Leg Model - Two 42" Legs - One 72" Leg With Chain Shortener	15,000	100	181
AF323xxx	Clamp Only	5,000		45

CRANES, LIFTING EQUIPMENT, UPENDERS, TURNERS

JIB CRANE (MODEL JC)



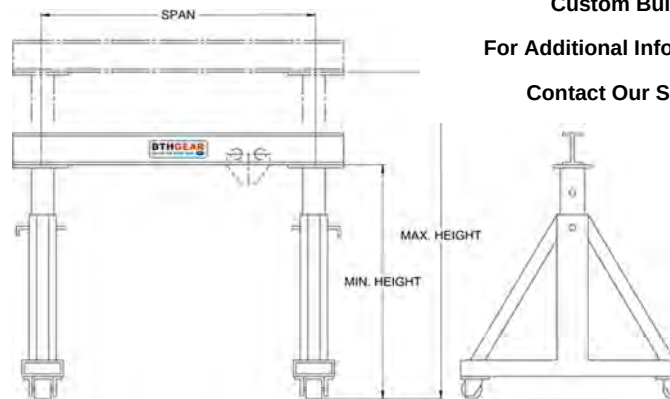
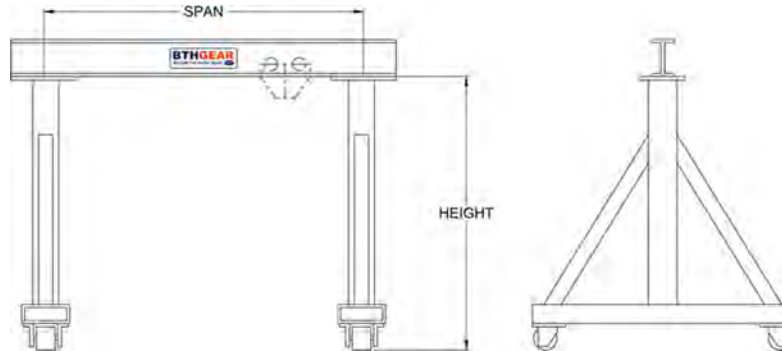
Custom Built to Your Specifications
 For Additional Information And Order Assistance
 Contact Our Sales Team @ 832-581-2743

ORDER FORM

Height: _____ Feet/Inches		Contact Information: _____	
Span: _____ Feet/Inches		Name: _____	
Capacity: _____ Pounds		Company: _____	
		Tel: _____	
		Fax: _____	
		Email: _____	
Notes: _____		Contact Preference: ☐ Tel ☐ Fax ☐ Email	
_____		Attn: Custom Fabrication	
_____		Fax: (832) 581-2743	
_____		Email: info@bthgear.com	

CRANES, LIFTING EQUIPMENT, UPENDERS, TURNERS

GANTRY CRANE (MODEL GC)



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ORDER FORM

Height: _____ Feet/Inches

Span: _____ Feet/Inches

Capacity: _____ Pounds

Notes: _____

Contact Information: _____

Name: _____

Company: _____

Tel: _____

Fax: _____

Email: _____

Contact Preference: ☐ Tel ☐ Fax ☐ Email

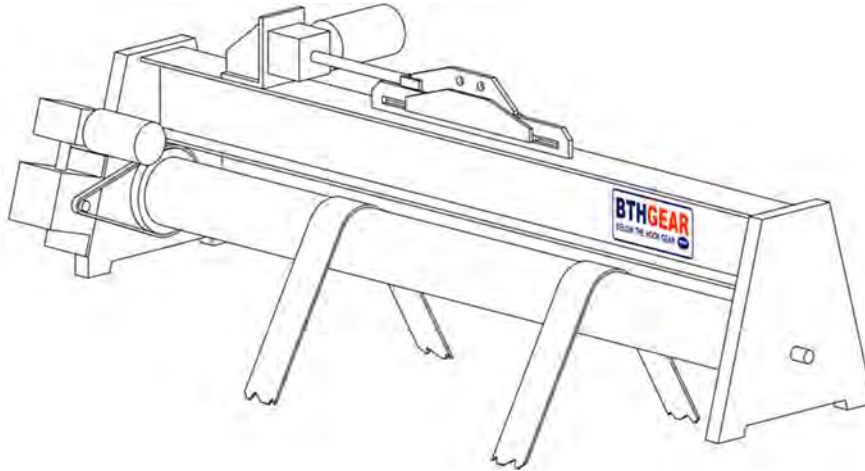
Attn: Custom Fabrication

Fax: (832) 581-2743

Email: info@bthgear.com

CRANES, LIFTING EQUIPMENT, UPENDERS, TURNERS

TURNER (MODEL AG)

