

CALDWELL®
LIFTING SOLUTIONS

2023 BTH
General Lifters



800-628-4263 | 815-229-5667 | caldwellinc.com





What Is The CALDWELL® Advantage?

When you choose Caldwell, you get more than BTH lifting devices. With every order, you get almost 70 years of experience, expertise, and industry knowledge that make a difference. The Caldwell Advantage is not just a single "extra." It's a collection of built-in benefits to make your job easier, your customers happier, and your bottom line stronger.

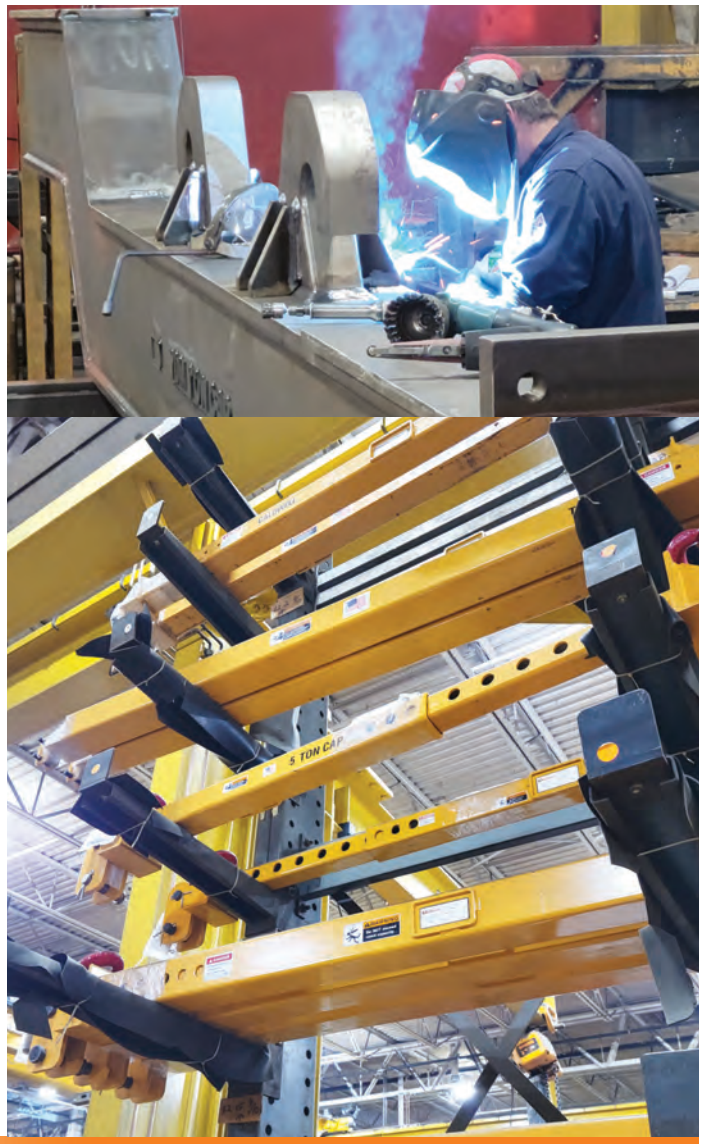
The Caldwell Advantages:

Caldwell's Signature 2-Year Warranty: Double the industry average, our 2-year warranty extends your protection and peace of mind.

Made in the USA: Rockford, IL based fabricators, welders, assemblers, and painters proudly deliver quality equipment to you.

Free Freight: You get free freight on LTL/small package shipments to standard U.S. ground destinations. See page 5 for details.

In-Stock Availability: Items marked with this icon are in stock and ready to go when you are.



Count On Caldwell

Since 1954, distributors of below-the-hook lifting devices have trusted Caldwell Lifting Solutions to deliver the quality, innovation, and expertise their customers demand to operate safely and efficiently. Today's Caldwell is proud to serve the rigging shops, crane dealers, construction contractors, transportation suppliers, and material handling professionals who support crane operators worldwide.

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COUNT ON MADE IN THE USA QUALITY: Saw Operator Demetrius Thompson from our Steel Service Center programs measurements into a CNC band saw to make cuts on what will become the A-frame on a Model H90 Gantry Crane.

Find It Here

LIFTING BEAMS..... 7
Standard Beams, Dura-Lite™ Composite Beams, Low-Headroom Beams, High-Capacity Beams, Heavy-Duty Basket Beams, Adjustable Bail Beams, Posi-Leveler™ Beams, Bulk Containers, 3- and 4-Point Beams, Twin Hoist Beams

SPREADER BEAMS 31
Fixed Spreader Beams, Dura-Lite™ Spreader Beams, High-Capacity Spreader Beams, End Fittings/Pipe Couplers, Dura-Mod® Modular Spreader Beams, Special System Spreader Beams

PAPER ROLL LIFTERS 48
Paper Roll Lifting Beams, Paper Roll Lifting Tongs, Paper Roll C Hooks, Pallet Lifters, Positioners

COIL LIFTERS & UPENDERS .. 54
C-Hooks, Vertical Eye, Two-Sided, Parking Stands, Upenders

SHEET LIFTERS..... 71
Plate Lifters, Heavy-Duty, Hydraulic, Small Bundle, Battery-Powered

LIFTER LOCKOUT 79

PALLET LIFTERS 82
Adjustable Load, Wheeled, Lightweight, Fixed Forks, Adjustable Forks

DISTRIBUTOR FAVORITES..... 89
Rotating Crane Hook, Lifting Tongs, Material Stands, Material Baskets, Posi-Turner® Load Rotators, Rig-Release® Remote Release Hooks, Vacuum Lifters, Construction Lifters, Fork Truck Accessories

TERMS & CONDITIONS..... 108

ASME STANDARDS..... 110

LIMITED WARRANTY..... 113

PRODUCT CARE, USE & INSPECTION 114

Engineering & Innovation:
Great Projects Start Here

Crane operators aren't magicians, per say, but they are often asked to perform what might seem like a miracle or two. And when they show up at your door, they need help to figure out some pretty complicated stuff. That's where your experience and the Caldwell team you have on speed dial come into play.



Lunar Lander Transport
A customized 2,500 lb.-capacity transport cradle was designed to carry the Intuitive Machines Nova-C Lunar Lander from the manufacturing floor in Houston to the Kennedy Space Center in Cape Canaveral, FL. Kennedy Wire Rope & Sling orchestrated the project.

Particle Accelerator Cryomodule Lifting Device
When Fermi National Accelerator Laboratory needed a precision lifting device to be used during the assembly process for the SSRI crymodule sections of a particle accelerator, they counted on Caldwell distributor John Sakach.

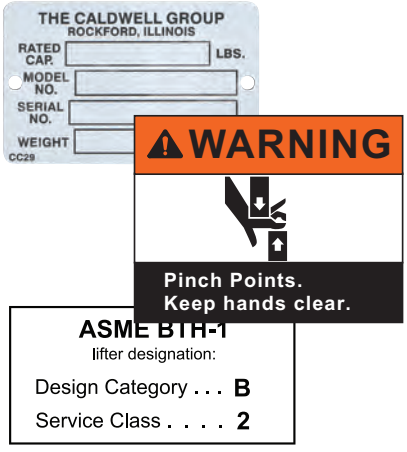


Count on Caldwell for customized, unique solutions for any lifting situation. The Caldwell engineering and technical sales staff brings decades of expertise in creating those "things that have never been done before." Not only do we meet or exceed ASME standards, our lead engineer actually sits on the advisory board. Take a look at some amazing recent projects.

More Projects On The Blog

www.caldwellinc.com/blog

Caldwell Meets or Exceeds ASME Standards



All Caldwell lifters comply with the American Society of Mechanical Engineers (ASME) standards and include:

- An identification nameplate
- ASME rated capacities tag
- Safety labels

For detailed information about the ASME standards, turn to pages 110-112.



Distributor Tools
Make Your Life Easier

Online Ordering in the Caldwell Distributor Portal. It's here! When you log in to the Distributor Portal, placing orders is just the beginning! You'll also be able to check pricing and availability, build a shopping list of frequently ordered items, and more.

Ask your Caldwell rep for details.



Real-Time Quotes with Smart Spec Custom Configurator. When you need to customize a standard product, you don't want to wait for drawings and pricing. Caldwell's Smart Spec tool lets you build the item that fits your application exactly, then provides renderings and a price in real time.

Request access at 800-628-4263.

Free Freight Policy:
Save Time, Hassle & Money!

Did you know that we made a decision to eliminate freight charges on LTL and small package orders that ship standard ground? We did, because it makes everything easier for you.

- There are no surprises during the ordering/invoicing process.
- You can manage your budget better – what you see is what you get
- And you never have to question a freight charge again or go looking for your own carrier to see if you can "beat" a number from an invoice

Here are the details: Free freight applies to LTL and small package shipments transported via standard transit times to U.S. destinations. Expedited, rush, or flatbed shipments will incur added surcharges in line with normal procedures.

A freight surcharge fee will apply to all shipments longer than 12'L and/or over 4,000 lbs. Customers may choose to arrange their own freight. For small package shipments going to Canada and Mexico, duty tax will still be the responsibility of the customer. For truck shipment to Canada and Mexico, duty, taxes and freight from the border to the destination are the responsibility of the customer.



5 Ways Caldwell Can Help After The Sale

You rely on BTH equipment that performs.
Every day, every shift, every lift. Caldwell stands behind the equipment we sell and stands next to our distributors and end users to deliver end-to-end service that doesn't stop when the purchase is made.

1 **Installation Consultations and Training:** A Caldwell Service Tech can work with on-site experts to ensure proper set-up, outline a maintenance plan, demonstrate proper equipment use, and help train operators.





2 **Preventative Maintenance:** We will work with facilities crew or plant managers to perform scheduled PMs that help operators maximize performance and reduce unplanned downtime.

3 **Inspections:** Should you have an issue or concern, these same Caldwell techs can perform inspections to determine damage and outline your options and costs for repairs.





4 **Repairs:** Did you know that once repairs by our factory experts are complete, your Caldwell equipment carries the same new product warranty that it had upon purchase? That's peace of mind.

5 **Modernizations:** Your Caldwell engineering crew uses the latest design technologies to determine if your lifter can be updated, modified, or refurbished to help tackle bigger loads, higher cycle counts, or extreme weather. They can also help you correct recurring issues, improve performance, or rethink your proces.



Want to Know More?

Ask your Customer Service Team for more information at 800.628.4263.

Lifting Beams



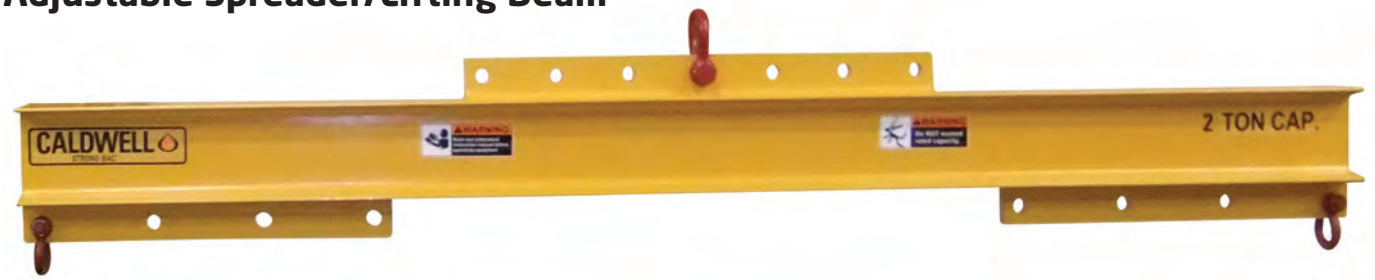
INDEX

Standard Beams 8-13
Dura-Lite™ Composite Beams 10-11
Low-Headroom Beams 14-17
High-Capacity Beams 18
Heavy-Duty Basket Beams 19
Adjustable Bail Beams 20-21
Posi-Leveler™ Beams 22-23
Bulk Containers 24
3- and 4-Point Beams 25-27
Twin Hoist Beams 28-29
Lifting Beam Application Evaluation 30

Model 16

Adjustable Spreader/Lifting Beam

In-Stock



Model 16 Adjustable Spreader/Lifting Beam provides versatility and power. This best-selling workhorse gives crane operators and riggers options with adjustable lifting points for dozens of load scenarios.

Product Features:

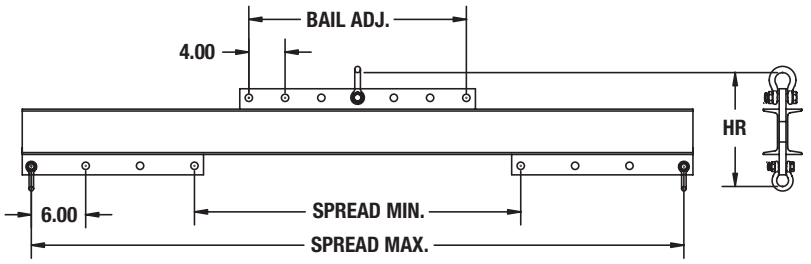
- Adjustable lifting points
- Handles both wide and unbalanced loads
- Low-headroom capability
- Shackles included
- Add chain top rigging for additional stability
- Optional swivel hooks available
- Optional chain top rigging available
- Complies with ASME standards

Product Options:

- OPTION S - Pair of swivel hooks
- OPTION C - Chain top rigging
- OPTION B1 - One cross beam*
- OPTION B2 - Two cross beams*

* Specify spreads

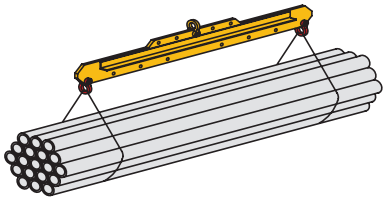
MODEL 16



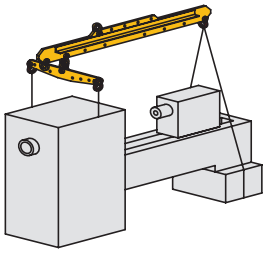
Model Number	Rated Capacity (tons)	Spread (in.)		Bail Adjustment (in.)	HR Headroom (in.)	Bolt Type Anchor Shackle (tons)		Weight (lbs.)
		Max.	Min.			Top	Bottom	
16-1/4-4	1/4	48	12	16	7.13	1.5	1.5	40
16-1/2-4	1/2	48	12	16	7.13	1.5	1.5	40
16-1/2-6	1/2	72	36	24	10	1.5	1.5	100
16-1/2-8	1/2	96	48	32	10	1.5	1.5	135
16-1/2-10	1/2	120	60	40	10	1.5	1.5	145
16-1-6	1	72	36	24	10	1.5	1.5	100
16-1-8	1	96	48	32	11	1.5	1.5	140
16-1-10	1	120	60	40	11	1.5	1.5	175
16-2-6	2	72	36	24	12	3.25	2	130
16-2-8	2	96	48	32	13.50	3.25	2	200
16-2-10	2	120	60	40	14.50	3.25	2	280
16-4-8	4	96	48	32	16.75	4.75	4.75	290
16-4-10	4	120	60	40	18.75	4.75	4.75	420
16-4-12	4	144	72	48	18.75	4.75	4.75	500
16-5-8	5	96	48	32	18.75	6.5	4.75	320
16-5-10	5	120	60	40	20.25	6.5	4.75	465
16-5-12	5	144	72	48	20.25	6.5	4.75	550
16-7-12	7	144	72	48	23.75	8.5	6.5	790

In Stock - Items with green model numbers ship in 48 hours, excluding weekends and holidays.

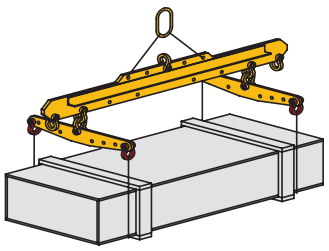
PRODUCT OPERATION



Standard 2-Point Lift



Custom 3-Point Lift

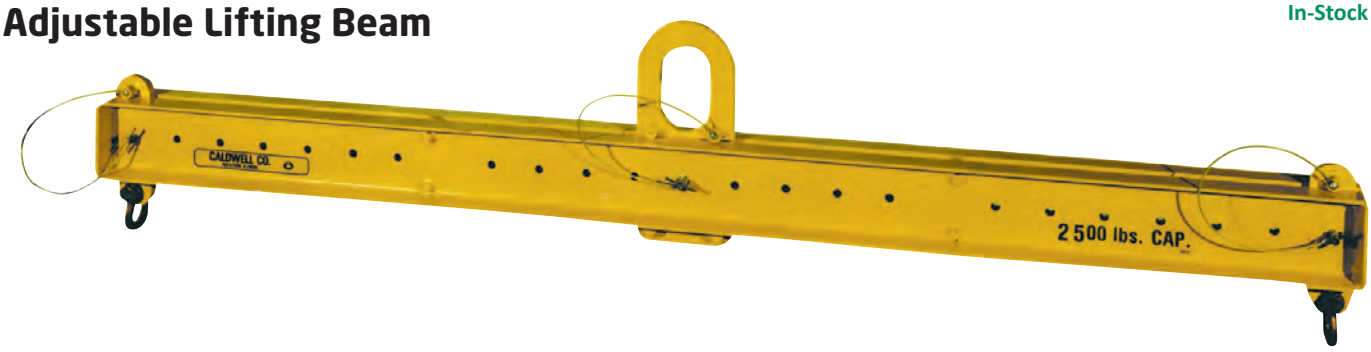


Custom 4-Point Lift

Model 17

Adjustable Lifting Beam

In-Stock



Model 17 Adjustable Lifting Beam features an adjustable bail and lifting points in 6” increments to handle standard and unbalanced loads. Get the set-up you need with a few quick motions.

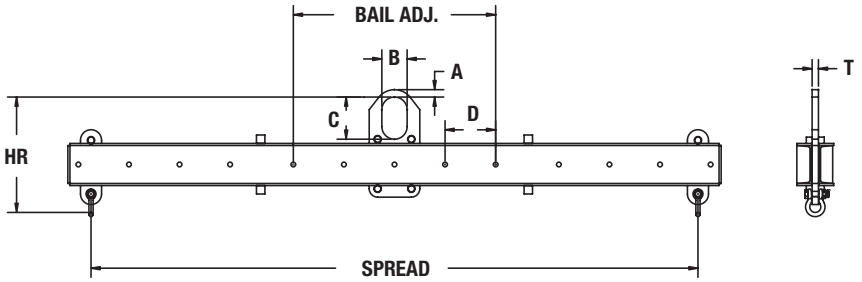
Product Features:

- Bail adjusts horizontally for lifting unbalanced loads
- Provides clearance in low headroom applications
- Spread adjusts in 6” increments along lifting beam
- Shackles included
- Optional swivel hooks available
- Complies with ASME standards

Product Options:

- OPTION S - Pair of swivel hooks

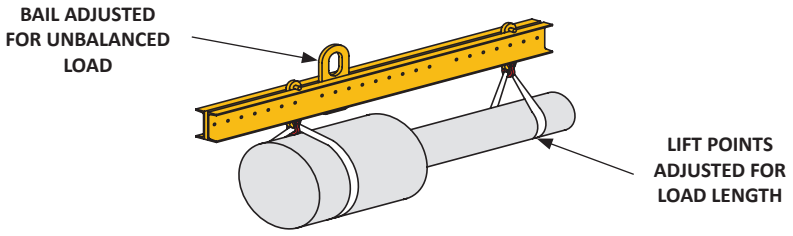
MODEL 17



Model Number	Rated Capacity (tons)	Spread (in.)		Bail Adjustment		HR Headroom (in.)	Shackle Size (tons)	Bail Dimensions (in.)				Weight (lbs.)
		Max.	Min.	Range (in.)	D (in.)			A	B	C	T	
17-1 1/4-6	1-1/4	72	36	24	6	14.7	2	1 1/2	3	5	5/8	150
17-2-6	2	72	36	24	6	14.7	2	1 1/2	3	5	5/8	155
17-4-8	4	96	54	36	6	19.8	3 1/4	2	4	7	3/4	285
17-5-10	5	120	60	36	6	22.4	4 3/4	2	4	7	1	475

In Stock - Items with green model numbers ship in 48 hours, excluding weekends and holidays.

PRODUCT OPERATION



Lifting vs. Spreading Beam

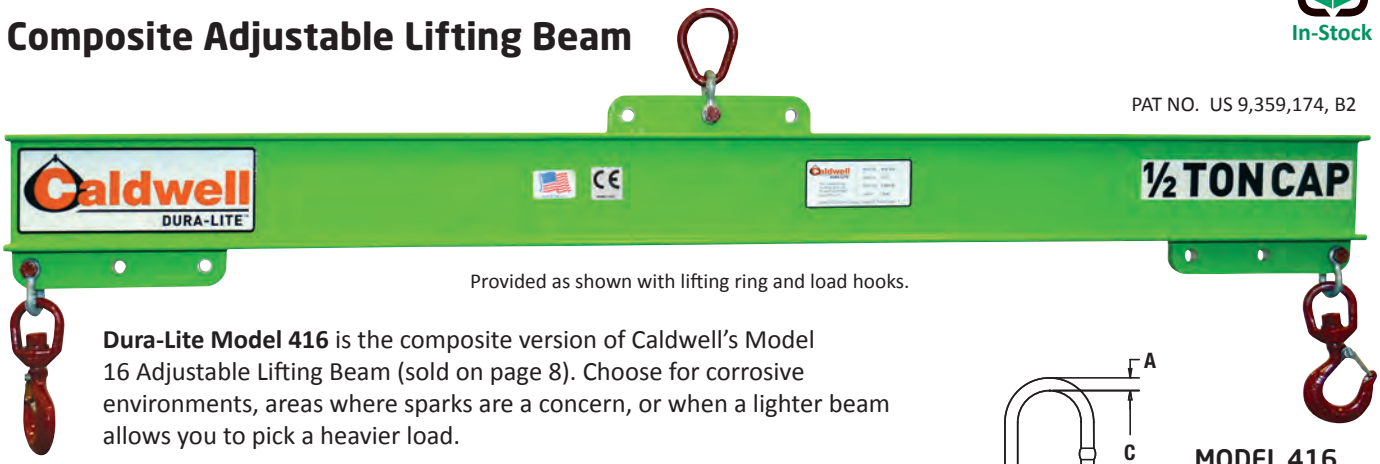
What’s the Difference? Lifting beams are typically designed for a bending moment versus the spreader beam that incorporates top rigging and is designed for a compressive load. For the rest of the story, visit the Caldwell Blog here: **caldwellinc.com/blog**

Dura-Lite™ Model 416

Composite Adjustable Lifting Beam

In-Stock

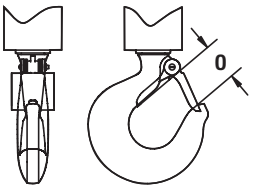
PAT NO. US 9,359,174, B2



Provided as shown with lifting ring and load hooks.

Dura-Lite Model 416 is the composite version of Caldwell's Model 16 Adjustable Lifting Beam (sold on page 8). Choose for corrosive environments, areas where sparks are a concern, or when a lighter beam allows you to pick a heavier load.

MODEL 416



Product Features:

- Lightweight beam gives you additional load capacity while protecting riggers' backs
- Non-conductive; corrosion-resistant material won't rust
- 1/4- to 3-ton capacities
- Complies with ASME B30.20, design category B, service class 4
- Proof tested with certificate issued
- DURA-LITE™ product is compliant with European Community standards CE

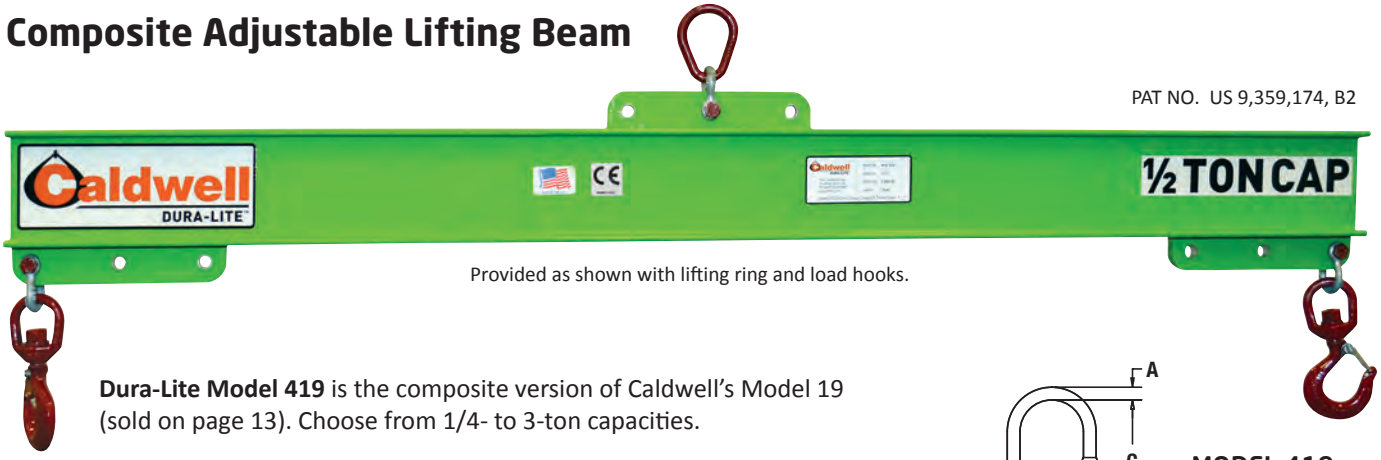
Capacity Metric Tons (Kg.)	Model Number	Spread						Bail Adj. Increment		Headroom		Beam Only Weight		Weight With Hardware		Bail Dimension Inches (mm)			Hook O
		Max.		Middle		Min.													
		Inches	Meters	Inches	Meters	Inches	Meters	Inches	Meters	Inches	Meters	Pounds	Kilo-grams	Pounds	Kilo-grams	A	B	C	
1/4 (250)	416-1/4-2	24	0.6	18	0.5	12	0.3	3	0.08	13.5	0.3	7	3.2	9	4.1	0.38 (9)	1.5 (38)	2 (51)	0.89 (22)
	416-1/4-3	36	0.9	30	0.8	24	0.6	3	0.08	13.5	0.3	9	4.1	11	5.0				
	416-1/4-4	48	1.2	42	1.1	36	0.9	3	0.08	13.5	0.3	11	5.0	13	5.9				
	416-1/4-6	72	1.8	60	1.5	48	1.2	6	0.15	16.5	0.4	27	12.2	28	12.7				
	416-1/4-8	96	2.4	84	2.1	72	1.8	6	0.15	16.5	0.4	32	14.5	35	15.9				
	416-1/4-10	120	3.0	108	2.7	96	2.4	6	0.15	18.5	0.5	74	24.5	76	34.5				
	416-1/4-12	144	3.7	132	3.4	120	3.0	6	0.15	18.5	0.5	87	28.6	89	40.4				
	416-1/4-14	168	4.3	156	4.0	144	3.7	6	0.15	18.5	0.5	101	45.8	103	46.7				
1/2 (500)	416-1/2-2	24	0.6	18	0.5	12	0.3	3	0.08	13.9	0.4	9	4.1	11	5.0	0.38 (9)	1.5 (38)	1.9 (48)	0.89 (22)
	416-1/2-3	36	0.9	30	0.8	24	0.6	3	0.08	13.9	0.4	10	4.5	13	5.9				
	416-1/2-4	48	1.2	42	1.1	36	0.9	3	0.08	14.9	0.4	14	6.4	16	7.3				
	416-1/2-6	72	1.8	60	1.5	48	1.2	6	0.15	16.9	0.4	30	13.6	32	14.5				
	416-1/2-8	96	2.4	84	2.1	72	1.8	6	0.15	18.9	0.5	64	22.2	66	23.1				
	416-1/2-10	120	3.0	108	2.7	96	2.4	6	0.15	18.9	0.5	80	36.3	82	37.2				
1 (1000)	416-1-2	24	0.6	18	0.5	12	0.3	3	0.08	20.4	0.5	14	6.4	20	9.1	0.62 (16)	2.8 (71)	4.5 (114)	0.91 (23)
	416-1-3	36	0.9	30	0.8	24	0.6	3	0.08	20.4	0.5	16	7.3	22	10.0				
	416-1-4	48	1.2	42	1.1	36	0.9	3	0.08	22.4	0.6	23	10.4	29	13.2				
	416-1-6	72	1.8	60	1.5	48	1.2	6	0.15	24.4	0.6	60	21.8	66	24.5				
	416-1-8	96	2.4	84	2.1	72	1.8	6	0.15	25.4	0.6	72	32.7	79	35.8				
2 (2000)	416-2-2	24	0.6	18	0.5	12	0.3	3	0.08	23.5	0.6	19	8.6	30	13.6	0.62 (16)	2.8 (71)	4.3 (114)	1.09 (27)
	416-2-3	36	0.9	30	0.8	24	0.6	3	0.08	25.5	0.6	25	11.3	36	16.3				
	416-2-4	48	1.2	42	1.1	36	0.9	3	0.08	27.5	0.7	45	20.4	57	25.9				
	416-2-6	72	1.8	60	1.5	48	1.2	6	0.15	27.5	0.7	68	30.8	79	35.8				
3 (3000)	416-3-2	24	0.6	18	0.5	12	0.3	3	0.08	26.5	0.7	22	10.0	38	17.2	0.62 (16)	2.8 (71)	4.3 (114)	1.36 (34)
	416-3-3	36	0.9	30	0.8	24	0.6	3	0.08	26.5	0.7	25	11.3	41	18.6				
	416-3-4	48	1.2	42	1.1	36	0.9	3	0.08	28.5	0.7	45	20.4	62	28.1				

In Stock - Items with green model numbers ship in 48 hours, excluding weekends and holidays.

Dura-Lite™ Model 419

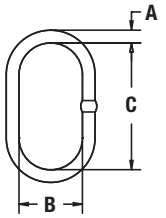
Composite Adjustable Lifting Beam

PAT NO. US 9,359,174, B2

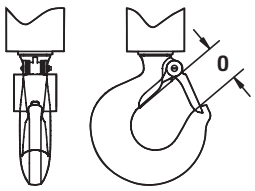


Provided as shown with lifting ring and load hooks.

Dura-Lite Model 419 is the composite version of Caldwell's Model 19 (sold on page 13). Choose from 1/4- to 3-ton capacities.



MODEL 419



Product Features:

- Lightweight beam gives you additional load capacity while protecting riggers' backs
- Non-conductive; corrosion-resistant material won't rust
- 1/4- to 3-ton capacities
- Complies with ASME B30.20, design category B, service class 4
- Proof tested with certificate issued
- DURA-LITE™ product is compliant with European Community standards CE

Capacity Metric Tons (Kg.)	Model Number	Spread		Headroom		Beam Only Weight		Weight With Hardware		Bail Dimension Inches (mm)			Hook
		Inches	Meters	Inches	Meters	Inches	Kilo-grams	Pounds	Kilo-grams	A	B	C	O
1/4 (250)	419-1/4-2	24	0.6	13.5	0.3	6	2.7	8	3.6	0.38 (9)	1.5 (38)	2 (51)	0.89 (22)
	419-1/4-3	36	0.9	13.5	0.3	8	3.6	10	4.5				
	419-1/4-4	48	1.2	13.5	0.3	10	4.5	12	5.4				
	419-1/4-6	72	1.8	16.5	0.4	23	10.4	25	11.3				
	419-1/4-8	96	2.4	16.5	0.4	30	13.6	32	14.5				
	419-1/4-10	120	3.0	18.5	0.5	69	22.2	71	23.1				
	419-1/4-12	144	3.7	18.5	0.5	82	46.7	105	47.6				
1/2 (500)	419-1/2-2	24	0.6	13.9	0.4	7	3.2	9	4.1	0.38 (9)	1.5 (38)	1.9 (48)	0.89 (22)
	419-1/2-3	36	0.9	13.9	0.4	9	4.1	11	5.0				
	419-1/2-4	48	1.2	14.9	0.4	12	5.4	14	6.4				
	419-1/2-6	72	1.8	16.9	0.4	25	11.3	27	12.2				
	419-1/2-8	96	2.4	18.9	0.5	58	19.1	60	20.0				
	419-1/2-10	120	3.0	18.9	0.5	77	34.9	79	35.8				
1 (1000)	419-1-2	24	0.6	19.6	0.5	9	4.1	15	6.8	0.62 (16)	2.8 (71)	4.5 (114)	0.89 (23)
	419-1-3	36	0.9	19.6	0.5	11	5.0	17	7.7				
	419-1-4	48	1.2	21.6	0.5	19	8.6	25	11.3				
	419-1-6	72	1.8	23.6	0.6	46	15.4	51	17.7				
	419-1-8	96	2.4	23.6	0.6	62	28.1	67	30.4				
2 (2000)	419-2-2	24	0.6	21.9	0.6	15	6.8	24	10.9	0.62 (16)	2.8 (71)	4.3 (110)	0.91 (23)
	419-2-3	36	0.9	24.1	0.6	24	10.9	33	15.0				
	419-2-4	48	1.2	25.9	0.7	43	20.9	52	25.4				
	419-2-6	72	1.8	25.9	0.7	55	27.2	64	31.3				
3 (3000)	419-3-2	24	0.6	24.9	0.6	21	9.5	32	14.5	0.62 (16)	2.8 (71)	4.3 (110)	1 (25)
	419-3-3	36	0.9	24.9	0.6	24	10.9	35	15.9				
	419-3-4	48	1.2	26.6	0.7	43	20.9	53	26.3				

As Strong As Steel?

Watch the Dura-Lite Destruction Test
We test a 640-lb. spreader beam with a 120" spread at a Yarbrough Cable facility ... just to see what happens! Can you guess?
https://bit.ly/duralite





Model 18

Fixed Twin Basket Sling Lifting Beam

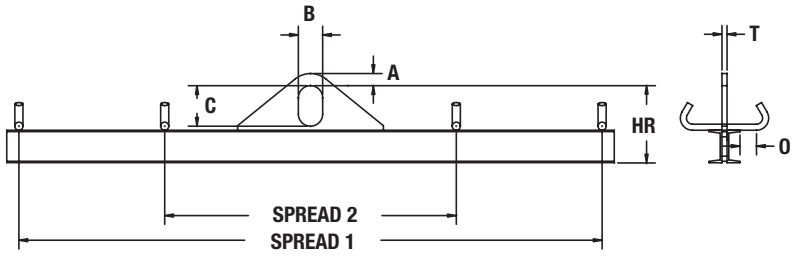


The Fixed Twin Basket Sling Lifting Beam should perhaps be called El Toro for its resemblance to a Longhorn Bull. Just as tough and ready to roll, this unique beam comes standard with two sets of bent bar hooks on all units with a spread of 6'L or greater, but if you need a different configuration, let us know.

Product Features:

- Designed to be used with slings in a basket hitch
- Provides greatest clearance in low-headroom applications
- Two sets of bent bar hooks are standard on units with a spread of 6' and greater
- Spread 2 is 1/2 of spread 1
- Hooks are designed to handle up to a 2" sling eye width
- Complies with ASME standards

MODEL 18



Capacity (tons)	Model Number HR Headroom (in.) Weight (lbs.)	Spread (feet) 3*	4*	6	8	10	12	Other Dimensions (in.)	
1/2	**Model Number** HR Headroom Weight	**18-1/2-3** 8-1/2 40	**18-1/2-4** 8-1/2 48	**18-1/2-6** 8-1/2 78	**18-1/2-8** 8-1/2 95	**18-1/2-10** 8-1/2 113	**18-1/2-12** 9-1/2 171	A=7/8 B=3 C=5	T=3/4 O=2
1	**Model Number** HR Headroom Weight	**18-1-3** 8-1/2 40	**18-1-4** 8-1/2 48	**18-1-6** 9-1/2 93	**18-1-8** 10-1/2 136	**18-1-10** 10-1/2 175	**18-1-12** 11-1/2 239	A=7/8 B=3 C=5	T=3/4 O=2
2	**Model Number** HR Headroom Weight	**18-2-3** 9-1/2 52	**18-2-4** 10-1/2 75	**18-2-6** 10-1/2 139	**18-2-8** 11-1/2 169	**18-2-10** 12-1/2 246	**18-2-12** 13-1/2 326	A=7/8 B=3 C=5	T=3/4 O=2
5	**Model Number** HR Headroom Weight	**18-5-3** 13-1/2 104	**18-5-4** 14-1/2 135	**18-5-6** 15-1/2 211	**18-5-8** 16-1/2 310	**18-5-10** 17-1/2 423	**18-5-12** 19-1/2 618	A=2 B=4 C=7	T=1-1/4 O=2
7 1/2	**Model Number** HR Headroom Weight	**18-7 1/2-3** 12 125	**18-7 1/2-4** 14 185	**18-7 1/2-6** 15 315	**18-7 1/2-8** 17 475			A=2 B=4 C=7	T=1-1/4 O=2

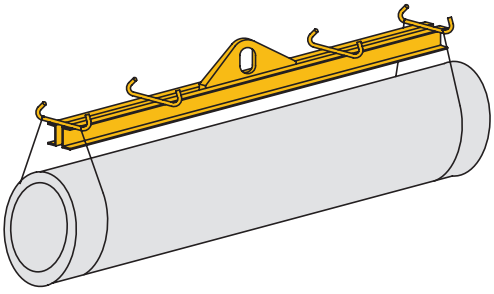
* 3' and 4' beams are provided with one set of bent bar hooks.

Customize Your Model 20

Need to add more bent bar hooks? No problem. Call 800.628.4263 and speak to one of our Customer Service Reps to discuss your exact requirements.

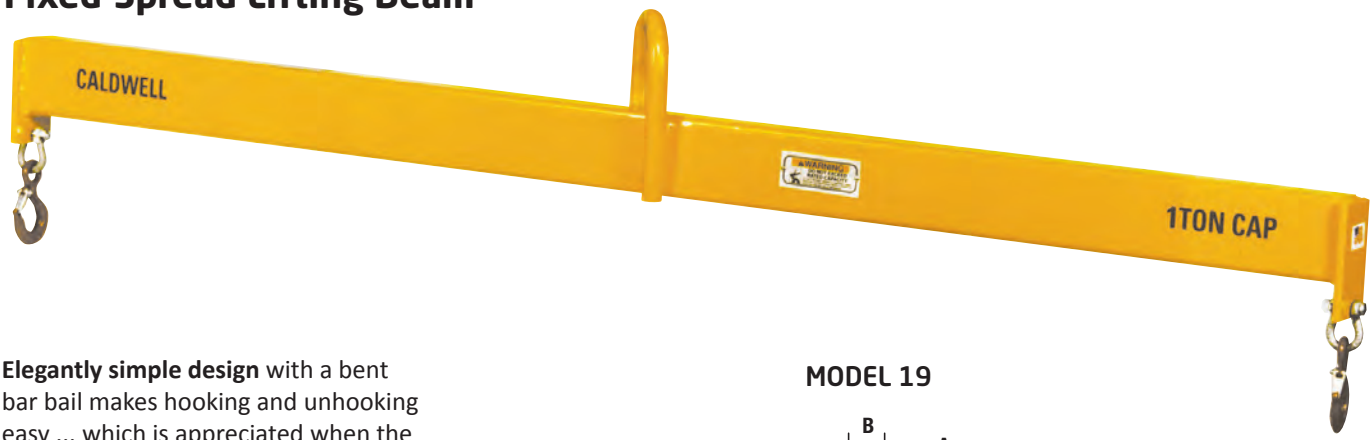


PRODUCT OPERATION



Model 19

Fixed-Spread Lifting Beam

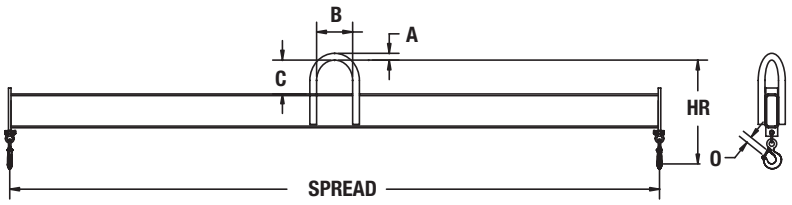


Elegantly simple design with a bent bar bail makes hooking and unhooking easy ... which is appreciated when the day is long and the picks are plentiful.

Product Features:

- Provides clearance in low headroom applications
- Bent bar bail for easy crane hook attachment
- Eye hooks with hook latches standard
- Fixed spread
- Complies with ASME standards

MODEL 19

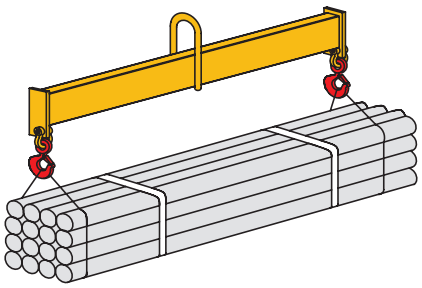


Capacity (tons)	Model Number HR Headroom (in.) Weight (lbs.)	Spread (feet)						Other Dimensions (in.)	
		2	3	4	6	8	10		
1/2	**Model Number** HR Headroom Weight	**19-1/2-2** 13.75 20	**19-1/2-3** 13.75 26	**19-1/2-4** 13.75 33	**19-1/2-6** 13.75 48	**19-1/2-8** 14.75 75	**19-1/2-10** 14.75 93	A=.75 B=3 C=5	O=.89
1	**Model Number** HR Headroom Weight	**19-1-2** 14.75 26	**19-1-3** 14.75 35	**19-1-4** 14.75 44	**19-1-6** 15.75 72	**19-1-8** 15.75 93	**19-1-10** 16.75 131	A=1 B=6 C=5	O=.89
2	**Model Number** HR Headroom Weight		**19-2-3** 17.19 45	**19-2-4** 17.19 55	**19-2-6** 20.19 108	**19-2-8** 20.19 140	**19-2-10** 20.19 188	A=1 B=6 C=5	O=1
3	**Model Number** HR Headroom Weight		**19-3-3** 18.50 58	**19-3-4** 20.50 87	**19-3-6** 20.50 118	**19-3-8** 20.50 222	**19-3-10** 20.50 272	A=1.5 B=6 C=5	O=1

Are You Looking For Slings?

Slings, tie downs, or sling end fittings? Caldwell-brand standard slings, specialty round slings, wire rope slings, alloy chain slings, wire mesh slings, and cargo tie downs are only a call away. Contact us at 800.628.4263 today.

PRODUCT OPERATION



Model 20

Low-Headroom Multiple-Spread Lifting Beam



Versatility is the name of the game with the Model 20 Low-Headroom Multiple-Spread Lifting Beam. Used across the country in manufacturing and industrial applications, it's a favorite on construction sites, too.

With a few dozen standard spreads, lengths and capacities, you're likely to find an economical solution that fits your use. But if you need a multiple-spread or heavy-duty option, see pages 16-19.

And, if none of those work for your specific lift, let us know. We can customize one just for you.

Product Features:

- Beams over 6' and longer have 3 spreads
- 3' & 4' beams have 2 spreads
- Swivel hooks with hook latches standard
- Wide range of sizes and capacities available
- Complies with ASME standards

Standard Feature:

- Three spreads to adjust to the load
  - Outside spread
  - Middle spread (outside less 1')
  - Inside spread (outside less 2')

Product Option:

- Recommend faspins (Option B) if frequent hook position changes (spread) are required.

Capacity (tons)	Model Number HR Headroom (in.) Weight (lbs.)	Outside Spread (feet)		
		3	4	6
1/2	Model Number HR Headroom Weight	20-1/2-3 12-3/4 40	20-1/2-4 12-3/4 50	20-1/2-6 12-3/4 65
1	Model Number HR Headroom Weight	20-1-3 12-3/4 40	20-1-4 12-3/4 50	20-1-6 13-3/4 85
2	Model Number HR Headroom Weight	20-2-3 13-3/4 50	20-2-4 13-3/4 65	20-2-6 14-3/4 100
3	Model Number HR Headroom Weight	20-3-3 15-1/4 70	20-3-4 15-1/4 80	20-3-6 16-1/4 140
5	Model Number HR Headroom Weight	20-5-3 19-1/2 115	20-5-4 20-1/2 145	20-5-6 21-1/2 205
7-1/2	Model Number HR Headroom Weight	20-7 1/2-3 22-1/2 135	20-7 1/2-4 23-1/2 170	20-7 1/2-6 25-1/4 265
10	Model Number HR Headroom Weight	20-10-3 23-1/4 150	20-10-4 25-1/4 205	20-10-6 27-1/4 335
15	Model Number HR Headroom Weight	20-15-3 28-1/2 215	20-15-4 30-1/2 295	20-15-6 30-1/2 375
20	Model Number HR Headroom Weight	20-20-3 38-3/4 370	20-20-4 38-3/4 435	20-20-6 38-3/4 575
25	Model Number HR Headroom Weight		20-25-4 41-3/8 470	20-25-6 41-3/8 590
30	Model Number HR Headroom Weight		20-30-4 45-1/2 525	20-30-6 45-1/2 660
40	Model Number HR Headroom Weight		20-40-4 44-3/4 600	20-40-6 47-3/4 930

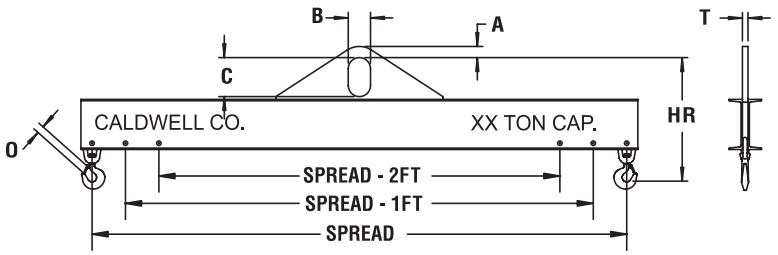
Other sizes available, consult factory.