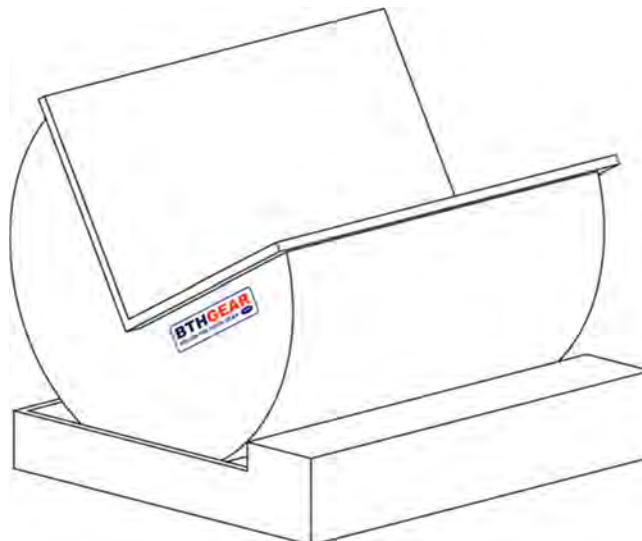


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UPENDER (MODEL AH)



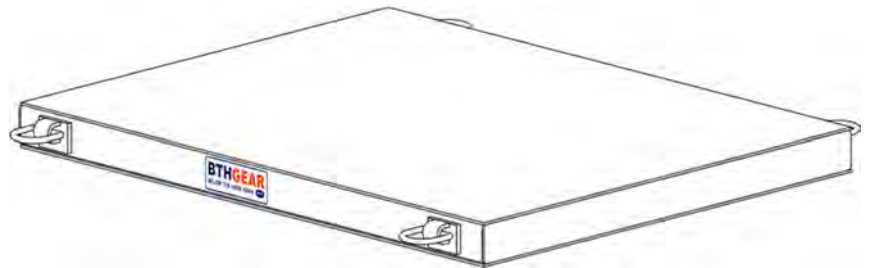
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CRANES, LIFTING EQUIPMENT, UPENDERS, TURNERS

CRANE MATS (MODEL CM)



MODEL NUMBER	RATED CAPACITY IN LBS. AS STATED	SQ. FT. OUTPUT +/- 1%	APPROX WEIGHT EA. +/- 5 %	DIMS L x W x H in. +/- 1/2"
CM.10.30	30,000	12	175	4 x 3 x 3
CM.12.50	50,000	16	250	4 x 4 x 3
CM.16.75	75,000	16	450	4 x 4 x 4
CM.20.100	100,000	20	575	4 x 5 x 4
CM.28.150	150,000	30	750	6 x 5 x 5
CM.30.175	175,000	30	900	6 x 5 x 6
CM.36.200	200,000	36	1250	6 x 6 x 6
CM.48.250	250,000	48	1700	8 x 6 x 6
CM.54.300	300,000	54	2350	9 x 6 x 6
CM.60.350	350,000	60	2650	10 x 6 x 8
CM.72.400	400,000	72	4000	12 x 6 x 10
CM.82.450	450,000	84	5000	14 x 6 x 10
CM.90.500	500,000	90	5670	15 x 6 x 10
CM.120.550	550,000	120	7500	12 x 8 x 10
CM. WALK WAY	X any	n/a	n/a	X any
CM. BRIDGE	X any	n/a	n/a	X any
SITE SPECIFIC INFORMATION REQUIRED FOR WALKWAYS AND BRIDGES				