Show Us Your Model 20

Send us a photo of your Model 20 Low-Headroom Beam in use and we'll send you a Caldwell can cooler. Email images to: **marketing@caldwellinc.com**



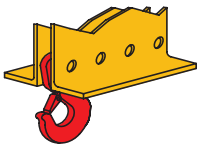
MODEL 20



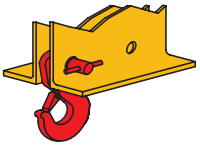
	Outside Spread (feet)									Other Dimensions (in.)	
	8	10	12	14	16	18	20	24	30		
	20-1/2-8 12-3/4 95	**20-1/2-10** 13-3/4 140	**20-1/2-12** 13-3/4 160	**20-1/2-14** 14-3/4 230	**20-1/2-16** 15-3/4 305	**20-1/2-18** 16-3/4 400	**20-1/2-20** 16-3/4 450	**20-1/2-24** 20-1/4 830	**20-1/2-30** 22-1/4 1340	A=7/8 B=3 C=5	T=3/4 O=7/8
	20-1-8 13-3/4 115	**20-1-10** 14-3/4 165	**20-1-12** 15-3/4 230	**20-1-14** 16-3/4 320	**20-1-16** 18-1/2 415	**20-1-18** 20-1/4 605	**20-1-20** 20-1/4 675	**20-1-24** 22-1/4 1095		A=7/8 B=3 C=5	T=3/4 O=7/8
	20-2-8 16-1/2 165	**20-2-10** 17-1/2 230	**20-2-12** 18-1/4 315	**20-2-14** 20-1/4 480	**20-2-16** 20-1/4 540	**20-2-18** 24-3/4 800	**20-2-20** 24-3/4 900	**20-2-24** 27-3/4 1730		A=7/8 B=3 C=5	T=3/4 O=7/8
	20-3-8 17-1/4 200	**20-3-10** 18-1/4 275	**20-3-12** 22-1/2 415	**20-3-14** 24-1/2 650	**20-3-16** 24-1/2 730	**20-3-18** 27-1/2 1295	**20-3-20** 27-1/2 1450	**20-3-24** 27-1/2 1765		A=1-1/4 B=3 C=5	T=1 O=1
	20-5-8 25-1/2 325	**20-5-10** 25-1/2 390	**20-5-12** 27-1/2 580	**20-5-14** 27-1/2 690	**20-5-16** 30-1/4 1210	**20-5-18** 30-1/4 1340	**20-5-20** 30-1/4 1505	**20-5-24** 33-1/4 2275		A=2 B=4 C=7	T=1-1/4 O=1-15/16
	20-7 1/2-8 27-1/4 415	**20-7 1/2-10** 27-1/4 500	**20-7 1/2-12** 30-1/4 910	**20-7 1/2-14** 30-1/4 1070	**20-7 1/2-16** 30-1/4 1600	**20-7 1/2-18** 33 1665				A=2 B=4 C=7	T=1-1/4 O=1-1/2
	20-10-8 27-1/4 420	**20-10-10** 30-1/4 775	**20-10-12** 30-1/4 910	**20-10-14** 30-1/4 1075	**20-10-16** 33 1500	**20-10-18** 33 1670				A=2 B=4 C=7	T=1-1/4 O=1-9/16
	20-15-8 33-1/2 685	**20-15-10** 33-1/2 820	**20-15-12** 40-1/4 1180	**20-15-14** 40-1/4 1385						A=2-1/2 B=5 C=9	T=1-1/2 O=2-1/16
	20-20-8 38-3/4 710	**20-20-10** 41-1/2 1070	**20-20-12** 41-1/2 1235							A=2-1/2 B=5 C=9	T=1-1/2 O=2-1/4
	20-25-8 44-3/8 925	**20-25-10** 44-3/8 1100	**20-25-12** 44-3/8 1650							A=3 B=6 C=12	T=1-3/4 O=2-1/4
	20-30-8 48-1/4 1010									A=3-1/2 B=7 C=16	T=2 O=2-1/4
										A=3-1/2 B=7 C=16	T=2-1/2 O=3

See pages 16 and 17 for these capacities and sizes.

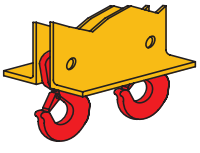
PRODUCT OPTIONS



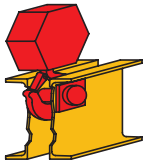
OPTION A
Extra Holes or Different Placement of Holes
Allows multiple hook positioning beyond standard spreads. Specify number and spread(s) required.



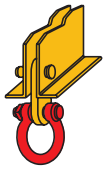
OPTION B
Faspins
For ease of positioning hooks with quick release. Specify number required.



OPTION C
Extra Hooks
Allows for multiple pick points. Specify number required.



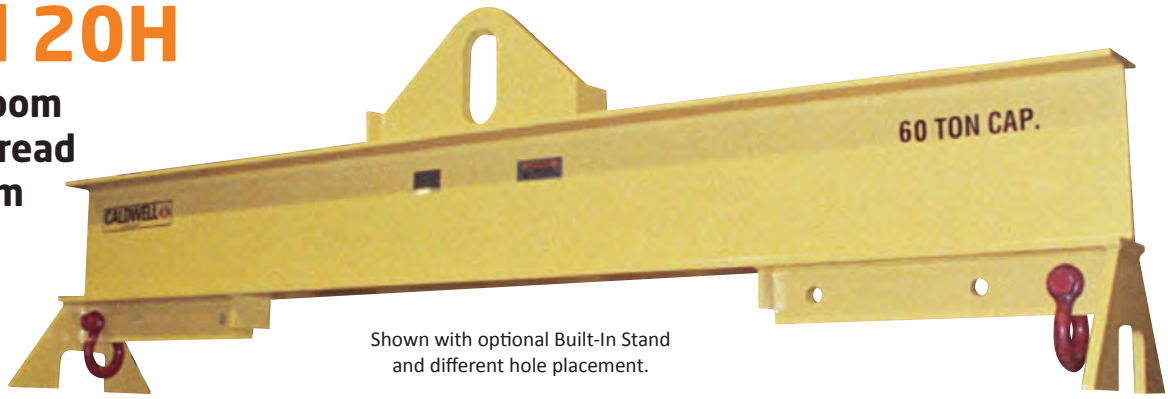
OPTION D
Pin Type Bail
Lifting pin located between structural channel. (Hoist hook information must be supplied.)



OPTION E
Shackle Lug
Lifting lug with shackle. (Headroom may change.)

Model 20H

Low-Headroom Multiple-Spread Lifting Beam



Shown with optional Built-In Stand and different hole placement.

Higher capacities? Greater outside spreads? Both? When you need a more powerful beam to do the work, the Model 20H is ready for the job. Standard units handle up to 40 tons with outside spreads up to 42'L.

If you need something larger, Caldwell can help. Our Mill Duty line of Low-Headroom Multiple-Spread Lifting Beams handles loads up to 375 tons!

Product Features:

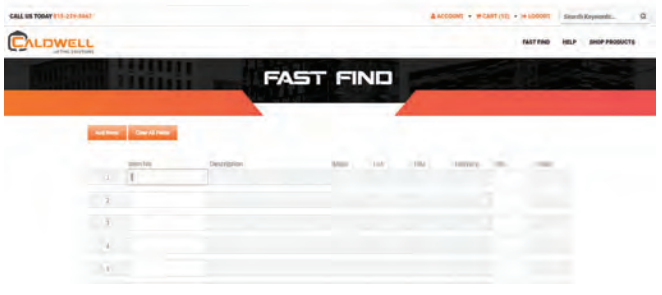
- 'I' beam construction.
- Three spreads to adjust to the load
  - Outside spread
  - Middle spread (outside less 1')
  - Inside spread (outside less 2')
- Swivel hooks with hook latches standard
- Wide range of sizes and capacities available
- Customize your Model 20H with these options: Extra Holes/Different Placement of Holes, Extra Shackles and Swivel Hooks, and/or Built-In Stand
- Complies with ASME standards

Capacity (tons)	Model Number HR Headroom (in.) Weight (lbs.)	Outside Spread (feet)			
		8	10	12	
1	Model Number HR Headroom Weight				
2	Model Number HR Headroom Weight				
3	Model Number HR Headroom Weight				
5	Model Number HR Headroom Weight				
7-1/2	Model Number HR Headroom Weight				
10	Model Number HR Headroom Weight				
15	Model Number HR Headroom Weight				
20	Model Number HR Headroom Weight				
25	Model Number HR Headroom Weight				
30	Model Number HR Headroom Weight		20H-30-10 59.75 1150	20H-30-12 61.50 1395	
40	Model Number HR Headroom Weight	20H-40-8 71.50 1200	20H-40-10 72 1550	20H-40-12 72.25 1840	

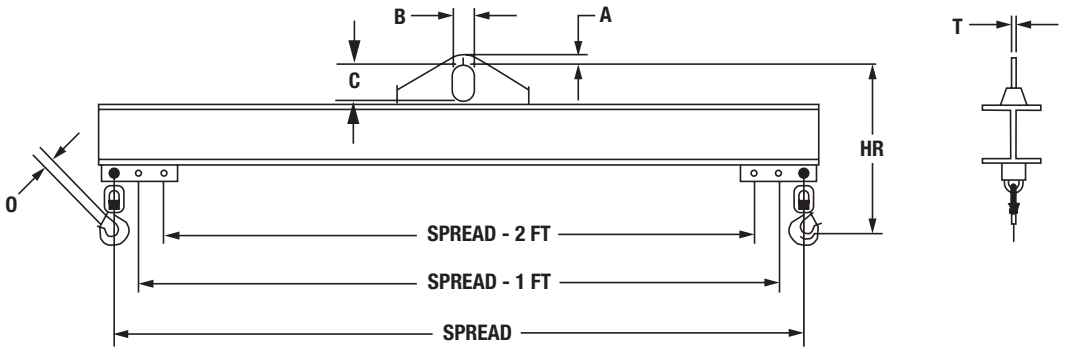
Other sizes available, consult factory.

Find Pricing & Availability Online

Caldwell's Fast Find Pricing & Availability tool allows you to get the information you need to prepare quote – in a flash! Ask your sales rep for access to the new Distributor Portal now at **800.628.4263**.



MODEL 20H



	Outside Spread (feet)									Other Dimensions (in.)	
	14	16	18	20	24	30	34	38	42		
						20H-1-30 24 1250	**20H-1-34** 24 1605	**20H-1-38** 24 2120	**20H-1-42** 26 2810	A=7/8 B=3 C=5	T=3/4 O=7/8
						20H-2-30 24 1560	**20H-2-34** 24 2130	**20H-2-38** 24.50 2680	**20H-2-42** 26.50 3410	A=1-1/2 B=3 C=5	T=1 O=7/8
						20H-3-30 27.25 1840	**20H-3-34** 27.25 2070	**20H-3-38** 27.50 3110	**20H-3-42** 29 3890	A=1-1/2 B=3 C=5	T=1 O=1
						20H-5-30 32 2325	**20H-5-34** 32 3130	**20H-5-38** 34 3950	**20H-5-42** 34 4760	A=2 B=4 C-7	T=1-1/4 O=1-3/8
				20H-7 1/2-20 34.75 1325	**20H-7 1/2-24** 34.75 1890	**20H-7 1/2-30** 35 2790	**20H-7.5-34** 36.75 3560	**20H-7.5-38** 37 4760	**20H-7.5-42** 37 5730	A=2 B=4 C=7	T=1-1/4 O=1-5/8
				20H-10-20 35.75 1500	**20H-10-24** 36 2100	**20H-10-30** 37.75 3190	**20H-10-34** 38 4300	**20H-10-38** 38 5230	**20H-10-42** 38.50 6910	A=2 B=4 C=7	T=1-1/4 O=1-5/8
		20H-15-16 41.50 1350	**20H-15-18** 41.75 1610	**20H-15-20** 42 1915	**20H-15-24** 41.50 2340	**20H-15-30** 42.25 4255	**20H-15-34** 42.25 "5,224"	**20H-15-38** 42.50 6340	**20H-15-42** 43 8420	A=2-1/2 B=5 C=9	T=1-1/2 O=2-1/16
	20H-20-14 45.75 1210	**20H-20-16** 46 1510	**20H-20-18** 46.25 1885	**20H-20-20** 48 2225	**20H-20-24** 48.50 3155	**20H-20-30** 49.25 5040	**20H-20-34** 49.25 6250	**20H-20-38** 55.25 8170	**20H-20-42** 55.50 9930	A=2-3/4 B=5 C=9	T=1-1/2 O=2-1/4
	20H-25-14 55.75 1430	**20H-25-16** 55 1780	**20H-25-18** 56.75 2110	**20H-25-20** 59.75 2590	**20H-25-24** 60 3545	**20H-25-30** 60.75 5380	**20H-25-34** 64 7425	**20H-25-38** 64.50 9100	**20H-25-42** 67.25 11235	A=3 B=6 C=12	T=1-3/4 O=2-1/4
	20H-30-14 61.75 1695	**20H-30-16** 62 2050	**20H-30-18** 67.50 2380	**20H-30-20** 67.75 2850	**20H-30-24** 68 4040	**20H-30-30** 73.75 5725	**20H-30-34** 71.75 7930	**20H-30-38** 69.75 10100	**20H-30-42** 70 12300	A=3-1/2 B=7 C=16	T=2 O=2-1/4
	20H-40-14 72 2220	**20H-40-16** 74.75 2400	**20H-40-18** 75 3100	**20H-40-20** 78 3680	**20H-40-24** 81 4920	**20H-40-30** 84.25 6810	**20H-40-34** 77 9310	**20H-40-38** 80 11500	**20H-40-42** 83 14510	A=3-1/2 B=7 C=16	T=2-1/2 O=3

See pages 14 and 15 for these capacities and sizes.

PRODUCT OPTIONS



OPTION A
Extra Holes or Different Placement of Holes
Allows multiple hook positioning beyond standard 3 spreads. Specify number and spread(s) required.

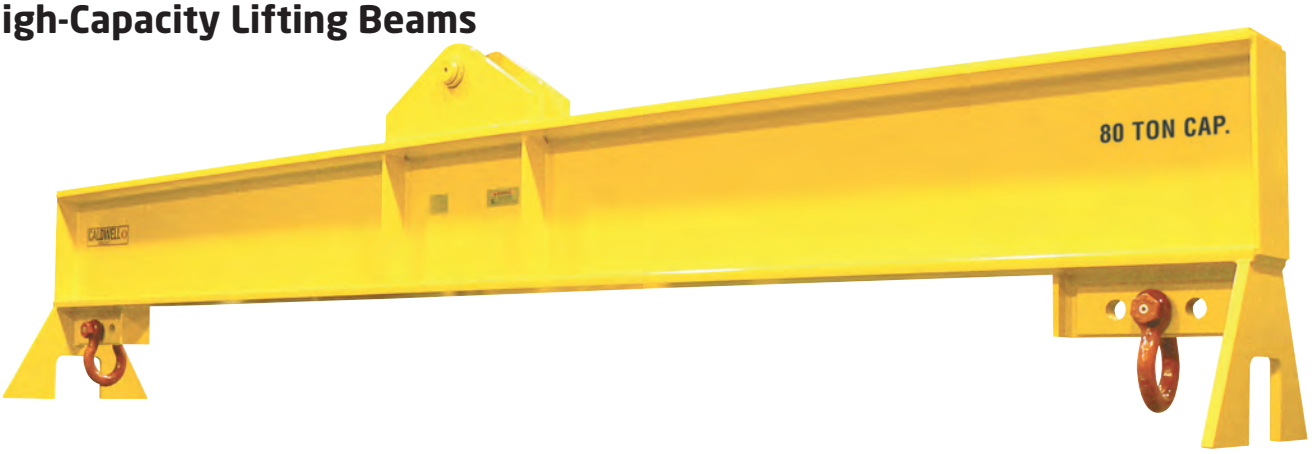
OPTION B
Extra Shackles and Swivel Hooks
Allows for multiple pick points or eliminates the need to move hardware for different size loads.



OPTION C
Built In Stand
Keeps beam upright for easy crane hook attachment (pictured above).

Model 20HC

High-Capacity Lifting Beams



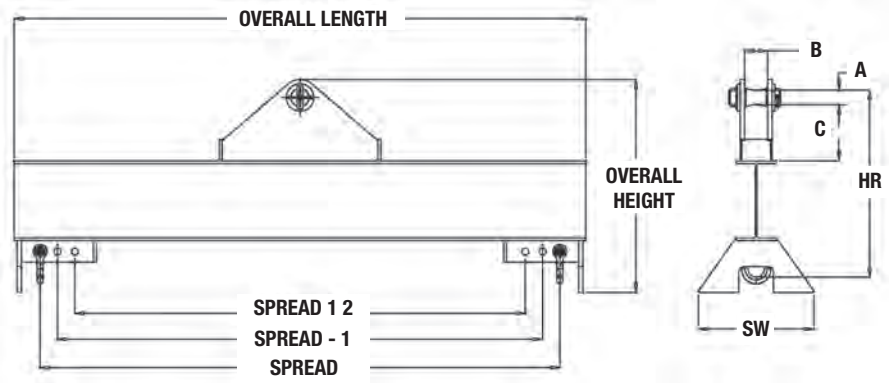
Big loads? Heavy picks? Super-size lifts? No worries. The Model 20HC is ready and willing to do the work. With built-in beam stands and reinforced I-beam construction, this beauty is ready for whatever you throw at it.

Product Features:

- Heavy-duty I-beam construction
- Built-in beam stands for easy storage
- Pin bail allows for quick attachment of large crane hook
- Beams have three spreads for flexibility
- Lifting shackles are standard
- Complies with ASME standards



MODEL 20HC



Capacity (tons)	Model Number	Spread (ft.)	Dimensions (inches)							Weight (lbs.)
			Overall Length	HR Headroom	Overall Height	A	B	C	SW	
50	**20HC-50-10** **20HC-50-15** **20HC-50-20**	10 15 20	138 198 258	60.31 60.73 61.25	70.31 70.73 71.25	5	8	19.5	40	2881 3841 5161
65	**20HC-65-10** **20HC-65-15** **20HC-65-20**	10 15 20	138 198 258	61.38 64.5 67.8	70.51 73.63 76.93	5	8	19.5	40	3059 4117 5801
80	**20HC-80-10** **20HC-80-15** **20HC-80-20**	10 15 20	138 198 258	67.1 70.21 73.56	76.98 80.09 83.44	5.5	8	21.25	44	3663 4808 6674

Other sizes available, consult factory.

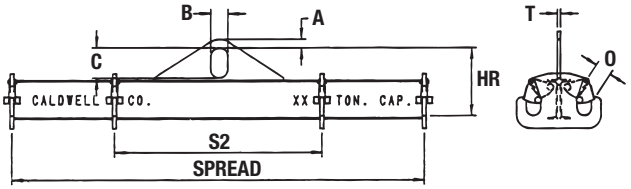


Model 22

Heavy-Duty Twin Basket Sling Lifting Beam



MODEL 22



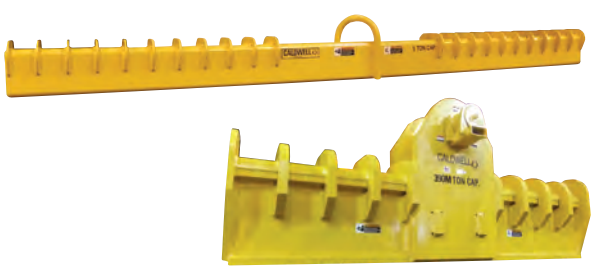
Product Features:

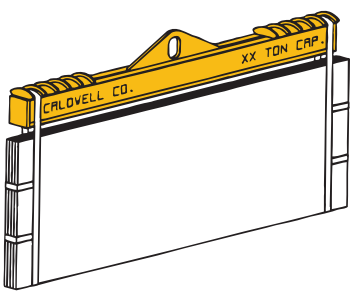
- Designed to be used with slings in a basket hitch
- Specially designed hooks with hook latches minimize potential sling damage
- Two sets of fixed hooks are standard in all lengths over 4'
- The inner set of hooks (S2) are 1/2 the overall spread
- Extra spreads available upon request
- Complies with ASME standards

Cap. (tons)	Model Number HR Headroom (in.) Weight (lbs.)	Spread (feet) 3	4	6	8	10	12	14	16	18	20	24	30	Other Dimensions (in.)	
1/2	**Model Number** HR Headroom Weight	**22-1/2-3** 8-1/2 50	**22-1/2-4** 8-1/2 65	**22-1/2-6** 8-1/2 110	**22-1/2-8** 8-1/2 150	**22-1/2-10** 9-1/2 200	**22-1/2-12** 9-1/2 220	**22-1/2-14** 10-1/2 298	**22-1/2-16** 10-1/2 331	**22-1/2-18** 11-1/2 424	**22-1/2-20** 11-1/2 463	**22-1/2-24** 12-1/2 627	**22-1/2-30** 13-1/2 855	A=7/8 B=3 C=5	T=3/4 O=1-1/16
1	**Model Number** HR Headroom Weight	**22-1-3** 8-1/2 50	**22-1-4** 8-1/2 65	**22-1-6** 9-1/2 145	**22-1-8** 10-1/2 210	**22-1-10** 10-1/2 230	**22-1-12** 11-1/2 290	**22-1-14** 11-1/2 338	**22-1-16** 12-1/2 390	**22-1-18** 13-1/2 539	**22-1-20** 13-1/2 588	**22-1-24** 15-1/2 907	**22-1-30** 15-1/2 1150	A=7/8 B=3 C=5	T=3/4 O=1-1/8
2	**Model Number** HR Headroom Weight	**22-2-3** 9-1/2 70	**22-2-4** 10-1/2 90	**22-2-6** 10-1/2 160	**22-2-8** 11-1/2 225	**22-2-10** 12-1/2 300	**22-2-12** 13-1/2 375	**22-2-14** 13-1/2 447	**22-2-16** 14-1/2 515	**22-2-18** 15-1/2 725	**22-2-20** 15-1/2 815	**22-2-24** 17-1/2 1221	**22-2-30** 20-1/2 2272	A=7/8 B=3 C=5	T=3/4 O=1-1/8
5	**Model Number** HR Headroom Weight	**22-5-3** 13-1/2 90	**22-5-4** 14-1/2 160	**22-5-6** 15-1/2 275	**22-5-8** 16-1/2 350	**22-5-10** 16-1/2 450	**22-5-12** 16-1/2 500	**22-5-14*** 19 854	**22-5-16*** 19-1/2 940	**22-5-18*** 22-1/2 1398	**22-5-20*** 22-1/2 1650	**22-5-24*** 22-1/2 2144	**22-5-30*** 25-1/2 2330	A=2 B=4 C=7	T=1 T=1-1/4* O=1-1/8
7-1/2	**Model Number** HR Headroom Weight	**22-7 1/2-3** 14-1/2 155	**22-7 1/2-4** 15-1/2 180	**22-7 1/2-6** 16-1/2 330	**22-7 1/2-8** 17-1/2 410	**22-7 1/2-10** 17-1/2 500	**22-7 1/2-12** 19-1/2 700	**22-7 1/2-14** 22-1/2 1162	**22-7 1/2-16** 22-1/2 1300	**22-7 1/2-18** 22-1/2 1468	**22-7 1/2-20** 22-1/2 1606	**22-7 1/2-24** 25-1/2 2354	**22-7 1/2-30** 25-1/2 2877	A=2 B=4 C=7	T=1-1/4 O=1-3/4
10	**Model Number** HR Headroom Weight	**22-10-3** 15-1/2 150	**22-10-4** 16-1/2 200	**22-10-6** 17-1/2 360	**22-10-8** 19-1/2 500	**22-10-10** 22-1/2 850	**22-10-12** 19-1/2 1000	**22-10-14** 22-1/2 1147	**22-10-16** 22-1/2 1299	**22-10-18** 25-1/2 1741	**22-10-20** 25-1/2 1943	**22-10-24** 25-1/2 2335	**22-10-30** 25-1/2 2962	A=2 B=4 C=7	T=1-1/4 O=1-3/4
15	**Model Number** HR Headroom Weight	**22-15-3** 18-1/2 397	**22-15-4** 19-1/2 471	**22-15-6** 21-1/2 970	**22-15-8** 21-1/2 1240	**22-15-10** 24-1/2 1256	**22-15-12** 27-1/2 1980	**22-15-14** 27-1/2 2065	**22-15-16** 27-1/2 2100	**22-15-18** 27-1/2 2391	**22-15-20** 27-1/2 2584	**22-15-24** 27-1/2 4045	**22-15-30** 30 4100	A=2-1/2 B=5 C=9	T=1-1/2 O=4
20	**Model Number** HR Headroom Weight	**22-20-3** 19-1/2 253	**22-20-4** 21-1/2 328	**22-20-6** 21-1/2 910	**22-20-8** 24-1/2 1000	**22-20-10** 24-1/2 1150	**22-20-12** 24-1/2 1740	**22-20-14** 27-1/2 1935	**22-20-16** 27-1/2 2210	**22-20-18** 27-1/2 2480	**22-20-20** 27-1/2 2755	**22-20-24** 31 3500	**22-20-30** 31 4500	A=2-1/2 B=5 C=9	T=1-1/2 O=4

Model 22G - custom designed lifter with segmented sling saddle on the top of the beam can further reduce beam headroom and increased sling spread adjustment.