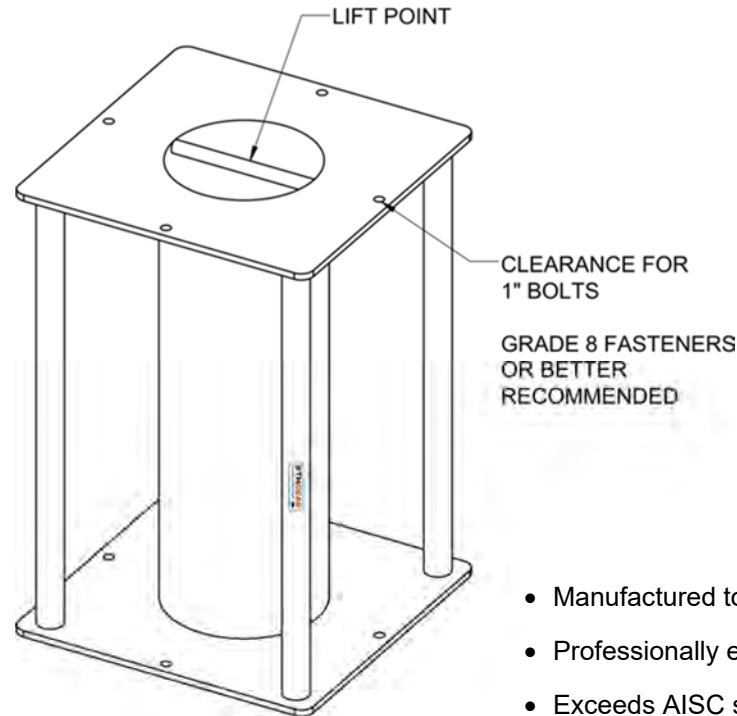
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CRANES, LIFTING EQUIPMENT, UPENDERS, TURNERS

PIPE STANDS/CANS (MODEL PS)

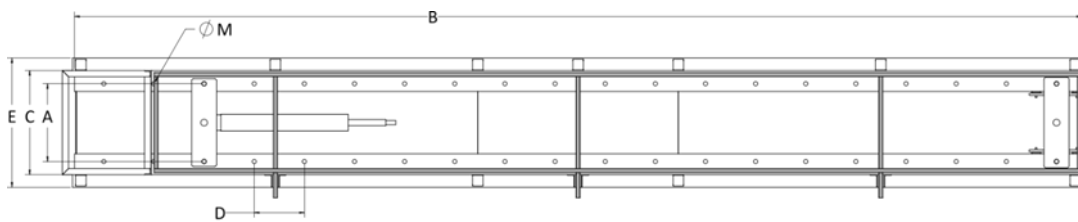
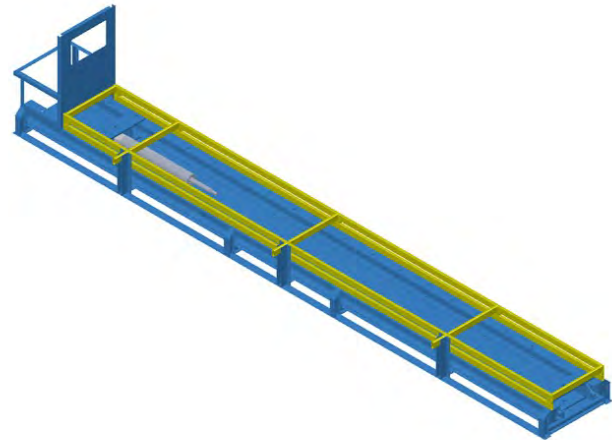


MODEL NUMBER	CAP (TONS)	SIZE
PS123xxx		L24"xW24"xH36"
PS223xxx		L36"xW36"xH48"

Custom Built to Your Specifications
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LOAD TESTING

TESTING AND GRIPPING EQUIPMENT



- Built To Your Specifications: Required Capacity, Length And Width
- ASME E4 Compliant Dual Cylinder Set-Up For Full Range E4 Requirements
- Software Included – Durability Through Simplicity
- OSHA Compliant Operator Safety
- No Special Foundation Requirements
- Modular Door Design: Easily Switch Door And Components From Side To Side
- Grips, Snails, Attachments, Liners Wedges, Walking Grip Systems

Custom Built to Your Specifications

For Additional Information And Order Assistance

Contact Our Sales Team @ 832-581-2743

LOAD TESTING

PAD EYE TESTER



- Built To Your Specifications: Required Capacity, Length And Width
- OSHA Compliant Operator Safety
- No Special Foundation Requirements

Custom Built to Your Specifications

For Additional Information And Order Assistance

Contact Our Sales Team @ 832-581-2743

LOAD TESTING

E4 LOAD CELLS AND CALIBRATIONS

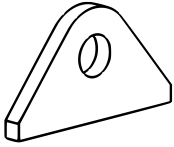
- Shear pins and beam load cells
- Load Shackles
- Wireless Tension Load Cell
- Wireless Load Shackle
- Wireless Shackle Load Cell
- COLT - Line Tensionmeter
- Clamp on Line Tensiometer
- Compression Load Cell
- Wireless Compression Load Cell
- BlueLink Bluetooth Digital Dynamometer
- Wireless Tension Load Cell
- CableSafe - Rope and Cable Tension Meter
- Running Line Dynamometer
- Handheld Plus
- Wireless and Wired Display
- Loadlink Plus
- Digital Dynamometer
- TIMH - Tensiometer
- Running Line Dynamometer
- Subsea Link
- Submersible Tension Load Cell
- Multi-Operated Survey System
- STC - Tension and Compression
- Tension and Compression Load Cell
- Compression Cells Rentals To 12,000,000 Lbs
- Submersible Tension Load Cell NEW
- Miniweigher Plus
- Crane Scales
- Custom Load Cells
- Load Monitoring Custom Builds
- Standard Loadpins
- Load Measurement Pins
- Towcell ®
- Tension Load Cell
- Wireless Accessories
- Wireless Load Cell Accessories
- Wirelink Plus
- Tension Load Cell
- Impact Block
- Wireless Tension Load Cell
- Cabled Loadshackle
- Shackle Load Cell
- Cabled Compression
- Compression Load Cell
- SA700C Load Cell Transmitter
- Wireless Transmitter
- Loadblock Plus
- Compression Loadcell
- MOSS