Model 22G: Choose a custom designed lifter with a segmented sling saddle on the top of the beam to further reduce headroom and increase spread adjustments.





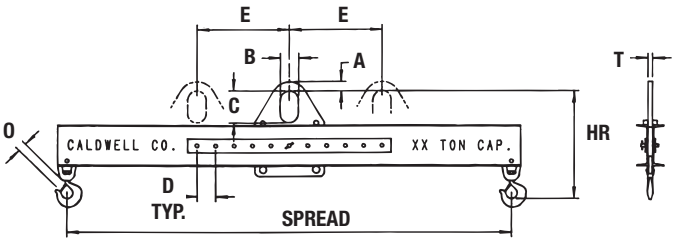
Model 24

Adjustable Bail Lifting Beam



MODEL 24

Off-center loads are easier than ever with the **Model 24 Adjustable Bail Lifting Beam**. Simply slide the bail along the channel and lock it into preset positions. Simple concept. Fantastic results.



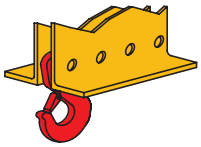
Product Features:

- Handles off-center loads by adjusting the bail before a lift
- Adjustable spread options available
- Swivel hooks with hook latches standard
- Wide range of sizes and capacities available
- Complies with ASME standards

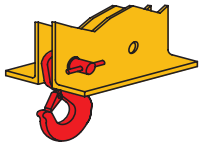
Rated Capacity (tons)	Model Number HR Headroom (in.) Weight (lbs.)	Spread (feet)										Other Dimensions (in.)	
		3	4	6	8	10	12	14	16	18	20		
1/2	Model Number HR Headroom Weight	24-1/2-3 13-1/2 47	24-1/2-4 13-1/2 56	24-1/2-6 13-1/2 75	24-1/2-8 12-5/8 82	24-1/2-10 13-1/2 95	24-1/2-12 13-1/2 147	24-1/2-14 13-1/2 168	24-1/2-16 14-1/2 255	24-1/2-18 14-1/2 278	24-1/2-20 14-1/2 304	A=1-1/2 B=3 C=5	T=5/8 O=1
1	Model Number HR Headroom Weight	24-1-3 13-1/2 47	24-1-4 13-5/8 56	24-1-6 13-5/8 83	24-1-8 14-5/8 126	24-1-10 14-5/8 170	24-1-12 14-5/8 198	24-1-14 15-5/8 268	24-1-16 15-5/8 298	24-1-18 16-1/2 409	24-1-20 16-1/2 449	A=1-1/2 B=3 C=5	T=5/8 O=1
2	Model Number HR Headroom Weight	24-2-3 14 48	24-2-4 15-1/8 89	24-2-6 15-1/8 117	24-2-8 16-1/8 170	24-2-10 18-1/2 240	24-2-12 17-1/8 278	24-2-14 18-1/4 369	24-2-16 18-1/4 416	24-2-18 19-1/2 547	24-2-20 19-1/2 605	A-1-1/2 B=3 C=5	T=3/4 O=1
5	Model Number HR Headroom Weight	24-5-3 21-1/2 140	24-5-4 21-1/2 160	24-5-6 21-1/2 215	24-5-8 22-1/2 304	24-5-10 23-1/2 430	24-5-12 27 633	24-5-14* 27 664	24-5-16* 28 746	24-5-18* 29 1321	24-5-20* 30-3/8 1525	A=2 B=4 C=7	T=1 O=1 O=1-1/2*
10	Model Number HR Headroom Weight	24-10-3 25-3/4 210	24-10-4 25-3/4 211	24-10-6 28-3/4 432	24-10-8 28-3/4 522	24-10-10 31-3/4 759	24-10-12 31-3/4 993	24-10-14 31-3/4 1128	24-10-16 31-3/4 1257	24-10-18 34-3/4 1738	24-10-20 34-3/4 1908	A=2 B=4 C=7	T=1-1/4 O=1-3/4
15	Model Number HR Headroom Weight	24-15-3 28-1/4 252	24-15-4 30-1/2 330	24-15-6 33-1/2 502	24-15-8 33-1/2 542	24-15-10 33-1/2 882	24-15-12 37 1455	24-15-14 37 1630	24-15-16 37 1800			A=2-1/2 B=5 C=9	T=1-1/2 O=2
20	Model Number HR Headroom Weight	24-20-3 31 315	24-20-4 34 399	24-20-6 37 735	24-20-8 34 720	24-20-10 37 1276	24-20-12 37 1251					A=2-1/2 B=5 C=9	T=1-1/2 O=2

Other Dimensions (in.)	D=3 E=6	D=3 E=9	D=3 E=12	D=4 E=16	D=4 E=20	D=4 E=24	D=6 E=30	D=6 E=36	D=6 E=42	D=6 E=48

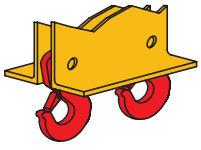
PRODUCT OPTIONS



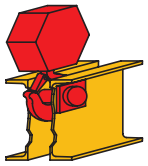
OPTION A
Extra Holes
Allows for multiple hook positioning. Specify number and spread(s) required. *Could increase headroom.



OPTION B
Faspins
For ease of positioning hooks with quick release. Specify number of faspins required.



OPTION C
Extra Hooks
Allows for multiple pick points. Specify number of hooks required.



OPTION D
Pin Type Bail
Lifting pin located between structural channel. (Hoist hook information must be supplied.)

Model 26

Load Leveler Lifting Beam



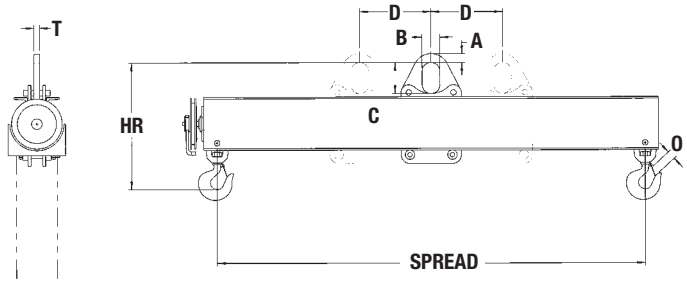
* 4' minimum length

Like the Model 24, the **Model 26 Load Leveler Lifting Beam** gives you the ability to slide the bail to handle off-center loads. But with this design, you can place the bail literally anywhere ... no preset slots to lock into. So you have complete control.

Product Features:

- Handles off-center loads by adjusting the bail before a lift
- Infinite adjustment of bail within range
- Swivel hooks with hook latches standard
- Wide range of sizes and capacities available
- Complies with ASME standards

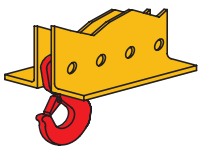
MODEL 26



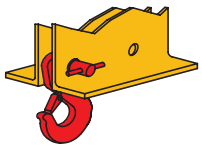
Rated Capacity (tons)	Model Number HR Headroom (in.) Weight (lbs.)	Spread (feet) 4	6	8	10	12	14	16	18	20	24	Other Dimensions (in.)	
2	Model Number HR Headroom Weight	**26-2-4** 15-1/8 135	**26-2-6** 15-1/8 185	**26-2-8** 16-1/8 260	**26-2-10** 17-1/8 329	**26-2-12** 17-1/8 377	**26-2-14** 18-1/8 481	**26-2-16** 18-1/8 538	**26-2-18** 19-1/8 680	**26-2-20** 19-1/8 750	**26-2-24** 20-1/8 1265	A=1-1/2 B=3 C=5	T=5/8 O=1
5	Model Number HR Headroom Weight	**26-5-4** 21-1/2 170	**26-5-6** 21-1/2 270	**26-5-8** 23-1/2 382	**26-5-10** 23-1/2 475	**26-5-12** 25-1/2 681	**26-5-14** 25-1/2 777	**26-5-16** 25-1/2 950	**26-5-18** 28-1/2 1455	**26-5-20** 28-1/2 1603	**26-5-24** 28-1/2 2345	A=2 B=4 C=7	T=1 O=1
10	Model Number HR Headroom Weight	**26-10-4** 25-3/4 257	**26-10-6** 28-3/4 440	**26-10-8** 28-3/4 522	**26-10-10** 31-3/4 940	**26-10-12** 31-3/4 1094	**26-10-14** 31-3/4 1243	**26-10-16** 31-3/4 1388	**26-10-18** 34-3/4 1875	**26-10-20** 34-3/4 2056	**26-10-24** 34-3/4 2560	A-2 B=4 C=7	T=1-1/4 O=1-3/4
15	Model Number HR Headroom Weight	**26-15-4** 30-1/2 376	**26-15-6** 33-1/2 565	**26-15-8** 33-1/2 622	**26-15-10** 33-1/2 972	**26-15-12** 36-1/2 1319	**26-15-14** 36-1/2 1418	**26-15-16** 36-1/2 1513				A=2-1/2 B=5 C=9	T=1-1/2 O=1-3/4
20	Model Number HR Headroom Weight	**26-20-4** 34 445	**26-20-6** 37 798	**26-20-8** 37 900	**26-20-10** 37 1050	**26-20-12** 37 2250						A=2-1/2 B=5 C=9	T=1-1/2 O=2

Bail Adjustment (in.)	D=8	D=12	D=16	D=20	D=24	D=28	D=32	D=36	D=40	D=48

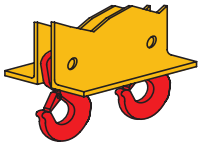
PRODUCT OPTIONS



OPTION A
Extra Holes
Allows for multiple hook positioning. Specify number and spread(s) required.
*Could increase headroom.



OPTION B
Faspins
For ease of positioning hooks with quick release. Specify number of faspins required.



OPTION C
Extra Hooks
Allows for multiple pick points. Specify number of hooks required.

OPTION D
Motorized Adjustment
Please see our Posi-Leveler™

Model 26P

Posi-Leveler™ Motorized Load Leveling Beam



Show with optional additional spreads and special swivel bearing load hooks.

The Posi-Leveler™ allows for motorized adjustment of the beam's central lifting point during the lift to always maintain a balanced load. This feature can be used for fine adjustment of the center of gravity during the lift. Leveling uneven loads during the lift saves rigging time and promotes a safer work environment.

Product Features:

- Motorized Posi-Leveler™ adjusts to the center of gravity during lift
- Swivel hooks with hook latches are standard
- Custom sizes are available
- Additional spreads available
- Push button pendent control with radio control option
- Standard bail adjustment 6" each side of center, with optional 12" adjustment each side of center available

Product Options:

- Power Cord Reel
- Pendent Cord Reel
- Auto-Leveler™ – see pages 96-97 for more information
- Remote Control Push-Button

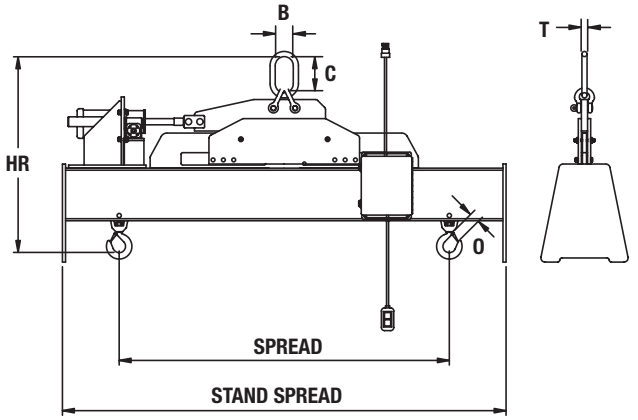
IDEAL FOR:

- Bundles
- Odd or irregular shaped loads
- Weldments
- Paper roll handling
- Sheet handling



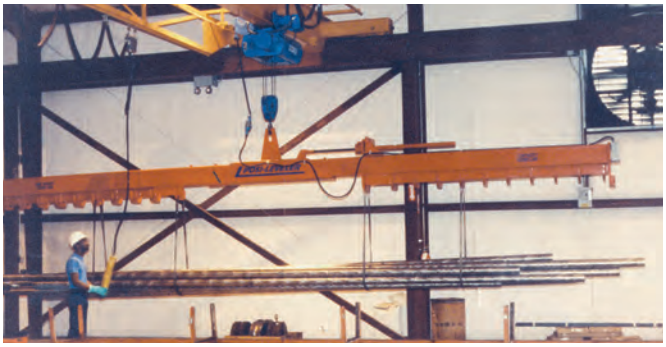
Special 4-point Posi-Leveler™ with load guides.

MODEL 26P



CALDWELL LIFTING SOLUTIONS





Rated Capacity (tons)	Model Number HR Headroom (in.) Weight (lbs.)	Spread (feet)								Other Dimensions (in.)	
		8	10	12	14	16	18	20	24		
2	Model Number HR Headroom Weight	26P-2-8 28.7 370	26P-2-10 29.7 435	26P-2-12 29.7 465	26P-2-14 33 575	26P-2-16 33 620	26P-2-18 35 805	26P-2-20 35 880	26P-2-24 37.4 1300	B=2.8 C=4.8	T=3/4 O=1
3	Model Number HR Headroom Weight	26P-3-8 30.3 405	26P-3-10 31.3 480	26P-3-12 33.3 610	26P-3-14 33.3 695	26P-3-16 33.3 760	26P-3-18 33.3 820	26P-3-20 35.3 1015	26P-3-24 38.3 1300	B=2.8 C=4.8	T=3/4 O=1
5	Model Number HR Headroom Weight	26P-5-8 36.8 620	26P-5-10 36.8 680	26P-5-12 38.8 875	26P-5-14 38.8 990	26P-5-16 38.8 1070	26P-5-18 43.8 1640	26P-5-20 43.8 1800	26P-5-24 44.8 2380	B=3.5 C=6.0	T=1 O=1
7-1/2	Model Number HR Headroom Weight		26P-7 1/2-10 46.8 1105	26P-7 1/2-12 46.8 1185	26P-7 1/2-14 49.5 1680	26P-7 1/2-16 49.5 1815	26P-7 1/2-18 49.5 1950			B=4.4 C=7.5	T=1-1/4 O=1-3/4
10	Model Number HR Headroom Weight		26P-10-10 49.5 1475	26P-10-12 49.5 1610	26P-10-14 49.5 1780	26P-10-16 49.5 1915	26P-10-18 52.5 2375			B=4.4 C=7.5	T=1-1/4 O=1-3/4
15	Model Number HR Headroom Weight		26P-15-10 52.7 1625	26P-15-12 55.7 1980	26P-15-14 55.7 2190					B=5.3 C=9.6	T=1-1/2 O=1-3/4
20	Model Number HR Headroom Weight		26P-20-10 64 1965	26P-20-12 64 2130						B=6.0 C=10.0	T=1-3/4 O=2

Load Leveling & Rotating Made Easy

Caldwell's Posi-Turner® Line makes your material handling processes more ergonimcally efficient and safe, while significantly reducing product damage along the way.

Turn to pages 96-97 to learn more.



Model 27SL

Bulk Container Lifting Beams

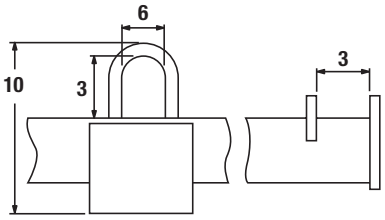
When your facility uses bulk containers with four nylon loops, the **Model 27SL** helps protect the load, operator, and container.



Product Features:

- Tube construction for smooth surface with no sharp edges
- Low-headroom design
- Easily attach to load with open lifting lugs
- Lug spacing will hold up to a 3" wide loop
- Oversized lifting eye to accept a wide range of hooks
- Complies with ASME standards

MODEL 27SL



Note: All dimensions shown in inches.

Model Number	Capacity (lbs.)	Span (in.)	Weight (lbs.)
27SL-1MT-36	2200	36	150
27SL-1MT-48	2200	48	185
27SL-2MT-36	4400	36	155
27SL-2MT-48	4400	48	190

Other sizes available, please consult factory.



WARNING For all Model 27s, lifts can be unstable when connecting below the load's center of gravity. Consult Caldwell for more information.

Model 27SD

Standard Adjustable 4-Point Lifting Beam

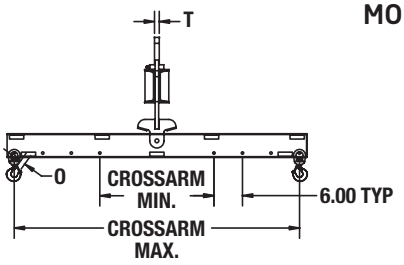
Handle large loads using multiple pick points. Choose from 3-, 5-, or 10-ton capacities with adjustable spreads. For customizations, choose the Model 27F on page 25.

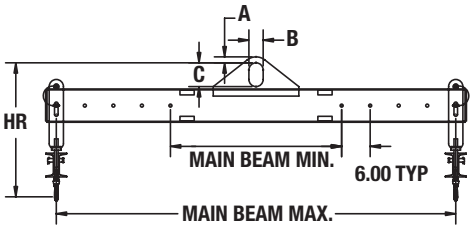


Product Features:

- Low-headroom design
- Swivel hooks with latches standard
- Adjustable spreads on 1' increments
- Faspins for easy crossarm adjustment
- Complies with ASME standards

MODEL 27SD





Model Number	Capacity (tons)	Dimensions (inches)								Weight (lbs.)
		Main Beam Min./ Max.	Crossarms Min./Max.	HR	Bail					
					A	B	C	T	O	
27SD-3-84/60	3	36/84	24/60	28.2	1.25	3	5	1	0.97	375
27SD-5-120/96	5	48/120	36/96	32.7	2	4	7	1.25	1.06	760
27SD-10-144/96	10	72/144	36/96	42.0	2	4	7	1.25	1.41	1530

Custom sizes and capacities available. Please fill out the Lifting Beam Application Evaluation on page 30

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Model 27F

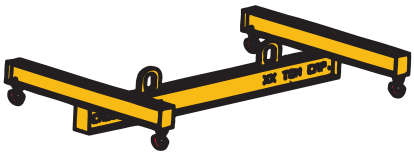
4-Point Lifting Beams

Choose from three design options to build a custom 4-point beam for your specific application: Multiple Bails, Adjustable Bail, or Adjustable Spread. Complies with ASME standards.

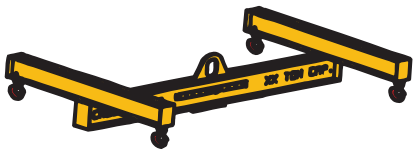
Model Number	Specifications
Model 27F	Call 800.628.4263 for details



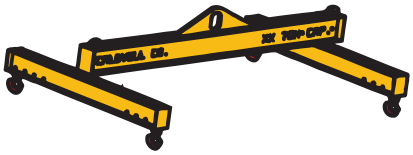
PRODUCT OPTIONS



OPTION A
Multiple Bails
Use 2 or 4 hoists to increase lifting stability.



OPTION B
Adjustable Bail
Used when load-leveling capability is required along length of load.



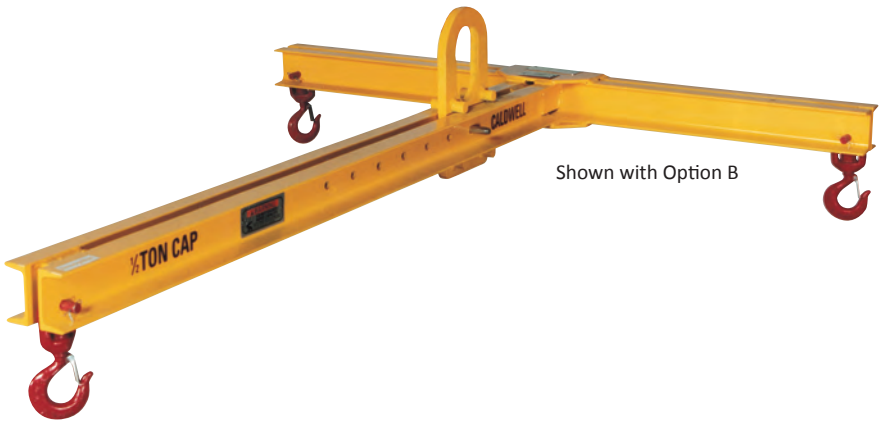
OPTION C
Adjustable Spread
Use when adjustability in length and width is required.

Model 27T

3-Point Lifting Beams

With help from Caldwell engineers, design a 3-point, low-headroom lifting beam to your exact specifications. Multiple pick points allow you to tackle heavy loads. Complies with ASME standards.

Model Number	Specifications
Model 27T	Call 800.628.4263 for details



Shown with Option B

PRODUCT OPTIONS



OPTION A
Multiple Bails
Use 2 hoists to increase lifting stability.



OPTION B
Adjustable Bail
Used when load-leveling capability is required along length of load.



OPTION C
Adjustable Spread
Use when adjustability in length and width is required.

Is there any such thing as a routine pick?

Unique lifting situations call for experience & innovation

How do you prepare for lifting an AC unit this afternoon, a bridge girder on Wednesday, and a wind turbine blade next month?

You count on Caldwell.

With almost 70 years of the below-the-hook experience, we've quite literally seen – and manufactured – it all. From a top-quality, in-stock beam to a high-tech, one-of-a-kind custom transport carriage for the next lunar lander, Caldwell has you covered. **And that's no bull.**

CALDWELL
LIFTING SOLUTIONS

800.628.4263 **caldwellinc.com**

Caldwell Innovates



Dura-Lite™ Composite Beams: Lightweight, non-conductive.



Dura-Mod™ Modular Beams: In stock, bolt-together assembly.

SMARTSPEC™
Product Configurator

Smart Spec® Online Product Configurator: Design the exact beam you need.

Dura-Lite™ Model 427

4-Point Lifting Beam



This low-headroom, 4-point lifting beam handles large loads using multiple pick points. Each unit is custom designed for your specific application. Complies with ASME B30.20, design category B, service class 4.

Free standard UPS ground shipping on all "standard" Dura-Lite™ catalog beams up to 96" length/spread.

Product Features:

- Lightweight
- Non-conductive
- Corrosion resistant
- Available in metric sizes
- Can be built from standard models (Models 419 & 416)
- Custom designs available
- Complies with ASME B30.20, design category B, service class 4
- Proof tested with certificate issued
- DURA-LITE™ product is compliant with European Community standards CE

Model Number	Specifications
Model 427	Call 800.628.4263 for details



Caldwell partnered with Certex Lifting Products to build a custom Dura-Lite lifting system used in the development of the U.S. Navy's Triton MQ-4C Drone. Why Dura-Lite? The testing in the Anechoic Chamber required a material that did not interfere with the electromagnetic testing.

Showing You Our Caldwell

Dura-Lite Destruction Test
Dura-Lite may lightweight, but it is NOT light duty! Watch the destruction test we performed at Yarbrough Cable with a 600-lb beam here: **https://bit.ly/duralite**



Model 25

Twin Hoist Lifting Beam

When you hook this Model 25 Twin Hoist LIfting Beam up to a hoist at each end, you have created a custom lifting device of sorts. By using the hoists in tandem, you increase load stability, which improves load safety.