For Additional Information And Order Assistance

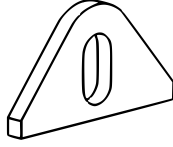
Contact Our Sales Team @ 832-581-2743

APPENDIX A

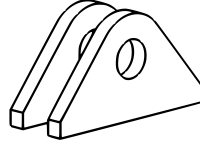
CONNECTION OPTIONS



OPTION A
Shackle



OPTION B
Bale



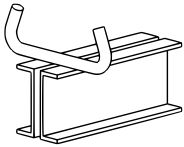
OPTION C
Clevis



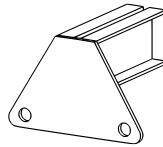
OPTION D
Swivel Hook



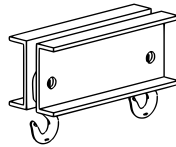
OPTION E
Non-Swivel Hook



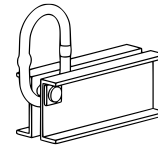
OPTION F
Twin Horns



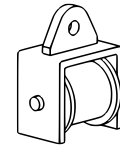
OPTION G
Twin Lug



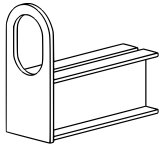
OPTION H
Multiple Hooks



OPTION I
High Link



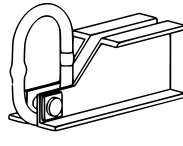
OPTION J
Roller



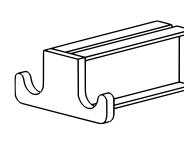
OPTION K
Twin Bale



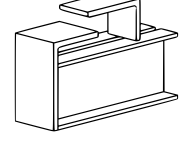
OPTION L
Extended Hook



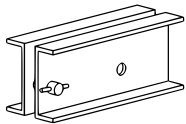
OPTION M
Low Link



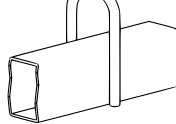
OPTION N
Twin Hook



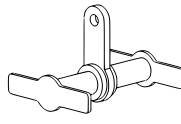
OPTION O
Bag Lock



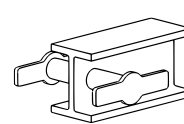
OPTION P
Pins



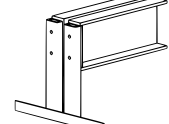
OPTION Q
Hoop



OPTION R
Trunnion Link



OPTION S
Trunnion Beam



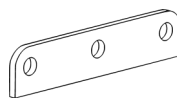
OPTION T
Foot/Stand



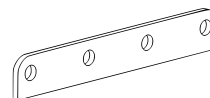
***OPTION X1**
1 Hole Shackle



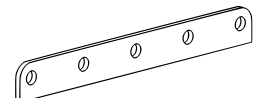
***OPTION X2**
2 Hole Shackle



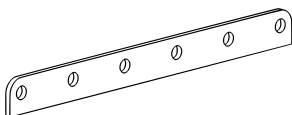
***OPTION X3**
3 Hole Shackle



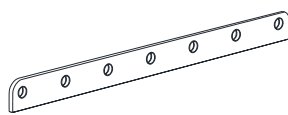
***OPTION X4**
4 Hole Shackle



***OPTION X5**
5 Hole Shackle



***OPTION X6**
6 Hole Shackle



***OPTION X7**
7 Hole Shackle



***OPTION X8**
Full Length Shackle



***OPTION X9**
Custom Shackle

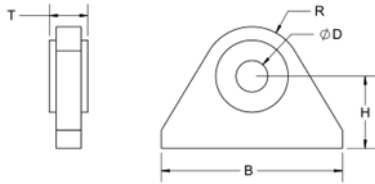
*Denotes use for both Top and Bottom connections

For Additional Information And Order Assistance

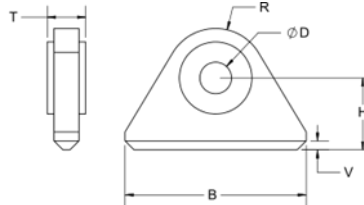
Contact Our Sales Team @ 832-581-2743

APPENDIX A

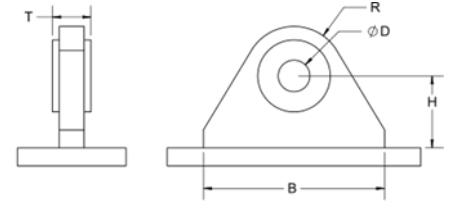
PADEYE & WELDED CONNECTIONS



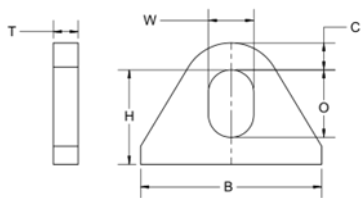
WC-A



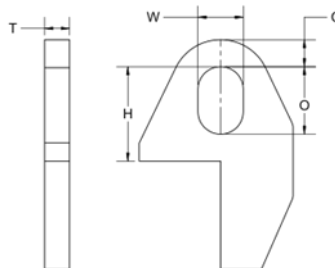
WC-B



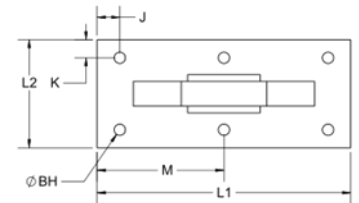
WC-C



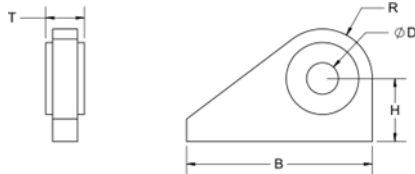
WC-D



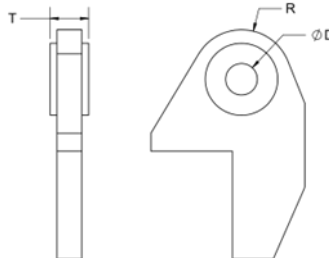
WC-E



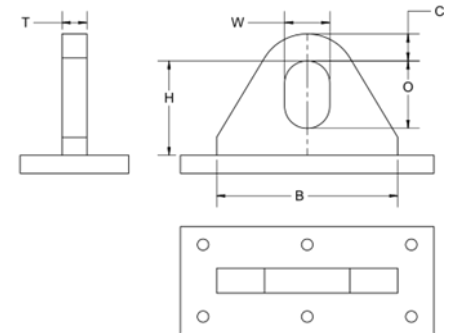
WC-F



WC-G



WC-H



WC-I

CAPACITY (METRIC TONS)	MODEL NUMBERS								
	A	B	C	D	E	F	G	H	I
1/3T	WC-A1/3T	WC-B1/3T	WC-C1/3T	WC-D1/3T	WC-E1/3T	WC-F1/3T	WC-G1/3T	WC-H1/3T	WC-I1/3T
1/2T	WC-A1/2T	WC-B1/2T	WC-C1/2T	WC-D1/2T	WC-E1/2T	WC-F1/2T	WC-G1/2T	WC-H1/2T	WC-I1/2T
3/4T	WC-A3/4T	WC-B3/4T	WC-C3/4T	WC-D3/4T	WC-E3/4T	WC-F3/4T	WC-G3/4T	WC-H3/4T	WC-I3/4T
1T	WC-A1T	WC-B1T	WC-C1T	WC-D1T	WC-E1T	WC-F1T	WC-G1T	WC-H1T	WC-I1T
1-1/2T	WC-A1-1/2T	WC-B1-1/2T	WC-C1-1/2T	WC-D1-1/2T	WC-E1-1/2T	WC-F1-1/2T	WC-G1-1/2T	WC-H1-1/2T	WC-I1-1/2T
2T	WC-A2T	WC-B2T	WC-C2T	WC-D2T	WC-E2T	WC-F2T	WC-G2T	WC-H2T	WC-I2T
3-1/4T	WC-A3-1/4T	WC-B3-1/4T	WC-C3-1/4T	WC-D3-1/4T	WC-E3-1/4T	WC-F3-1/4T	WC-G3-1/4T	WC-H3-1/4T	WC-I3-1/4T
4-3/4T	WC-A4-3/4T	WC-B4-3/4T	WC-C4-3/4T	WC-D4-3/4T	WC-E4-3/4T	WC-F4-3/4T	WC-G4-3/4T	WC-H4-3/4T	WC-I4-3/4T
6-1/2T	WC-A6-1/2T	WC-B6-1/2T	WC-C6-1/2T	WC-D6-1/2T	WC-E6-1/2T	WC-F6-1/2T	WC-G6-1/2T	WC-H6-1/2T	WC-I6-1/2T
8-1/2T	WC-A8-1/2T	WC-B8-1/2T	WC-C8-1/2T	WC-D8-1/2T	WC-E8-1/2T	WC-F8-1/2T	WC-G8-1/2T	WC-H8-1/2T	WC-I8-1/2T
9-1/2T	WC-A9-1/2T	WC-B9-1/2T	WC-C9-1/2T	WC-D9-1/2T	WC-E9-1/2T	WC-F9-1/2T	WC-G9-1/2T	WC-H9-1/2T	WC-I9-1/2T
12T	WC-A12T	WC-B12T	WC-C12T	WC-D12T	WC-E12T	WC-F12T	WC-G12T	WC-H12T	WC-I12T
13-1/2T	WC-A13-1/2T	WC-B13-1/2T	WC-C13-1/2T	WC-D13-1/2T	WC-E13-1/2T	WC-F13-1/2T	WC-G13-1/2T	WC-H13-1/2T	WC-I13-1/2T
17T	WC-A17T	WC-B17T	WC-C17T	WC-D17T	WC-E17T	WC-F17T	WC-G17T	WC-H17T	WC-I17T
25T	WC-A25T	WC-B25T	WC-C25T	WC-D25T	WC-E25T	WC-F25T	WC-G25T	WC-H25T	WC-I25T
35T	WC-A35T	WC-B35T	WC-C35T	WC-D35T	WC-E35T	WC-F35T	WC-G35T	WC-H35T	WC-I35T
55T	WC-A55T	WC-B55T	WC-C55T	WC-D55T	WC-E55T	WC-F55T	WC-G55T	WC-H55T	WC-I55T