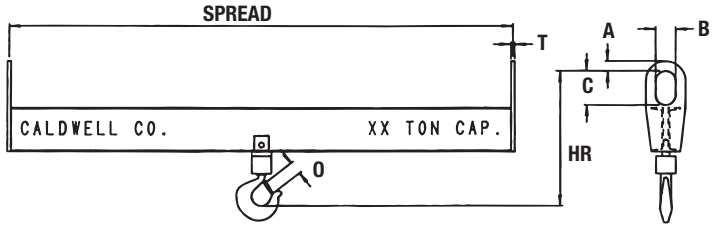
Product Features:

- Use two or more hoists to increase lifting stability
- Swivel hook with hook latch
- Several options are available for added versatility
- Complies with ASME standards



OPTION D
Roller bearing hook shown (standard on 30- and 40-ton models).

MODEL 25

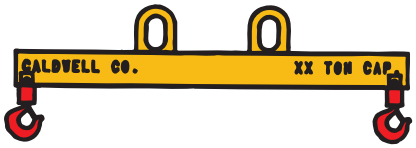


Capacity (tons)	Model Number HR Headroom (in.) Weight (lbs.)	Spread (feet) 6	8	10	12	14	16	18	20	24	Other Dimensions (in.)	
2	**Model Number** HR Headroom Weight	**25-2-6** 16-3/4 125	**25-2-8** 16-3/4 160	**25-2-10** 17-3/4 240	**25-2-12** 17-3/4 280	**25-2-14** 18-3/4 360	**25-2-16** 18-3/4 400	**25-2-18** 18-3/4 530	**25-2-20** 18-3/4 660	**25-2-24** 19-3/4 790	A=1-1/2 B=3 C=5	T=5/8 O=1-1/8
4	**Model Number** HR Headroom Weight	**25-4-6** 20 160	**25-4-8** 21 240	**25-4-10** 22 310	**25-4-12** 23 410	**25-4-14** 23 500	**25-4-16** 25 725	**25-4-18** 25 805	**25-4-20** 25 890	**25-4-24** 26 1695	A=1-1/2 B=3 C=5	T=5/8 O=1-1/2
6	**Model Number** HR Headroom Weight	**25-6-6** 27-1/2 220	**25-6-8** 28-1/2 300	**25-6-10** 28-1/2 380	**25-6-12** 30-1/2 550	**25-6-14** 30-1/2 640	**25-6-16** 30-1/2 780	**25-6-18** 30-1/2 1310	**25-6-20** 30-1/2 1450	**25-6-24** 31-1/2 1735	A-1-1/2 B=3 C=5	T=3/4 O=2-1/16
10	**Model Number** HR Headroom Weight	**25-10-6** 29 340	**25-10-8** 29 420	**25-10-10** 32 800	**25-10-12** 32 920	**25-10-14** 32 1100	**25-10-16** 32 1220	**25-10-18** 32 1705	**25-10-20** 32 1840	**25-10-24** 33 2230	A=2 B=4 C=7	T=1 O=2-1/4
15	**Model Number** HR Headroom Weight		**25-15-8** 38-1/4 740	**25-15-10** 38-1/4 865	**25-15-12** 38-1/4 1050	**25-15-14** 41-1/4 1930	**25-15-16** 41-1/2 2158	**25-15-18** 41-1/2 2290	**25-15-20** 41-1/2 2500		A=2 B=4 C=7	T=1-1/4 O=2-1/4
20	**Model Number** HR Headroom Weight		**25-20-8** 35-1/2 830	**25-20-10** 38-1/2 1130	**25-20-12** 38-1/2 1266	**25-20-14** 38-1/2 1926	**25-20-16** 38-1/2 2196	**25-20-18** 38-1/2 2430			A=2 B=4 C=7	T=1-1/4 O=3
30	**Model Number** HR Headroom Weight		**25-30-8** 54 1120	**25-30-10** 54 1325	**25-30-12** 54 1610						A=2-1/2 B=5 C=9	T=1-1/2 O=3-3/4
40	**Model Number** HR Headroom Weight		**25-40-8** 58-1/2 1165	**25-40-10** 58-1/2 1470	**25-40-12** 58-1/2 1700						A=2-1/2 B=5 C=9	T=1-1/2 O=4-1/4

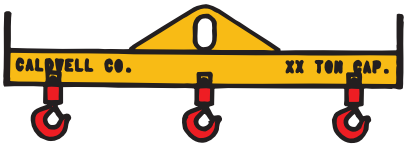
PRODUCT OPTIONS



OPTION A
Off-set hook for hoists of different capacities.



OPTION B
Multiple load hooks, some outside the bail span.



OPTION C
Center bail and extra pair of hooks for maximum versatility.

Model 21

Twin Hoist Rotating Lifting Beams



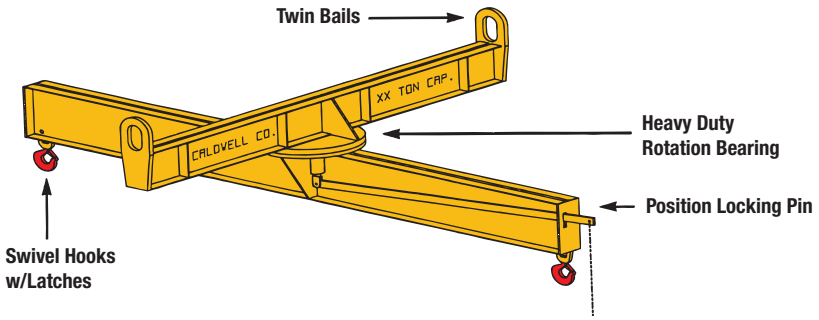
A specially designed lifting and rotating beam using two cranes or two hoists to horizontally rotate a load. A position locking pin holds the load rotation at a designated position. Available with motorized rotation.

Product Features:

- Customize with a wide range of sizes and capacities
- Complies with ASME standards

Model Number	Specifications
Model 21	Call 800.628.4263 for details

MODEL 21



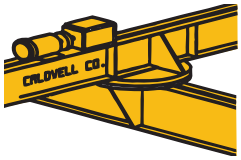
PRODUCT OPTIONS



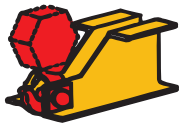
OPTION A
Twin Hooks
Used in conjunction with basket hitch slings.



OPTION B
J Hooks
Generally required to lift paper rolls or similar application. (Use Paper Roll Lifters - Application Evaluation, Page 30)



OPTION C
Motorized Rotation
Allows remote positioning of a load.



OPTION D
Lower HeadRoom Bails
Utilized when headroom must be held to a minimum. Crane hook data must be supplied, see page 30.

Model 28

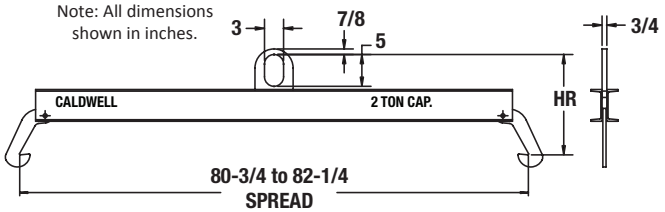
Chlorine Cylinder Lifting Beam



Designed to efficiently handle standard chlorine gas cylinders. Standard size determined by the Chlorine Institute is 80-3/4" to 82-1/4" in length. Special low headroom modification is available.

Model Number	Capacity (tons)	HR Headroom (in.)	Weight (lbs.)
28-2-80/82	2	16-1/2 - 15-1/2	105

MODEL 28



Application Evaluation

LOAD INFORMATION:

Describe load: _____

Maximum weight: _____

Number of pickup points: _____

Distance between (spacing) pickup points: _____

_____

Is load center of gravity centered between outer pick points? ❑ Yes ❑ No

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

_____

What type of attachment to the load?

❑ Shackles ❑ Swivel Hooks ❑ Lifting Slings ❑ Other (specify) _____

Describe specific requirements: _____

_____

CRANE INFORMATION:

Approximate distance between load and crane:

_____

SINGLE CRANE HOIST INFORMATION:

Capacity: _____

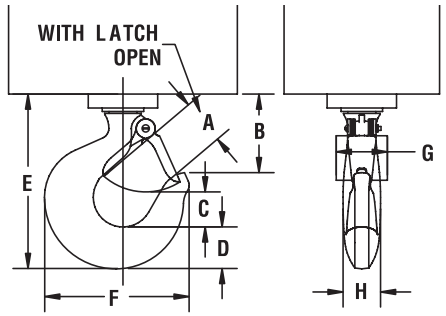
ID Markings: _____

CRANE HOOK DATA:

Hook Manufacturer: _____

Hook Size: _____

ID Markings: _____



INCHES

A _____+0

B _____+0

C _____+0

D _____-0

E _____-0

F _____+/-

G _____-0

H _____-0

MEASUREMENT TOLERANCES

+0 = Measurement should be no larger but can be smaller than actual.
-0 = Measurement should be no smaller but can be larger than actual.
+/- = Measurement can be larger or smaller than actual.

DUAL CRANE HOIST INFORMATION:

Distance between: _____

Same capacity? ❑ Yes ❑ No

If no, specify capacities: _____

_____

Contact: _____

Company: _____

Address: _____

City, State, Zip: _____

Phone: _____

Fax: _____

Email: _____

For a price quote on your specific application, please complete the above form and fax to The Caldwell Group at **815-229-5686** or you can complete this form online at **www.caldwellinc.com/applications.**

Spreader Beams



INDEX

Fixed Spreader Beams 32-35
Dura-Lite™ Spreader Beams 33
High-Capacity Spreader Beams 36-37
End Fittings/Pipe Couplers 38
Dura-Mod® Modular Spreader Beams 39-45
Special System Spreader Beams 46
Spreader Beam Application Evaluation 47

Model 30

Fixed Spreader Beams

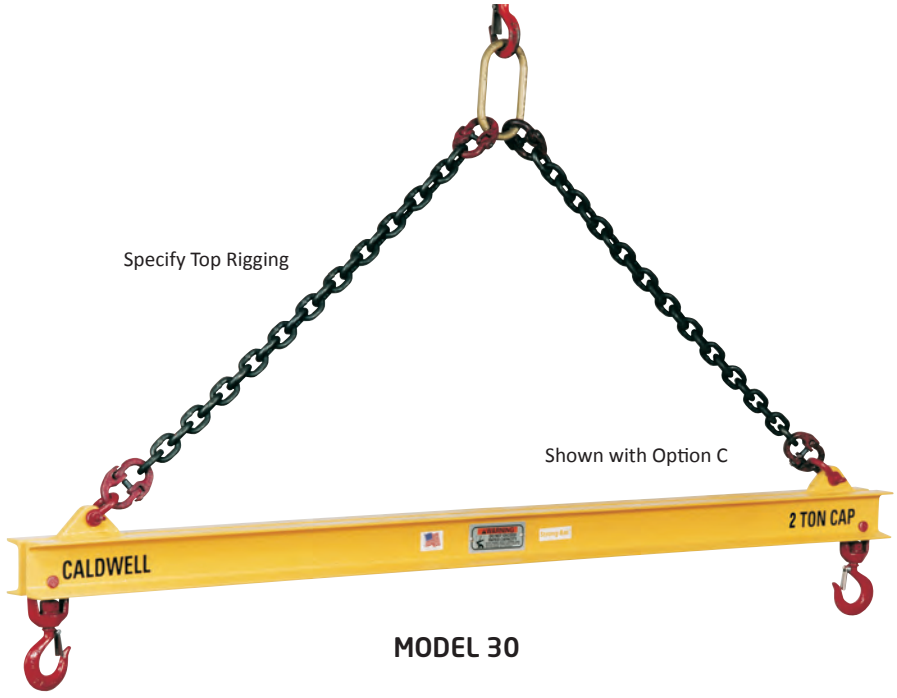
Not all picks require low-headroom beams. And sometimes you need the extra stability of a chain or wire rope rigging. In those situations, the Model 30 Fixed Spreader Beam is the right choice.

Product Features:

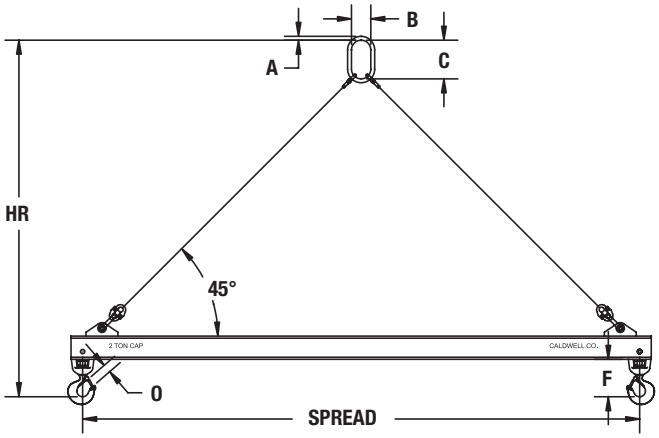
- Ideal where headroom is not limited
- Adds stability to lift
- Available with standard chain or wire rope rigging
- Available with Adjust-A-Leg® rigging for off-center load adjustment (minimum lifting capacity will be approximately 10-15% of beam rating)
- Wide range of additional sizes and capacities available
- Complies with ASME standards

Rigging Options:

- Option A – Adjust-A-Leg® sling top rigging for off-n load adjustment
- Option C – Chain top rigging from beamto crane hook
- Option W – Wire rope top rigging from beam to crane hook



MODEL 30



Capacity (tons)	Model Number HR Headroom (in.) Weight (lbs.)	Spread (feet) 4	6	8	10	12	16	20	24	Other Dimensions (in.)	
2	Model Number HR Headroom Weight	30-2-4 34 45	30-2-6 46 60	30-2-8 58 82	30-2-10 70 95	30-2-12 82 115	30-2-16 106 225	30-2-20 132 408	30-2-24 156 445	A=1/2 B=2-1/2 C=5	F=4-1/4 O=31/32
5	Model Number HR Headroom Weight	30-5-4 37 62	30-5-6 49 78	30-5-8 61 100	30-5-10 73 117	30-5-12 83 168	30-5-16 110 305	30-5-20 134 435	30-5-24 158 661	A=1 B=3-1/2 C=7	F=6 O=1-1/16
10	Model Number HR Headroom Weight	30-10-4 41 100	30-10-6 53 122	30-10-8 64 156	30-10-10 77 180	30-10-12 86 240	30-10-16 113 380	30-10-20 138 532	30-10-24 163 915	A=1-1/4 B=4-3/8 C=8-3/4	F=8-1/8 O=1-1/2
15	Model Number HR Headroom Weight	30-15-4 43 126	30-15-6 55 155	30-15-8 65 185	30-15-10 80 242	30-15-12 92 270	30-15-16 116 420	30-15-20 140 665	30-15-24 167 953	A=1-1/2 B=5-1/4 C=10-1/2	F=9-1/4 O=1-3/4
20	Model Number HR Headroom Weight	30-20-4 46 170	30-20-6 58 200	30-20-8 69 233	30-20-10 82 315	30-20-12 94 350	30-20-16 118 540	30-20-20 140 775	30-20-24 170 1341	A=1-3/4 B=6 C=12	F=9-3/4 O=2
30	Model Number HR Headroom Weight		30-30-6 60 285	30-30-8 70 402	30-30-10 83 440	30-30-12 95 530	30-30-16 120 888	30-30-20 145 1390		A=1-3/4 B=6 C=12	F=9-3/4 O=2
40	Model Number HR Headroom Weight		30-40-6 65 563	30-40-8 77 695	30-40-10 89 781	30-40-12 102 1058	30-40-16 127 1364			A=2 B=7 C=14	F=13 O=2-3/4

NOTE: Weight = Beam and hooks only - (no top rigging).

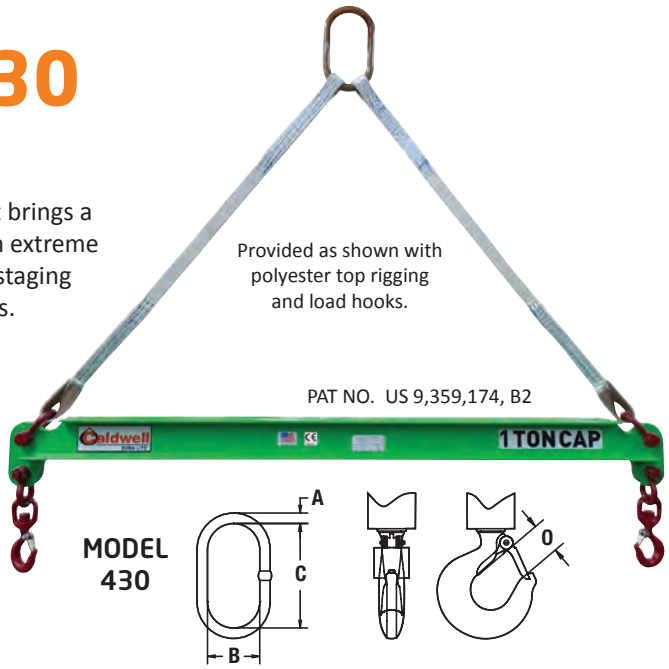
Dura-Lite™ Model 430

Composite Spreader Beam

Get all the benefits of a Model 30 in a lighter weight beam that brings a host of advantages! Composite construction so you can use it in extreme environments. Lighter weight to make lifting, transporting and staging easier on operators. Lift heavier because your beam weighs less.

Product Features:

- Lightweight
- Non-conductive
- Corrosion resistant
- Complies with ASME B30.20, design category B, service class 4
- Proof tested with certificate issued
- DURA-LITE™ product is compliant with European Community standards CE



Capacity Metric Tons (Kg.)"	Model Number	Spread		Headroom		Beam Only Weight		Weight With Hardware		Bail Dimension Inches (mm)			Hook
		Inches	Meters	Inches	Meters	Pounds	Kilograms	Pounds	Kilograms	A	B	C	O
1/4 (250)	430-1/4-2	24	0.6	24	0.6	5	2.3	9	4.1	0.62 (16)	2.8 (71)	5 (127)	0.89 (22)
	430-1/4-3	36	0.9	30	0.8	7	3.2	11	5.0				
	430-1/4-4	48	1.2	36	0.9	9	4.1	13	5.9				
	430-1/4-6	72	1.8	48	1.2	14	6.4	17	7.7				
	430-1/4-8	96	2.4	60	1.5	18	8.2	22	10.0				
	430-1/4-10	120	3.0	72	1.8	22	10.0	26	11.8				
	430-1/4-12	144	3.7	85.5	2.2	42	19.1	46	20.9				
	430-1/4-14	168	4.3	98.5	2.5	91	29.0	95	31.3				
	430-1/4-16	192	4.9	110.5	2.8	104	33.1	108	35.4				
	430-1/4-18	216	5.5	122.5	3.1	117	37.6	121	39.5				
	430-1/4-20	240	6.1	134.5	3.4	132	59.9	137	62.1				
1/2 (500)	430-1/2-2	24	0.6	24.5	0.6	5	2.3	9	4.1	0.62 (16)	2.8 (71)	5 (127)	0.89 (22)
	430-1/2-3	36	0.9	30.5	0.8	7	3.2	11	5.0				
	430-1/2-4	48	1.2	36.5	0.9	10	4.5	14	6.4				
	430-1/2-6	72	1.8	48.5	1.2	14	6.4	18	8.2				
	430-1/2-8	96	2.4	62	1.6	29	13.2	34	15.4				
	430-1/2-10	120	3.0	75	1.9	66	21.3	70	23.1				
	430-1/2-12	144	3.7	87	2.2	80	25.9	84	28.1				
	430-1/2-14	168	4.3	99	2.5	93	42.2	98	44.5				
	430-1/2-16	192	4.9	111	2.8	107	48.5	112	50.8				
1 (1000)	430-1-2	24	0.6	25	0.6	6	2.7	13	5.9	0.62 (16)	2.8 (71)	5 (127)	0.89 (22)
	430-1-3	36	0.9	31	0.8	9	4.1	15	6.8				
	430-1-4	48	1.2	37	0.9	11	5.0	18	8.2				
	430-1-6	72	1.8	51	1.3	25	11.3	32	14.5				
	430-1-8	96	2.4	64	1.6	56	20.0	63	23.1				
	430-1-10	120	3.0	76	1.9	76	34.5	83	37.6				
2 (2000)	430-2-2	24	0.6	27	0.7	11	5.0	22	10.0	0.62 (16)	2.8 (71)	5 (127)	0.91 (23)
	430-2-3	36	0.9	33	0.8	13	5.9	24	10.9				
	430-2-4	48	1.2	40	1.0	21	9.5	32	14.5				
	430-2-6	72	1.8	53	1.3	43	15.4	56	20.9				
	430-2-8	96	2.4	65	1.7	63	28.6	76	34.5				
3 (3000)	430-3-2	24	0.6	27	0.7	11	5.0	24	10.9	0.62 (16)	2.8 (71)	5 (127)	1 (25)
	430-3-3	36	0.9	33	0.8	13	5.9	27	12.2				
	430-3-4	48	1.2	42	1.1	31	11.3	45	18.1				
	430-3-6	72	1.8	54	1.4	49	22.2	64	29.0				

Free standard UPS ground shipping on all "standard" Dura-Lite™ catalog beams up to 96" length/spread.

Build-Your-Own Beam End Fittings

Sometimes, you need to create it yourself. Let Caldwell help. Choose from different end fittings and a pipe coupler to get the beam you want.

Model BEF

Spreader Beam End Fittings

Product Features:

- Designed to work with a range of shackle sizes, both top and bottom
- Sold as eaches, not pairs
- Complies with ASME standards when assembled to specifications using designated pipe and rigging



In-Stock

Model Number	Max. Capacity (tons)*	Schedule 40 Pipe Size	Weight (lbs.) Per Pair
BEF-2-1/2	7.5	2-1/2”	16
BEF-5	17	5”	46
BEF-8	39	8”	266

* System capacity is determined by span, rigging, and hardware, consult factory for complete details.
In Stock - Items with green model numbers ship in 48 hours, excluding weekends and holidays.

Model HC-BEF

High-Capacity Beam End Fittings

Product Features:

- Pivoting lower lugs allow for 75° to 90° lower rigging angle
- Sold as eaches, not pairs
- Complies with ASME standards when assembled to specifications using designated pipe and rigging



In-Stock

Model Number	Max. Capacity (tons)*	Schedule 80 Pipe Size	Weight (lbs.) Per Pair
BEF-5HC-25	25	5”	225
BEF-5HC-50	50	5”	275
BEF-8HC-50	50	8”	370
BEF-8HC-80	80	8”	510
BEF-12HC-80	80	12”	710
BEF-12HC-110	110	12”	895
BEF-12HC-130	130	12”	960

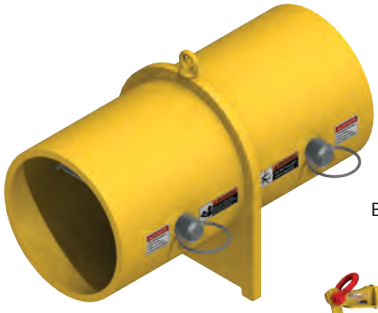
* System capacity is determined by span, rigging, and hardware, consult factory for complete details.
In Stock - Items with green model numbers ship in 48 hours, excluding weekends and holidays.

Model BEF-PC

Beam End Fitting - Pipe Coupler

Product Features:

- Add flexibility to your spreader beam end fitting system
- Securely joins two pipe lengths to create a longer spreader beam
- Innovative design reduces sag in the spread system once assembled
- Includes all connecting pin or bolts
- Complies with ASME standards when assembled to specifications using designated pipe and rigging



BEF-PC pipe coupler shown with HC-BEF end fittings.



Model Number	Use With Model	Used With Pipe (in.)*	Weight (lbs.)
BEF-PC-2.5	BEF-2 1/2	2-1/2 SCH. 40	8
BEF-PC-5	BEF-5	5 SCH. 40	43
BEF-PC-5HC	BEF-5HC	5 SCH. 80	105
BEF-PC-8	BEF-8	8 SCH. 40	100
BEF-PC-8HC	BEF-8HC	8 SCH. 80	160
BEF-PC-12HC	BEF-12HC	12 SCH. 80	275

See end fitting assembly instruction for complete pipe specifications.

Model 32

Adjustable Spreader Beams

In-Stock

Product Features:

- Ideal where headroom is not limited
- Adds stability to lift
- Telescopic spread standard
- Spread adjusts in 1” increments
- Available with standard chain or wire rope rigging
- Complies with ASME standards
- Choose from a wide range of sizes and capacities
- Telescoping adjustment at 12 inch increments
- Custom designs available

Rigging Options:

- OPTION C: Chain top rigging from beam to crane hook with coupler attachment. For ordering Model C’s - Example: 32C-2-4/6
- OPTION W: Wire rope top rigging from beam to crane hook. WR Lug required for 25-40 ton capacity beams. For ordering Model W’s - Example: 32W-2-4/6

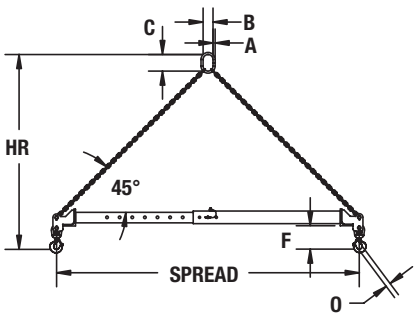


Specify Top Rigging Shown with Option C



Specify Top Rigging Shown with Option C

MODEL 32



Cap. (tons)	Model Number	Spread (ft.) Min./Max.	HR Head-room Min./Max. w/chain (in.)	Weight Beam & Hooks (lbs.)	A Oblong Dia. (in.)	B Oblong Width (in.)	C Oblong Height (in.)	F - Hook To Beam Bottom (in.)	O - Hook Opening w/latch (in.)	Chain Rigging Weight (lbs.)
2	32-2-4/6 32-2-6/10 32-2-8/14 32-2-12/20	4 / 6 6 / 10 8 / 14 12 / 20	48/57 72/88 96/113 132/166	70 85 175 245	1/2	2.36	3.94	5.5	0.97	9 13 17 23
5	32-5-4/6 32-5-6/10 32-5-8/14 32-5-12/20	4 / 6 6 / 10 8 / 14 12 / 20	55/64 79/95 102/126 138/172	105 160 205 670	1	5.38	7.09	8.4	1.41	34 47 61 82
10	32-10-4/6 32-10-6/10 32-10-8/14 32-10-12/20	4 / 6 6 / 10 8 / 14 12 / 20	60/69 74/111 108/132 144/163	130 175 460 680	1-1/4	5.71	10.83	10.6	1.78	49 69 88 118
15	32-15-4/6 32-15-6/10 32-15-8/14 32-15-12/20	4 / 6 6 / 10 8 / 14 12 / 20	64/72 87/104 111/135 147/180	165 365 478 700	1-1/2	5.90	10.5	13.6	2.22	78 111 145 194
20	32-20-7/11 32-20-9/15 32-20-12/20	7 / 11 9 / 15 12 / 20	93/107 123/144 151/180	430 540 822	1.75	6.0	12.0	14.2	2.27	175 225 275
25	32-25-7/11 32-25-9/15 32-25-12/20	7 / 11 9 / 15 12 / 20	98/107 119/141 149/179	430 540 825	2	7.0	14.0	14.2	2.27	240 295 365
30	32-30-7/11 32-30-9/15 32-30-12/20	7 / 11 9 / 15 12 / 20	102/115 124/145 154/183	615 750 1065	2	7.0	14.0	18.3	3.02	240 295 365
40	32-40-7/11 32-40-9/15 32-40-12/20	7 / 11 9 / 15 12 / 20	105/118 127/148 154/184	620 840 1500	2.25	8.0	16.0	18.3	3.02	375 470 565

Model 30HC

High-Capacity Spreader Beam

Capacity and spread configurations are virtually limitless. The chart highlights sizes available from 50 to 130 tons. You can review our complete high-capacity spreader beam chart, starting at 5 tons, online at **www.caldwellinc.com**.

Product Features:

- Unique pivoting lower lugs allow for 75° to 90° lower rigging angle
- Capacities from 5 to 130 tons
- Beam assembly without rigging available in 7 - 10 days
- Optional wire rope top rigging available

Shown With Chain Rigging
(Used only for small capacity and span beams)



Shown With Wire Rope Rigging
(Not available in our QuickShip Program)



	6	8	10	
50 ton	**30HC - 50 - 6**	**30HC - 50 - 8**	**30HC - 50 - 10**	
Weight (lbs.)*	362	402	690	
HR at 45° (in.)	N/A	N/A	92	
HR at 60° (in.)	94	114	136	
Bottom Shackle	25 Ton BTAS	25 Ton BTAS	25 Ton BTAS	
Top Shackle	35 Ton BTAS	35 Ton BTAS	35 Ton BTAS	
60 ton		**30HC - 60 - 8**	**30HC - 60 - 10**	
Weight (lbs.)*		750	830	
HR at 45° (in.)		84	96	
HR at 60° (in.)		120	140	
Bottom Shackle		55 Ton BTAS	55 Ton BTAS	
Top Shackle		55 Ton BTAS	55 Ton BTAS	
70 ton		**30HC - 70 - 8**	**30HC - 70 - 10**	
Weight (lbs.)*		750	830	
HR at 45° (in.)		84	96	
HR at 60° (in.)		120	140	
Bottom Shackle		55 Ton BTAS	55 Ton BTAS	
Top Shackle		55 Ton BTAS	55 Ton BTAS	
80 ton		**30HC - 80 - 8**	**30HC - 80 - 10**	
Weight (lbs.)*		750	830	
HR at 45° (in.)		84	N/A	
HR at 60° (in.)		120	140	
Bottom Shackle		55 Ton BTAS	55 Ton BTAS	
Top Shackle		55 Ton BTAS	55 Ton BTAS	
90 ton		**30HC - 90 - 8**	**30HC - 90 - 10**	
Weight (lbs.)*		1323	1503	
HR at 45° (in.)		84	96	
HR at 60° (in.)		120	140	
Bottom Shackle		55 Ton BTAS	55 Ton BTAS	
Top Shackle		85 Ton BTAS	85 Ton BTAS	
100 ton		**30HC - 100 - 8**	**30HC - 100 - 10**	
Weight (lbs.)*		1323	1503	
HR at 45° (in.)		84	96	
HR at 60° (in.)		120	140	
Bottom Shackle		55 Ton BTAS	55 Ton BTAS	
Top Shackle		85 Ton BTAS	85 Ton BTAS	
110 ton		**30HC - 110 - 8**	**30HC - 110 - 10**	
Weight (lbs.)*		1323	1503	
HR at 45° (in.)		84	96	
HR at 60° (in.)		120	140	
Bottom Shackle		55 Ton BTAS	55 Ton BTAS	
Top Shackle		85 Ton BTAS	85 Ton BTAS	
120 ton		**30HC - 120 - 8**	**30HC - 120 - 10**	
Weight (lbs.)*		1400	1570	
HR at 45° (in.)		96	108	
HR at 60° (in.)		130	152	
Bottom Shackle		85 Ton BTAS	85 Ton BTAS	
Top Shackle		85 Ton BTAS	85 Ton BTAS	
130 ton		**30HC - 130 - 8**	**30HC - 130 - 10**	
Weight (lbs.)*		1440	1570	
HR at 45° (in.)		96	108	
HR at 60° (in.)		130	152	
Bottom Shackle		85 Ton BTAS	85 Ton BTAS	
Top Shackle		85 Ton BTAS	85 Ton BTAS	

*Weight is beam only, does not include shackles or top rigging.

For Beam Customizations

Please fill out an application evaluation form online or contact us with complete details and we will configure the high-capacity spreader beam you need! Call 800.628.4263 for more information.

Spread in Feet							
12	16	20	24	28	32	36	40
30HC - 50 - 12 780 104 156 25 Ton BTAS 35 Ton BTAS	**30HC - 50 - 16** 950 128 198 25 Ton BTAS 35 Ton BTAS	**30HC - 50 - 20** 1120 152 240 25 Ton BTAS 35 Ton BTAS	**30HC - 50 - 24** 1300 N/A 282 25 Ton BTAS 35 Ton BTAS	**30HC - 50 - 28** 1470 N/A 324 25 Ton BTAS 35 Ton BTAS	**30HC - 50 - 32** 1640 N/A 364 25 Ton BTAS 35 Ton BTAS	**30HC - 50 - 36** 3620 254 412 55 Ton BTAS 55 Ton BTAS	**30HC - 50 - 40** 3880 278 454 55 Ton BTAS 55 Ton BTAS
30HC - 60 - 12 920 108 162 55 Ton BTAS 55 Ton BTAS	**30HC - 60 - 16** 1100 132 204 55 Ton BTAS 55 Ton BTAS	**30HC - 60 - 20** 1270 N/A 246 55 Ton BTAS 55 Ton BTAS	**30HC - 60 - 24** 1440 N/A 286 55 Ton BTAS 55 Ton BTAS	**30HC - 60 - 28** 1620 N/A 328 55 Ton BTAS 55 Ton BTAS	**30HC - 60 - 32** 1790 N/A 370 55 Ton BTAS 55 Ton BTAS	**30HC - 60 - 36** 3620 254 412 55 Ton BTAS 55 Ton BTAS	**30HC - 60 - 40** 3970 278 454 55 Ton BTAS 55 Ton BTAS
30HC - 70 - 12 920 N/A 162 55 Ton BTAS 55 Ton BTAS	**30HC - 70 - 16** 1100 N/A 204 55 Ton BTAS 55 Ton BTAS	**30HC - 70 - 20** 2200 156 246 55 Ton BTAS 55 Ton BTAS	**30HC - 70 - 24** 2560 180 286 55 Ton BTAS 55 Ton BTAS	**30HC - 70 - 28** 2910 204 328 55 Ton BTAS 55 Ton BTAS	**30HC - 70 - 32** 3270 230 370 55 Ton BTAS 55 Ton BTAS	**30HC - 70 - 36** 3620 254 412 55 Ton BTAS 55 Ton BTAS	**30HC - 70 - 40** 3970 278 454 55 Ton BTAS 55 Ton BTAS
30HC - 80 - 12 920 N/A 162 55 Ton BTAS 55 Ton BTAS	**30HC - 80 - 16** 1100 N/A 204 55 Ton BTAS 55 Ton BTAS	**30HC - 80 - 20** 2200 156 246 55 Ton BTAS 55 Ton BTAS	**30HC - 80 - 24** 2560 180 286 55 Ton BTAS 55 Ton BTAS	**30HC - 80 - 28** 3270 204 328 55 Ton BTAS 55 Ton BTAS	**30HC - 80 - 32** 3270 230 370 55 Ton BTAS 55 Ton BTAS	**30HC - 80 - 36** 3620 254 412 55 Ton BTAS 55 Ton BTAS	**30HC - 80 - 40** 3970 278 452 55 Ton BTAS 55 Ton BTAS
30HC - 90 - 12 1683 108 162 55 Ton BTAS 85 Ton BTAS	**30HC - 90 - 16** 2033 132 204 55 Ton BTAS 85 Ton BTAS	**30HC - 90 - 20** 2393 156 246 55 Ton BTAS 85 Ton BTAS	**30HC - 90 - 24** 2743 180 286 55 Ton BTAS 85 Ton BTAS	**30HC - 90 - 28** 3103 204 328 55 Ton BTAS 85 Ton BTAS	**30HC - 90 - 32** 3453 230 370 55 Ton BTAS 85 Ton BTAS	**30HC - 90 - 36** 3803 254 412 55 Ton BTAS 85 Ton BTAS	**30HC - 90 - 40** 4163 N/A 452 55 Ton BTAS 85 Ton BTAS
30HC - 100 - 12 1683 108 162 55 Ton BTAS 85 Ton BTAS	**30HC - 100 - 16** 2033 132 204 55 Ton BTAS 85 Ton BTAS	**30HC - 100 - 20** 2393 156 246 55 Ton BTAS 85 Ton BTAS	**30HC - 100 - 24** 2743 180 286 55 Ton BTAS 85 Ton BTAS	**30HC - 100 - 28** 3103 204 328 55 Ton BTAS 85 Ton BTAS	**30HC - 100 - 32** 3453 230 370 55 Ton BTAS 85 Ton BTAS	**30HC - 100 - 36** 3803 N/A 412 55 Ton BTAS 85 Ton BTAS	**30HC - 100 - 40** 4163 N/A 452 55 Ton BTAS 85 Ton BTAS
30HC - 110 - 12 1683 108 162 55 Ton BTAS 85 Ton BTAS	**30HC - 110 - 16** 2033 132 204 55 Ton BTAS 85 Ton BTAS	**30HC - 110 - 20** 2395 156 246 55 Ton BTAS 85 Ton BTAS	**30HC - 110 - 24** 2743 180 286 55 Ton BTAS 85 Ton BTAS	**30HC - 110 - 28** 3103 204 338 55 Ton BTAS 85 Ton BTAS	**30HC - 110 - 32** 3453 N/A 370 55 Ton BTAS 85 Ton BTAS	**30HC - 110 - 36** 3803 N/A 412 55 Ton BTAS 85 Ton BTAS	**30HC - 110 - 40** 4163 N/A 452 55 Ton BTAS 85 Ton BTAS
30HC - 120 - 12 1750 120 172 85 Ton BTAS 85 Ton BTAS	**30HC - 120 - 16** 2100 144 216 85 Ton BTAS 85 Ton BTAS	**30HC - 120 - 20** 2450 168 256 85 Ton BTAS 85 Ton BTAS	**30HC - 120 - 24** 2810 192 298 85 Ton BTAS 85 Ton BTAS	**30HC - 120 - 28** 3170 N/A 340 85 Ton BTAS 85 Ton BTAS	**30HC - 120 - 32** 3520 N/A 380 85 Ton BTAS 85 Ton BTAS	**30HC - 120 - 36** 3770 N/A 422 85 Ton BTAS 85 Ton BTAS	**30HC - 120 - 40** 4230 N/A 462 85 Ton BTAS 85 Ton BTAS
30HC - 130 - 12 1750 120 172 85 Ton BTAS 85 Ton BTAS	**30HC - 130 - 16** 2100 144 216 85 Ton BTAS 85 Ton BTAS	**30HC - 130 - 20** 2450 168 256 85 Ton BTAS 85 Ton BTAS	**30HC - 130 - 24** 2810 N/A 298 85 Ton BTAS 85 Ton BTAS	**30HC - 130 - 28** 3170 N/A 340 85 Ton BTAS 85 Ton BTAS	**30HC - 130 - 32** 3520 N/A 380 85 Ton BTAS 85 Ton BTAS	**30HC - 130 - 36** 3770 N/A 422 85 Ton BTAS 85 Ton BTAS	

Dream Beam.

Complete configurability, easier transport, and in-stock availability make the Dura-Mod™ Modular Beam System a must-have.

See the full Dura-Mod™ line on pages 39-45.



Model 34

4-Point Spreader Beam

More stability and knock-down design means safer lifts and easier transport. Want to customize it? Pair it with the end fittings below.



Product Features:

- New knock-down design is easily transported
- 6- or 9-ton capacity
- Spreads up to 10’ x 10’
- 4-point spreader beam provides more stability
- Chain top rigging and hoist rings
- Lower lifting shackles standard - see other options below
- Complies with ASME standards



Top Rigging Options:

- All include swivel hoist ring
- C – Chain Top Rigging
- W – Wire Rope Top Rigging
- A – Adjust-A-Leg Top Rigging

Bottom Rigging Options:

- F – Fixed Lower lifting hooks
- SH – Swivel Lower lifting hooks
- We can also provide synthetic, chain or wire load slings

Model Number	Specifications
Model 34	Call 800.628.4263 for details

Model BEF-FSB

Beam End Fittings For 4-Point Spreader Beam

Add these end fittings to your Model 34 (sold above) to create a 4-point beam to meet your specific application.



Product Features:

- Build your own spreader beam
- Designed to work with hoist rings for flexibility
- Complies with ASME standards when assembled to specification using designated pipe and rigging

Model Number	Max. Capacity (tons)	Weight (lbs.)
BEF-2.1/2-FSB-6	6	78

Dura-Mod® Modular Lifting System

2- or 4-Point Spreader Beams

Caldwell's new DURA-MOD® Spreader Beam System puts you in control. Configure the spreader pipe sections and end or corner fittings to build the beam that's exactly right for your application. You can even keep multiple pieces on hand to offer complete customization with no fuss.

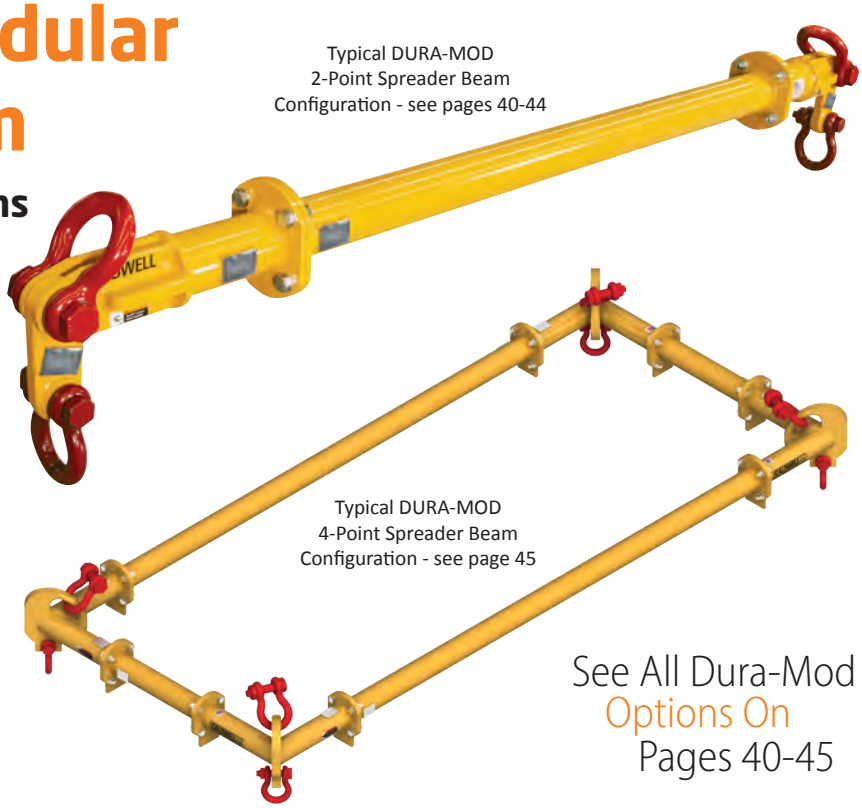
Save Time: Distributors or end users can keep various spreader pipe sections and end/corner fittings in stock, so everyone is ready for the next project. Lifter configurations are virtually limitless.

Save Hassle: Transportation and storage is easier. You keep smaller and lighter pieces on the shelf and assemble/disassemble on site.

Save Money: You can use components over and over instead of purchasing a new spreader beam for every project!

Product Features:

- Choose the capacity you need from pages 40-45
- Knock-down design is easily transported
- Unique pivoting drop link
- Impressive strength-to-ratio
- Combinations of 1 to 5 spreader sections can be used to create custom spreader beam lengths
- Complies with ASME B30.20, BTH-1, DESIGN CATEGORY B, CLASS 0 or ASME B30.20, BTH-1, DESIGN CATEGORY A, CLASS 0 specifications (capacity ratings can be provided)
- Custom-designed systems available



Typical DURA-MOD 2-Point Spreader Beam Configuration - see pages 40-44

Typical DURA-MOD 4-Point Spreader Beam Configuration - see page 45

See All Dura-Mod Options On Pages 40-45

SYSTEM COMPONENTS



Drop Link



Spreader Section



End Fitting



Corner Fitting







Model DM24

2-Point 24-Metric Ton Spreader Beam System

The Dura-Mod® 2-Point/24-Metric Ton Spreader Beam can be configured in spreads of 3' to 24'. Order Spreader Sections, End Fittings, Drop Links, and Bolts separately to build the beam you want. To see full beam configuration, see page 39.

Product Features:

- Handles loads up to 24 tons
- Use Capacity Vs. Span chart below with Span Length and Base-to-Sling Angle to determine load capacity and component configuration



Assemble beams on site for flexibility, efficiency and easier transport.

Dura-Mod® DM24 Notes

Bolts, Nuts and Washers can be reused as long as Anti-Seize Thread coating is used.

Slings and shackles are not provided as part of this assembly. Synthetic textile, chain and wire rope slings may be used. Consult your sling supplier as part of your lifting plan.

System Items & Weights:

Item	Description	Item Weight	No. Components Per Set
DM24-EF	End Fitting	45 lbs.	2
DM24-DL	Drop Link	10 lbs.	2
DM24-SS-6	6' Spreader Section	110 lbs.	3
DM24-SS-4	4' Spreader Section	80 lbs.	1
DM24-SS-2	2' Spreader Section	50 lbs.	1
DM24-SS-1	1' Spreader Section	35 lbs.	1
Bolt Kit	Four (4) - M20 X 2.5 X 55MM Class 8.8 Bolts Four (4) - M20 X 2.5MM Class 8 Nuts Eight (8) - M20 Class 10.9 Washers	2.6 lbs. Each Kit	14 Kits
By Others	17 ton bolt type shackle	19 lbs.	2
By Others	12 ton bolt type shackle	12 lbs.	2

Capacity Vs. Span:

Beam/Span Length	Base to Sling Angle						Recommended Beam Configuration							Number of Bolt Kits
	45° BSA - Min Top		60° BSA - Min Top		70° BSA - Min Top									
	Metric Tons	Sling Length	Metric Tons	Sling Length	Metric Tons	Sling Length								
3	24	1' 7"	24	2' 6"	24	3'11"	EF/DL	EF/DL	-	-	-	-	-	1
4	24	2' 4"	24	3' 6"	24	5' 10"	EF/DL	SS-1	EF/DL	-	-	-	-	2
5	24	3' 0"	24	4' 6"	24	6'10"	EF/DL	SS-2	EF/DL	-	-	-	-	2
6	24	3' 8"	24	5' 6"	24	8' 4"	EF/DL	SS-2	SS-1	EF/DL	-	-	-	3
7	24	4' 6"	24	6' 6"	24	9' 8"	EF/DL	SS-4	EF/DL	-	-	-	-	2
8	24	5' 2"	24	7' 6"	24	11' 2"	EF/DL	SS-4	SS-1	EF/DL	-	-	-	3
9	24	5' 11"	24	8' 6"	24	12' 8"	EF/DL	SS-6	EF/DL	-	-	-	-	2
10	23	6' 7"	24	9' 6"	24	14' 1"	EF/DL	SS-6	SS-1	EF/DL	-	-	-	3
11	22	7' 4"	24	10' 6"	24	15' 7"	EF/DL	SS-6	SS-2	EF/DL	-	-	-	3
12	19	8' 0"	24	11' 6"	24	17' 0"	EF/DL	SS-2	SS-6	SS-1	EF/DL	-	-	4
13	16	8' 8"	24	12' 6"	24	18' 6"	EF/DL	SS-4	SS-6	EF/DL	-	-	-	3
14	13	9' 5"	24	13' 6"	24	20' 0"	EF/DL	SS-4	SS-6	SS-1	EF/DL	-	-	4
15	11	10' 1"	20	14' 6"	24	21' 5"	EF/DL	SS-6	SS-6	EF/DL	-	-	-	3
16	10	10' 10"	17	15' 6"	24	22' 11"	EF/DL	SS-6	SS-6	SS-1	EF/DL	-	-	4
17	8.6	11' 6"	15	16' 6"	24	24' 5"	EF/DL	SS-6	SS-6	SS-2	EF/DL	-	-	4
18	7.4	12' 2"	13	17' 6"	20	25' 10"	EF/DL	SS-1	SS-6	SS-6	SS-2	EF/DL	-	5
19	6.5	12' 11"	11	18' 6"	18	27' 4"	EF/DL	SS-6	SS-6	SS-4	EF/DL	-	-	4
20	5.6	13' 7"	9.9	19' 6"	15	28' 8"	EF/DL	SS-1	SS-6	SS-6	SS-4	EF/DL	-	5
21	5	14' 5"	8.8	20' 6"	14	30' 2"	EF/DL	SS-6	SS-6	SS-6	EF/DL	-	-	4
22	4.4	15' 1"	7.7	21' 6"	12	31' 8"	EF/DL	SS-6	SS-6	SS-6	SS-1	EF/DL	-	5
23	3.8	15' 10"	6.8	22' 6"	10	33' 1"	EF/DL	SS-6	SS-6	SS-6	SS-2	EF/DL	-	5
24	3.4	16' 6"	6	23' 6"	9.6	34' 7"	EF/DL	SS-1	SS-6	SS-6	SS-6	SS-2	EF/DL	6

Model DM50

2-Point 50-Metric Ton Spreader Beam System

The Dura-Mod® 2-Point/50 Metric Ton Spreader Beam can be configured in spreads of 3 to 41 feet.



Product Features:

- Handles loads up to 50 tons
- Use Capacity Vs. Span chart below with Span Length and Base-to-Sling Angle to determine load capacity and component configuration

Dura-Mod® DM50 Notes

Bolts, Nuts and Washers can be reused as long as Anti-Seize Thread coating is used.

Slings and shackles are not provided as part of this assembly. Synthetic textile, chain and wire rope slings may be used. Consult your sling supplier as part of your lifting plan.

System Items & Weights:

Item	Description	Item Weight	No. Components Per Set
DM50-EF	End Fitting	100 lbs.	2
DM50-DL	Drop Link	35 lbs.	2
DM50-SS-12	12' Spreader Section	500 lbs.	3
DM50-SS-6	6' Spreader Section	275 lbs.	1
DM50-SS-3	3' Spreader Section	165 lbs.	1
DM50-SS-2	2' Spreader Section	125 lbs.	1
DM50-SS-1	1' Spreader Section	85 lbs.	1
Bolt Kit	Six (6) - M20 X 2.5 X 65MM Class 8.8 Bolts Six (6) - M20 X 2.5MM Class 8 Nuts Twelve (12) - M20 Class 10.9 Washers	4.2 lbs. Each Kit	16 Kits
By Others	35 ton bolt type shackle	53 lbs.	2
By Others	25 ton bolt type shackle	34 lbs.	2

Capacity Vs. Span:

Beam/Span Length	Base to Sling Angle						Recommended Beam Configuration							Number of Bolt Kits
	45° BSA - Min Top		60° BSA - Min Top		70° BSA - Min Top									
	Metric Tons	Sling Length	Metric Tons	Sling Length	Metric Tons	Sling Length								
3	50	1' 5"	50	2' 4"	50	3' 8"	EF/DL	EF/DL	-	-	-	-	-	1
4	50	2' 1"	50	3' 4"	50	5' 2"	EF/DL	SS-1	EF/DL	-	-	-	-	2
5	50	2' 10"	50	4' 4"	50	6' 7"	EF/DL	SS-2	EF/DL	-	-	-	-	2
6	50	3' 7"	50	5' 4"	50	8' 1"	EF/DL	SS-3	EF/DL	-	-	-	-	2
7	50	4' 4"	50	6' 4"	50	9' 6"	EF/DL	SS-3	SS-1	EF/DL	-	-	-	3
8	50	5' 0"	50	7' 4"	50	11' 0"	EF/DL	SS-3	SS-2	EF/DL	-	-	-	3
9	50	5' 8"	50	8' 4"	50	12' 6"	EF/DL	SS-6	EF/DL	-	-	-	-	2
10	50	6' 5"	50	9' 4"	50	13' 11"	EF/DL	SS-6	SS-1	EF/DL	-	-	-	3
11	50	7' 1"	50	10' 4"	50	15' 5"	EF/DL	SS-6	SS-2	EF/DL	-	-	-	3
12	50	7' 10"	50	11' 4"	50	16' 11"	EF/DL	SS-6	SS-3	EF/DL	-	-	-	3
13	50	8' 6"	50	12' 4"	50	18' 4"	EF/DL	SS-3	SS-6	SS-1	EF/DL	-	-	4
14	50	9' 2"	50	13' 4"	50	19' 10"	EF/DL	SS-3	SS-6	SS-2	EF/DL	-	-	4
15	50	9' 11"	50	14' 4"	50	21' 2"	EF/DL	SS-12	EF/DL	-	-	-	-	2
16	48	10' 7"	50	15' 4"	50	22' 8"	EF/DL	SS-12	SS-1	EF/DL	-	-	-	3
17	44	11' 4"	50	16' 4"	50	24' 2"	EF/DL	SS-12	SS-2	EF/DL	-	-	-	3
18	41	12' 0"	50	17' 4"	50	25' 7"	EF/DL	SS-12	SS-3	EF/DL	-	-	-	3
19	37	12' 8"	50	18' 4"	50	27' 1"	EF/DL	SS-3	SS-12	SS-1	EF/DL	-	-	4
20	33	13' 6"	50	19' 4"	50	28' 6"	EF/DL	SS-3	SS-12	SS-2	EF/DL	-	-	4
21	30	14' 2"	50	20' 4"	50	30' 0"	EF/DL	SS-6	SS-12	EF/DL	-	-	-	3
22	27	14' 11"	47	21' 4"	50	31' 6"	EF/DL	SS-6	SS-12	SS-1	EF/DL	-	-	4
23	24	15' 7"	42	22' 4"	50	32' 11"	EF/DL	SS-6	SS-12	SS-2	EF/DL	-	-	4
24	22	16' 4"	38	23' 4"	50	34' 5"	EF/DL	SS-6	SS-12	SS-3	EF/DL	-	-	4
25	19	17' 0"	34	24' 4"	50	35' 11"	EF/DL	SS-3	SS-6	SS-12	SS-1	EF/DL	-	5
26	17	17' 8"	30	25' 4"	49	37' 4"	EF/DL	SS-3	SS-6	SS-12	SS-2	EF/DL	-	5
27	16	18' 5"	28	26' 4"	45	38' 10"	EF/DL	SS-12	SS-12	EF/DL	-	-	-	3
28	14	19' 1"	25	27' 4"	41	40' 2"	EF/DL	SS-12	SS-12	SS-1	EF/DL	-	-	4
29	13	19' 10"	23	28' 4"	37	41' 8"	EF/DL	SS-12	SS-12	SS-2	EF/DL	-	-	4
30	12	20' 6"	21	29' 4"	34	43' 2"	EF/DL	SS-12	SS-12	SS-3	EF/DL	-	-	4
31	11	21' 2"	19	30' 4"	31	44' 7"	EF/DL	SS-3	SS-12	SS-12	SS-1	EF/DL	-	5
32	10	21' 11"	17	31' 4"	28	46' 1"	EF/DL	SS-3	SS-12	SS-12	SS-2	EF/DL	-	5
33	9.3	22' 7"	16	32' 4"	26	47' 7"	EF/DL	SS-6	SS-12	SS-12	EF/DL	-	-	4
34	8.4	23' 5"	14	33' 4"	24	49' 0"	EF/DL	SS-6	SS-12	SS-12	SS-1	EF/DL	-	5
35	7.7	24' 1"	13	34' 4"	21	50' 6"	EF/DL	SS-6	SS-12	SS-12	SS-2	EF/DL	-	5
36	7	24' 10"	12	35' 4"	20	51' 11"	EF/DL	SS-6	SS-12	SS-12	SS-3	EF/DL	-	5
37	6.3	25' 6"	11	36' 4"	18	53' 5"	EF/DL	SS-6	SS-12	SS-12	SS-3	SS-1	EF/DL	6
38	5.7	26' 2"	10	37' 4"	16	54' 11"	EF/DL	SS-6	SS-12	SS-12	SS-3	SS-2	EF/DL	6
39	5.3	26' 11"	9.6	38' 4"	15	56' 4"	EF/DL	SS-12	SS-12	SS-6	SS-6	EF/DL	-	5
40	5	27' 7"	9	39' 4"	14	57' 10"	EF/DL	SS-12	SS-12	SS-12	SS-1	EF/DL	-	5
41	4.5	28' 4"	8.3	40' 4"	13	59' 2"	EF/DL	SS-12	SS-12	SS-12	SS-2	EF/DL	-	5

Model DM70

2-Point 70-Metric Ton Spreader Beam System

The Dura-Mod® 2-Point/70-Metric Ton Spreader Beam can be configured in spreads of 3' to 45'. Order Spreader Sections, End Fittings, Drop Links, and Bolts separately to build the beam you want.

Product Features:

- Handles loads up to 70 tons
- Use Capacity Vs. Span chart below with Span Length and Base-to-Sling Angle to determine load capacity and component configuration

System Items & Weights:

Item	Description	Item Weight	No. Components Per Set
DM70-EF	End Fitting	135 lbs.	2
DM70-DL	Drop Link	47 lbs.	2
DM70-SS-12	12' Spreader Section	595 lbs.	3
DM70-SS-6	6' Spreader Section	335 lbs.	1
DM70-SS-4	4' Spreader Section	245 lbs.	1
DM70-SS-2	2' Spreader Section	160 lbs.	1
DM70-SS-1	1' Spreader Section	115 lbs.	1
Bolt Kit	Six (6) - M20 X 2.5 X 65MM Class 8.8 Bolts Six (6) - M20 X 2.5MM Class 8 Nuts Twelve (12) - M20 Class 10.9 Washers	4.2 lbs. Each Kit	18 Kits
By Others	55 ton bolt type shackle	100 lbs.	2
By Others	35 ton bolt type shackle	55 lbs.	2

Dura-Mod® DM70 Notes

Bolts, Nuts and Washers can be reused as long as Anti-Seize Thread coating is used.

Slings and shackles are not provided as part of this assembly. Synthetic textile, chain and wire rope slings may be used. Consult your sling supplier as part of your lifting plan.

Capacity Vs. Span:

Beam/Span Length	Base to Sling Angle						Recommended Beam Configuration							Number of Bolt Kits
	45° BSA - Min Top		60° BSA - Min Top		70° BSA - Min Top									
	Metric Tons	Sling Length	Metric Tons	Sling Length	Metric Tons	Sling Length								
3	70	1' 2"	70	2' 1"	70	3' 6"	EF/DL	EF/DL	-	-	-	-	-	1
4	70	1' 11"	70	3' 1"	70	4' 11"	EF/DL	SS-1	EF/DL	-	-	-	-	2
5	70	2' 7"	70	4' 1"	70	6' 5"	EF/DL	SS-2	EF/DL	-	-	-	-	2
6	70	3' 4"	70	5' 1"	70	7' 11"	EF/DL	SS-2	SS-1	EF/DL	-	-	-	3
7	70	4' 0"	70	6' 1"	70	9' 4"	EF/DL	SS-4	EF/DL	-	-	-	-	2
8	70	4' 10"	70	7' 1"	70	10' 10"	EF/DL	SS-4	SS-1	EF/DL	-	-	-	3
9	70	5' 6"	70	8' 1"	70	12' 4"	EF/DL	SS-6	EF/DL	-	-	-	-	2
10	70	6' 2"	70	9' 1"	70	13' 8"	EF/DL	SS-6	SS-1	EF/DL	-	-	-	3
11	70	6' 11"	70	10' 1"	70	15' 2"	EF/DL	SS-6	SS-2	EF/DL	-	-	-	3
12	70	7' 7"	70	11' 1"	70	16' 7"	EF/DL	SS-1	SS-6	SS-2	EF/DL	-	-	4
13	70	8' 4"	70	12' 1"	70	18' 1"	EF/DL	SS-6	SS-4	EF/DL	-	-	-	3
14	70	9' 0"	70	13' 1"	70	19' 7"	EF/DL	SS-1	SS-6	SS-4	EF/DL	-	-	4
15	70	9' 8"	70	14' 1"	70	21' 0"	EF/DL	SS-12	EF/DL	-	-	-	-	2
16	70	10' 5"	70	15' 1"	70	22' 6"	EF/DL	SS-1	SS-12	EF/DL	-	-	-	3
17	70	11' 1"	70	16' 1"	70	24' 0"	EF/DL	SS-2	SS-12	EF/DL	-	-	-	3
18	70	11' 10"	70	17' 1"	70	25' 5"	EF/DL	SS-2	SS-12	SS-1	EF/DL	-	-	4
19	70	12' 6"	70	18' 1"	70	26' 11"	EF/DL	SS-4	SS-12	EF/DL	-	-	-	3
20	70	13' 2"	70	19' 1"	70	28' 4"	EF/DL	SS-4	SS-12	SS-1	EF/DL	-	-	4
21	70	13' 11"	70	20' 1"	70	29' 10"	EF/DL	SS-6	SS-12	EF/DL	-	-	-	3
22	70	14' 8"	70	21' 1'	70	31' 4"	EF/DL	SS-6	SS-12	SS-1	EF/DL	-	-	4
23	70	15' 5"	70	22' 1"	70	32' 8"	EF/DL	SS-6	SS-12	SS-2	EF/DL	-	-	4
24	70	16' 1"	70	23' 1"	70	34' 2"	EF/DL	SS-6	SS-12	SS-2	SS-1	EF/DL	-	5
25	65	16' 10"	70	24' 1"	70	35' 7"	EF/DL	SS-6	SS-12	SS-4	EF/DL	-	-	4
26	60	17' 6"	70	25' 1"	70	37' 1"	EF/DL	SS-6	SS-12	SS-4	SS-1	EF/DL	-	5
27	56	18' 2"	70	26' 1"	70	38' 7"	EF/DL	SS-12	SS-12	EF/DL	-	-	-	3
28	52	18' 11"	70	27' 1"	70	40' 0"	EF/DL	SS-12	SS-12	SS-1	EF/DL	-	-	4
29	48	19' 7"	70	28' 1"	70	41' 6"	EF/DL	SS-12	SS-12	SS-2	EF/DL	-	-	4
30	44	20' 4"	70	29' 1"	70	43' 0"	EF/DL	SS-2	SS-12	SS-12	SS-1	EF/DL	-	5
31	41	21' 0"	70	30' 1"	70	44' 5"	EF/DL	SS-12	SS-12	SS-4	EF/DL	-	-	4
32	38	21' 8"	70	31' 1"	70	45' 11"	EF/DL	SS-4	SS-12	SS-12	SS-1	EF/DL	-	5
33	36	22' 5"	70	32' 1"	70	47' 4"	EF/DL	SS-12	SS-12	SS-6	EF/DL	-	-	4
34	34	23' 1"	69	33' 1"	70	48' 10"	EF/DL	SS-6	SS-12	SS-12	SS-1	EF/DL	-	5
35	32	23' 10"	65	34' 1"	70	50' 4"	EF/DL	SS-6	SS-12	SS-12	SS-2	EF/DL	-	5
36	30	24' 7"	62	35' 1"	70	51' 8"	EF/DL	SS-6	SS-12	SS-12	SS-2	SS-1	EF/DL	6
37	28	25' 4"	55	36' 1"	70	53' 2"	EF/DL	SS-6	SS-12	SS-12	SS-4	EF/DL	-	5
38	26	26' 0"	51	37' 1"	70	54' 8"	EF/DL	SS-6	SS-12	SS-12	SS-4	SS-1	EF/DL	6
39	24	26' 8"	50	38' 1"	70	56' 1"	EF/DL	SS-6	SS-12	SS-12	SS-4	SS-2	EF/DL	6
40	23	27' 5"	46	39' 1"	70	57' 7"	EF/DL	SS-12	SS-12	SS-12	SS-1	EF/DL	-	5
41	22	28' 1"	45	40' 1"	70	59' 0"	EF/DL	SS-12	SS-12	SS-12	SS-2	EF/DL	-	5
42	21	28' 10"	41	41' 1"	65	60' 6"	EF/DL	SS-12	SS-12	SS-12	SS-2	SS-1	EF/DL	6
43	20	29' 6"	39	42' 1"	63	62' 0"	EF/DL	SS-12	SS-12	SS-12	SS-4	EF/DL	-	5
44	19	30' 2"	38	43' 1"	60	63' 5"	EF/DL	SS-12	SS-12	SS-12	SS-4	SS-1	EF/DL	6
45	18	30' 11"	34	44' 1"	57	64' 11"	EF/DL	SS-12	SS-12	SS-12	SS-6	EF/DL	-	5

Model DM110

2-Point 110-Metric Ton Spreader Beam System

The Dura-Mod® 2-Point/110-Metric Ton Spreader Beam can be configured in spreads of 6' to 59'. Order Spreader Sections, End Fittings, Drop Links, and Bolts separately to build the beam you want.

Dura-Mod® DM110 Notes

Bolts, Nuts and Washers can be reused as long as Anti-Seize Thread coating is used.

Slings and shackles are not provided as part of this assembly. Synthetic textile, chain and wire rope slings may be used. Consult your sling supplier as part of your lifting plan.

System Items & Weights:

Item	Description	Item Weight	No. Components Per Set
DM110-EF	End Fitting	435 lbs.	2
DM110-DL	Drop Link	105 lbs.	2
DM110-SS-20	20' Spreader Section	1425 lbs.	3
DM110-SS-10	10' Spreader Section	775 lbs.	1
DM110-SS-8	8' Spreader Section	645 lbs.	1
DM110-SS-6	6' Spreader Section	515 lbs.	1
DM110-SS-4	4' Spreader Section	380 lbs.	1
DM110-SS-2	2' Spreader Section	255 lbs.	1
DM110-SS-1	1' Spreader Section	185 lbs.	1
Bolt Kit	Six (6) - M20 X 2.5 X 65MM Class 8.8 Bolts Six (6) - M20 X 2.5MM Class 8 Nuts Twelve (12) - M20 Class 10.9 Washers	4.2 lbs. Each Kit	20 Kits
By Others	85 Ton Bolt Type Shackle	154 lbs.	2
By Others	55 Ton Bolt Type Shackle	98 lbs.	2

Capacity Vs. Span:

Beam/Span Length	Base to Sling Angle						Recommended Beam Configuration							Number of Bolt Kits
	45° BSA - Min Top		60° BSA - Min Top		70° BSA - Min Top									
	Metric Tons	Sling Length	Metric Tons	Sling Length	Metric Tons	Sling Length								
6	110	3' 1"	110	4' 10"	110	7' 7"	EF/DL	EF/DL	-	-	-	-	-	1
7	110	3' 10"	110	5' 10"	110	9' 1"	EF/DL	SS-1	EF/DL	-	-	-	-	2
8	110	4' 6"	110	6' 10"	110	10' 6"	EF/DL	SS-2	EF/DL	-	-	-	-	2
9	110	5' 2"	110	7' 10"	110	12' 0"	EF/DL	SS-2	SS-1	EF/DL	-	-	-	3
10	110	5' 11"	110	8' 10"	110	13' 6"	EF/DL	SS-4	EF/DL	-	-	-	-	2
11	110	6' 7"	110	9' 10"	110	14' 11"	EF/DL	SS-4	SS-1	EF/DL	-	-	-	3
12	110	7' 4"	110	10' 10"	110	16' 5"	EF/DL	SS-6	EF/DL	-	-	-	-	2
13	110	8' 0"	110	11' 0"	110	17' 0"	EF/DL	SS-6	SS-1	EF/DL	-	-	-	3
14	110	8' 8"	110	12' 10"	110	19' 4"	EF/DL	SS-8	EF/DL	-	-	-	-	2
15	110	9' 5"	110	13' 10"	110	20' 10"	EF/DL	SS-8	SS-1	EF/DL	-	-	-	3
16	110	10' 1"	110	14' 10"	110	22' 2"	EF/DL	SS-10	EF/DL	-	-	-	-	2
17	110	10' 11"	110	15' 10"	110	23' 8"	EF/DL	SS-10	SS-1	EF/DL	-	-	-	3
18	110	11' 7"	110	16' 10"	110	25' 1"	EF/DL	SS-10	SS-2	EF/DL	-	-	-	3
19	110	12' 4"	110	17' 10"	110	26' 7"	EF/DL	SS-2	SS-10	SS-1	EF/DL	-	-	4
20	110	13' 0"	110	18' 10"	110	28' 1"	EF/DL	SS-10	SS-4	EF/DL	-	-	-	3
21	110	13' 8"	110	19' 10"	110	29' 6"	EF/DL	SS-4	SS-10	SS-1	EF/DL	-	-	4
22	110	14' 5"	110	20' 10"	110	31' 0"	EF/DL	SS-10	SS-6	EF/DL	-	-	-	3
23	110	15' 1"	110	21' 10"	110	32' 6"	EF/DL	SS-6	SS-10	SS-1	EF/DL	-	-	4
24	110	15' 10"	110	22' 10"	110	33' 11"	EF/DL	SS-10	SS-8	EF/DL	-	-	-	3
25	110	16' 6"	110	23' 10"	110	35' 5"	EF/DL	SS-8	SS-10	SS-1	EF/DL	-	-	4
26	110	17' 2"	110	24' 10"	110	36' 10"	EF/DL	SS-20	EF/DL	-	-	-	-	2
27	110	17' 11"	110	25' 10"	110	38' 4"	EF/DL	SS-20	SS-1	EF/DL	-	-	-	3
28	110	18' 7"	110	26' 10"	110	39' 10"	EF/DL	SS-20	SS-2	EF/DL	-	-	-	3
29	108	19' 4"	110	27' 10"	110	41' 2"	EF/DL	SS-2	SS-20	SS-1	EF/DL	-	-	4
30	103	20' 0"	110	28' 10"	110	42' 8"	EF/DL	SS-20	SS-4	EF/DL	-	-	-	3
31	96	20' 10"	110	29' 10"	110	44' 2"	EF/DL	SS-4	SS-20	SS-1	EF/DL	-	-	4
32	91	21' 6"	110	30' 10"	110	45' 7"	EF/DL	SS-20	SS-6	EF/DL	-	-	-	3
33	84	22' 2"	110	31' 10"	110	47' 1"	EF/DL	SS-6	SS-20	SS-1	EF/DL	-	-	4
34	80	22' 11"	110	32' 10"	110	48' 6"	EF/DL	SS-20	SS-8	EF/DL	-	-	-	3
35	74	23' 7"	110	33' 10"	110	50' 0"	EF/DL	SS-8	SS-20	SS-1	EF/DL	-	-	4
36	70	24' 4"	110	34' 10"	110	51' 6"	EF/DL	SS-20	SS-10	EF/DL	-	-	-	3
37	65	25' 0"	110	35' 10"	110	52' 11"	EF/DL	SS-10	SS-20	SS-1	EF/DL	-	-	4
38	60	25' 8"	106	36' 10"	110	54' 5"	EF/DL	SS-2	SS-20	SS-10	EF/DL	-	-	4
39	56	26' 5"	98	37' 10"	110	55' 10"	EF/DL	SS-2	SS-20	SS-10	SS-1	EF/DL	-	5
40	52	27' 1"	92	38' 10"	110	57' 4"	EF/DL	SS-4	SS-20	SS-10	EF/DL	-	-	4
41	48	27' 10"	85	39' 10"	110	58' 10"	EF/DL	SS-4	SS-20	SS-10	SS-1	EF/DL	-	5
42	46	28' 6"	81	40' 10"	110	60' 2"	EF/DL	SS-6	SS-20	SS-10	EF/DL	-	-	4
43	43	29' 2"	75	41' 10"	110	61' 8"	EF/DL	SS-6	SS-20	SS-10	SS-1	EF/DL	-	5
44	40	29' 11"	70	42' 10"	110	63' 2"	EF/DL	SS-8	SS-20	SS-10	EF/DL	-	-	4
45	37	30' 8"	65	43' 10"	105	64' 7"	EF/DL	SS-8	SS-20	SS-10	SS-1	EF/DL	-	5
46	35	31 '5"	62	44' 10"	99	67' 3"	EF/DL	SS-20	SS-20	EF/DL	-	-	-	3
47	32	32' 1"	57	45' 10"	92	67' 6"	EF/DL	SS-20	SS-20	SS-1	EF/DL	-	-	4
48	30	32' 10"	54	46' 10"	87	69' 0"	EF/DL	SS-20	SS-20	SS-2	EF/DL	-	-	4
49	28	33' 6"	50	47' 10"	81	70' 6"	EF/DL	SS-2	SS-20	SS-20	SS-1	EF/DL	-	5
50	26	34' 2"	47	48' 10"	76	71' 11"	EF/DL	SS-20	SS-20	SS-4	EF/DL	-	-	4
51	24	34' 11"	44	49' 10"	71	73' 5"	EF/DL	SS-4	SS-20	SS-20	SS-1	EF/DL	-	5
52	23	35' 7"	41	50' 10"	67	74' 11"	EF/DL	SS-20	SS-20	SS-6	EF/DL	-	-	4
53	21	36' 4"	38	51' 10"	62	76' 4"	EF/DL	SS-6	SS-20	SS-20	SS-1	EF/DL	-	5
54	20	37' 0"	37	52' 10"	59	77' 10"	EF/DL	SS-20	SS-20	SS-8	EF/DL	-	-	4
55	19	37' 8"	34	53' 10"	55	79' 2"	EF/DL	SS-8	SS-20	SS-20	SS-1	EF/DL	-	5
56	17	38' 5"	32	54' 10"	52	80' 8"	EF/DL	SS-20	SS-20	SS-10	EF/DL	-	-	4
57	16	39' 1"	30	55' 10"	48	82' 8"	EF/DL	SS-10	SS-20	SS-20	SS-1	EF/DL	-	5
58	15	39' 7"	28	56' 10"	46	83' 5"	EF/DL	SS-10	SS-20	SS-20	SS-2	EF/DL	-	5
59	14	40' 7"	26	57' 10"	42	85' 1"	EF/DL	SS-2	SS-10	SS-20	SS-20	SS-1	EF/DL	6

Model DM110/170

2-Point 110/170-Metric Ton Spreader Beam System

The Dura-Mod® 2-Point/110/170-Metric Ton Spreader Beam can be configured in spreads of 6' to 59'. Order Spreader Sections, End Fittings, Drop Links, and Bolts separately to build the beam you want. To see full beam configuration, see page 39.

Dura-Mod® DM110/70 Notes

Bolts, Nuts and Washers can be reused as long as Anti-Seize Thread coating is used.

Slings and shackles are not provided as part of this assembly. Synthetic textile, chain and wire rope slings may be used. Consult your sling supplier as part of your lifting plan.

System Items & Weights:

Item	Description	Item Weight	No. Components Per Set
DM110/170-EF	End Fitting	440 lbs.	2
DM110/170-DL	Drop Link	160 lbs.	2
DM110-SS-20	20' Spreader Section	1425 lbs.	2
DM110-SS-10	10' Spreader Section	775 lbs.	1
DM110-SS-8	8' Spreader Section	645 lbs.	1
DM110-SS-6	6' Spreader Section	515 lbs.	1
DM110-SS-4	4' Spreader Section	80 lbs.	1
DM110-SS-2	2' Spreader Section	255 lbs.	1
DM110-SS-1	1' Spreader Section	185 lbs.	1
Bolt Kit	Six (6) - M20 X 2.5 X 65MM Class 8.8 Bolts Six (6) - M20 X 2.5MM Class 8 Nuts Twelve (12) - M20 Class 10.9 Washers	4.2 lbs. Each Kit	16 Kits
By Others	120 Ton Bolt Type Shackle	265 lbs.	2
By Others	85 Ton Bolt Type Shackle	154 lbs.	2

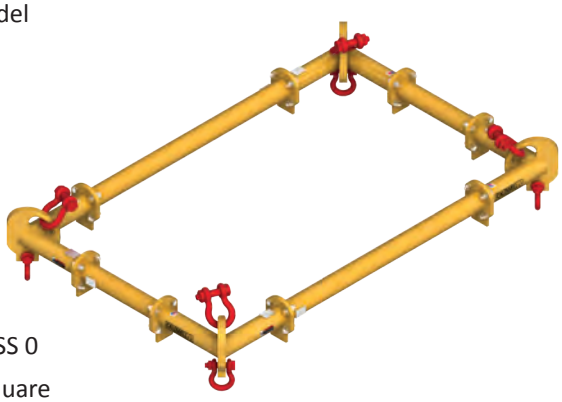
Capacity Vs. Span:

Beam/Span Length	Base to Sling Angle						Recommended Beam Configuration							Number of Bolt Kits
	45° BSA - Min Top		60° BSA - Min Top		70° BSA - Min Top									
	Metric Tons	Sling Length	Metric Tons	Sling Length	Metric Tons	Sling Length								
6	167	2' 10"	170	4' 7"	170	7' 5"	EF/DL	EF/DL	-	-	-	-	-	1
7	167	3' 6"	170	5' 7"	170	8' 10"	EF/DL	SS-1	EF/DL	-	-	-	-	2
8	167	4' 2"	170	6' 7"	170	10' 4"	EF/DL	SS-2	EF/DL	-	-	-	-	2
9	167	4' 11"	170	7' 7"	170	11' 8"	EF/DL	SS-2	SS-1	EF/DL	-	-	-	3
10	167	5' 8"	170	8' 7"	170	13' 2"	EF/DL	SS-4	EF/DL	-	-	-	-	2
11	167	6' 5"	170	9' 7"	170	14' 8"	EF/DL	SS-4	SS-1	EF/DL	-	-	-	3
12	167	7' 1"	170	10' 7"	170	16' 1"	EF/DL	SS-6	EF/DL	-	-	-	-	2
13	167	7' 10"	170	11' 7"	170	11' 7"	EF/DL	SS-6	SS-1	EF/DL	-	-	-	3
14	167	8' 6"	170	12' 7"	170	19' 0"	EF/DL	SS-8	EF/DL	-	-	-	-	2
15	167	9' 2"	170	13' 7"	170	20' 6"	EF/DL	SS-8	SS-1	EF/DL	-	-	-	3
16	167	9' 11"	170	14' 7"	170	22' 0"	EF/DL	SS-10	EF/DL	-	-	-	-	2
17	167	10' 7"	170	15' 7"	170	22' 0"	EF/DL	SS-10	SS-1	EF/DL	-	-	-	3
18	167	11' 4"	170	16' 7"	170	24' 11"	EF/DL	SS-10	SS-2	EF/DL	-	-	-	3
19	167	12' 0"	170	17' 7"	170	26' 5"	EF/DL	SS-2	SS-10	SS-1	EF/DL	-	-	4
20	167	12' 8"	170	18' 7"	170	27' 10"	EF/DL	SS-10	SS-4	EF/DL	-	-	-	3
21	160	13' 5"	170	19' 7"	170	29' 4"	EF/DL	SS-4	SS-10	SS-1	EF/DL	-	-	4
22	155	14' 1"	170	20' 7"	170	30' 8"	EF/DL	SS-10	SS-6	EF/DL	-	-	-	3
23	148	14' 10"	170	21' 7"	170	32' 2"	EF/DL	SS-6	SS-10	SS-1	EF/DL	-	-	4
24	142	15' 7"	170	22' 7"	170	33' 8"	EF/DL	SS-10	SS-8	EF/DL	-	-	-	3
25	135	16' 4"	170	23' 7"	170	35' 1"	EF/DL	SS-8	SS-10	SS-1	EF/DL	-	-	4
26	128	17' 0"	170	24' 7"	170	36' 7"	EF/DL	SS-20	EF/DL	-	-	-	-	2
27	121	17' 8"	170	25' 7"	170	38' 1"	EF/DL	SS-20	SS-1	EF/DL	-	-	-	3
28	115	18' 5"	170	26' 7"	170	39' 6"	EF/DL	SS-20	SS-2	EF/DL	-	-	-	3
29	108	19' 1"	170	27' 7"	170	41' 0"	EF/DL	SS-2	SS-20	SS-1	EF/DL	-	-	4
30	103	19' 10"	170	28' 7"	170	42' 5"	EF/DL	SS-20	SS-4	EF/DL	-	-	-	3
31	96	20' 6"	164	29' 7"	170	43' 11"	EF/DL	SS-4	SS-20	SS-1	EF/DL	-	-	4
32	91	21' 2"	158	30' 7"	170	45' 5"	EF/DL	SS-20	SS-6	EF/DL	-	-	-	3
33	84	21' 11"	147	31' 7"	170	46' 10"	EF/DL	SS-6	SS-20	SS-1	EF/DL	-	-	4
34	80	22' 7"	139	32' 7"	170	48' 4"	EF/DL	SS-20	SS-8	EF/DL	-	-	-	3
35	74	23' 4"	129	33' 7"	170	49' 8"	EF/DL	SS-8	SS-20	SS-1	EF/DL	-	-	4
36	70	24' 0"	122	34' 7"	170	51' 2"	EF/DL	SS-20	SS-10	EF/DL	-	-	-	3
37	65	24' 8"	113	35' 7"	170	52' 8"	EF/DL	SS-10	SS-20	SS-1	EF/DL	-	-	4
38	60	25' 6"	106	36' 7"	169	54' 1"	EF/DL	SS-2	SS-20	SS-10	EF/DL	-	-	4
39	56	26' 2"	98	37' 7"	156	55' 7"	EF/DL	SS-2	SS-20	SS-10	SS-1	EF/DL	-	5
40	52	26' 11"	92	38' 7"	146	57' 1"	EF/DL	SS-4	SS-20	SS-10	EF/DL	-	-	4
41	48	27' 7"	85	39' 7"	136	58' 6"	EF/DL	SS-4	SS-20	SS-10	SS-1	EF/DL	-	5
42	46	26' 11"	81	40' 7"	130	57' 1"	EF/DL	SS-6	SS-20	SS-10	EF/DL	-	-	4
43	43	29' 0"	75	41' 7"	121	61' 5"	EF/DL	SS-6	SS-20	SS-10	SS-1	EF/DL	-	5
44	40	29' 8"	70	42' 7"	113	62' 11"	EF/DL	SS-8	SS-20	SS-10	EF/DL	-	-	4
45	37	30' 5"	65	43' 7"	105	64' 5"	EF/DL	SS-8	SS-20	SS-10	SS-1	EF/DL	-	5
46	35	31' 1"	62	44' 7"	99	65' 10"	EF/DL	SS-20	SS-20	EF/DL	-	-	-	3
47	32	31' 10"	57	45' 7"	92	67' 4"	EF/DL	SS-20	SS-20	SS-1	EF/DL	-	-	4
48	30	32' 6"	54	46' 7"	87	68' 10"	EF/DL	SS-20	SS-20	SS-2	EF/DL	-	-	4
49	28	33' 2"	50	47' 7"	81	70' 2"	EF/DL	SS-2	SS-20	SS-20	SS-1	EF/DL	-	5
50	26	33' 11"	47	48' 7"	76	71' 8"	EF/DL	SS-6	SS-20	SS-20	SS-4	EF/DL	-	5
51	24	34' 7"	44	49' 7"	71	73' 1"	EF/DL	SS-4	SS-20	SS-20	SS-1	EF/DL	-	5
52	23	35' 5"	41	50' 7"	67	74' 7"	EF/DL	SS-20	SS-20	SS-6	EF/DL	-	-	4
53	21	36' 1"	38	51' 7"	62	76' 1"	EF/DL	SS-6	SS-20	SS-20	SS-1	EF/DL	-	5
54	20	36' 10	37	50' 7"	59	74' 7"	EF/DL	SS-20	SS-20	SS-8	EF/DL	-	-	4
55	19	37' 6"	34	53' 7"	55	79' 0"	EF/DL	SS-8	SS-20	SS-20	SS-1	EF/DL	-	5
56	17	38' 2"	32	54' 7"	52	80' 5"	EF/DL	SS-20	SS-20	SS-10	EF/DL	-	-	4
57	16	38' 11"	30	55' 7"	48	81' 11"	EF/DL	SS-10	SS-20	SS-20	SS-1	EF/DL	-	5
58	15	39' 10"	28	56' 7"	46	83' 5"	EF/DL	SS-10	SS-20	SS-20	SS-2	EF/DL	-	5
59	14	40' 4"	26	57' 7"	42	84' 10"	EF/DL	SS-2	SS-10	SS-20	SS-20	SS-1	EF/DL	6

Model DM30 & Model DM60

30- and 60-Metric Ton Box Spreader Beam Systems

Modular Box Spreader Beam can be configured in spreads of 3' to 20' (Model DM30) or 4' to 36' (DM60) in square or rectagular configurations.



Product Features:

- Choose 30- or 60-Metric Ton System
- Quickly configure a 4-point spreader beam to match your lift requirements
- 4-point spreader beam provides added stability
- Knock-down design is easily transported
- Capacity ratings can be provided that meet ASME B30.20, BTH-1, DESIGN CATEGORY B, CLASS 0 or ASME B30.20, BTH-1, DESIGN CATEGORY A, CLASS 0
- Combinations of 1 to 5 spreadersections can be used to create custom square and rectangular configurations
- Custom-designed systems available

Dura-Mod® DM30 & DM60 Notes

Bolts, Nuts and Washers can be reused as long as Anti-Seize Thread coating is used.

Slings and shackles are not provided as part of this assembly. Synthetic textile, chain and wire rope slings may be used. Consult your sling supplier as part of your lifting plan.

DM30 System Items & Weights:

Item	Description	Item Weight
DM30-CF	1.5' Corner Fitting	115 lbs.
DM24-SS-6	6' Spreader Section	110 lbs.
DM24-SS-4	4' Spreader Section	80 lbs.
DM24-SS-2	2' Spreader Section	50 lbs.
DM24-SS-1	1' Spreader Section	35 lbs
Bolt Kit	Four (4) - M20 X 2.5 X 55MM Class 8.8 Bolts Four (4) - M20 X 2.5MM Class 8 Nuts Eight (8) - M20 Class 10.9 Washers	2.6 lbs. Each Kit
By Others	17 Ton Bolt Type Shackle	19 lbs.
By Others	12 Ton Bolt Type Shackle	12 lbs.

DM 60 System Items & Weights:

Item	Description	Item Weight
DM60-CF	2' Corner Fitting	340 lbs.
DM50-SS-12	12' Spreader Section	500 lbs.
DM50-SS-6	6' Spreader Section	275 lbs.
DM50-SS-3	3' Spreader Section	165 lbs.
DM50-SS-2	2' Spreader Section	125 lbs.
DM50-SS-1	1' Spreader Section	85 lbs.
Bolt Kit	Six (6) - M20 X 2.5 X 65MM Class 8.8 Bolts Six (6) - M20 X 2.5MM Class 8 Nuts Twelve (12) - M20 Class 10.9 Washers	4.2 lbs. Each Kit
By Others	35 Ton Bolt Type Shackle	53 lbs.
By Others	25 Ton Bolt Type Shackle	34 lbs.

MD 30 Capacity Vs. Span:

Model DM30t - Metric Tons @ 60° BSA									
20									23
18								24	21
16							30	24	20
14						30	30	24	19
12					30	30	24	23	18
10				30	30	30	24	22	17
8			30	30	30	30	24	20	17
6		30	30	30	30	28	24	19	16
3	30	30	30	30	30	27	23	19	16
Span (ft)	3	6	8	10	12	14	16	18	20

Model DM30t - Metric Tons @ 45° BSA									
20									13
18								14	12
16							17	14	11
14						17	17	14	11
12					17	17	14	13	10
10				17	17	17	14	12	9
8			17	17	17	17	14	11	9
6		17	17	17	17	16	14	11	9
3	17	17	17	17	17	15	13	11	9
Span (ft)	3	6	8	10	12	14	16	18	20

DM60 Capacity Vs. Span:

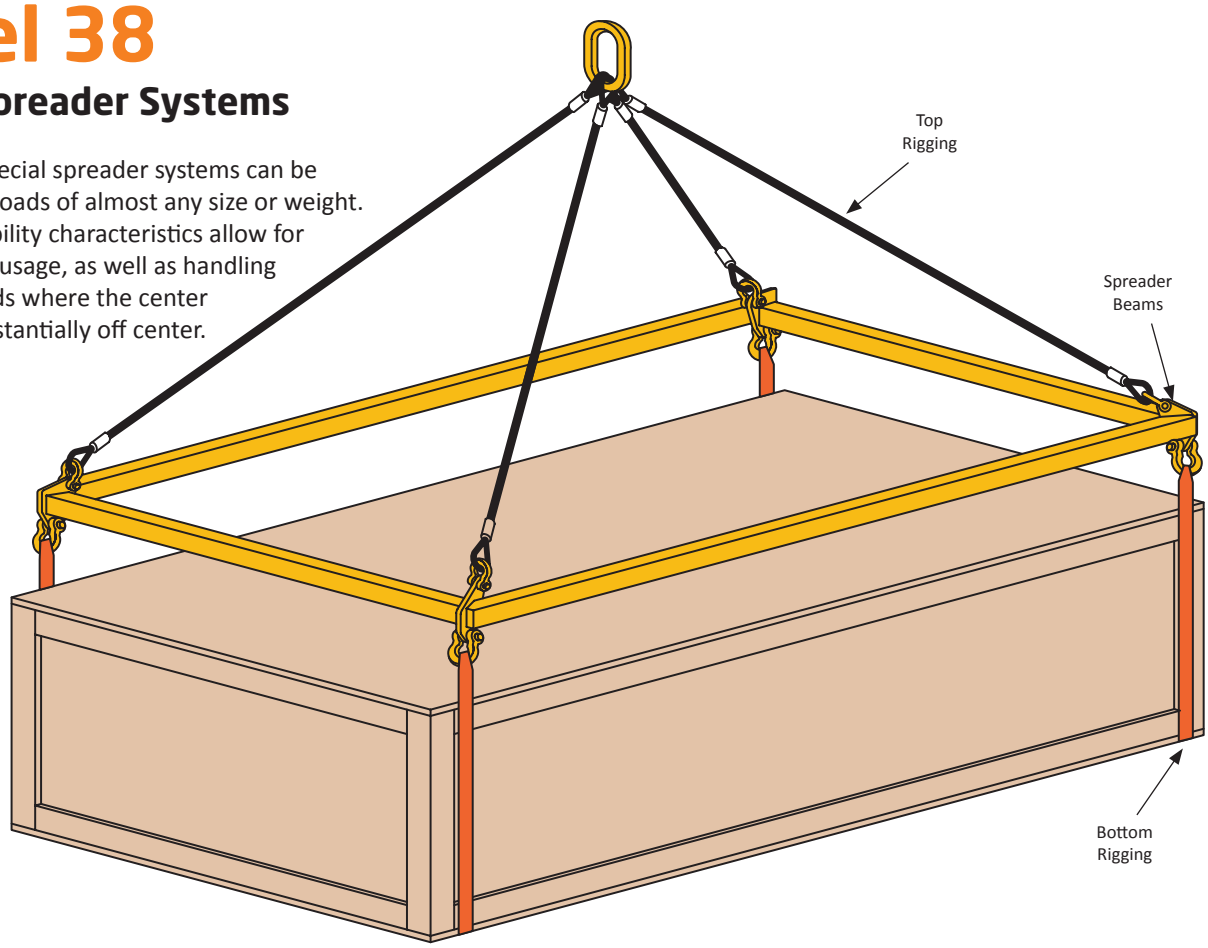
Model DM60t - Metric Tons @ 60° BSA												
36												32
34											38	31
31										45	36	30
28									54	44	34	29
25								54	53	42	33	27
22							60	53	51	40	32	26
19						60	60	51	47	38	30	25
16					60	60	56	47	45	36	29	25
13				60	60	60	52	45	43	34	28	24
10			60	60	60	60	50	45	42	34	27	23
7		60	60	60	60	60	50	45	41	33	26	23
4	60	60	60	60	60	60	50	45	41	32	26	22
Span (ft)	4	7	10	13	16	19	22	25	28	31	34	36

Model DM60t - Metric Tons @ 45° BSA												
36												18
34											22	18
31										25	21	17
28									31	24	19	16
25								31	30	23	18	15
22							31	30	29	22	18	14
19						40	31	29	27	22	17	14
16					40	40	29	27	25	21	16	13
13				50	40	36	27	25	24	19	15	13
10			50	50	40	36	25	25	23	19	15	12
7		50	50	50	40	36	25	25	22	18	14	12
4	50	50	50	50	40	36	25	25	22	18	14	12
Span (ft)	4	7	10	13	16	19	22	25	28	31	34	36

Model 38

Custom Spreader Systems

This series of special spreader systems can be designed to lift loads of almost any size or weight. Certain adjustability characteristics allow for a wide range of usage, as well as handling unbalanced loads where the center of gravity is substantially off center.



Top Rigging Options:

A. Fixed length 4-leg wire rope or chain sling

B. 4-point Adjust-A-Leg® load leveling sling for unbalanced loads

Spreader Beam Options:

C. Fixed-length/width spreader design in rigid or bolt together style; specify style required

D. Telescopic length/width spreader design to handle loads of varying sizes. Specify min./max. lengths required for spreader length and/or width

Product Features:

The type of bottom rigging required is dependent on the location of the load pick points in relation to its center of gravity. Some common applications require:

E. Top or bottom container lifting lugs with wire rope slings

F. Chain slings with hook attachments

G. Nylon/polyester web slings

H. Boat lifting belly slings for marine applications

I. Vehicle lifting wheel nets

Model Number	Specifications
Model 38	Call 800.628.4263 for details

Count On Caldwell For Customization

The Caldwell engineering and technical sales staff brings decades of expertise in creating those “things that have never been done before.”

Call 800.628.4263 to get started on your project today!



Custom Lunar Lander Transport Carriage

Application Evaluation

LOAD INFORMATION:

Describe load: _____

Maximum weight: _____

Number of pickup points: _____

Distance between (spacing) pickup points: _____

_____

Is load center of gravity centered between outer pick points? ❑ Yes ❑ No

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

_____

What type of attachment to the load?

❑ Shackles ❑ Swivel Hooks ❑ Lifting Slings ❑ Other (specify) _____

Describe specific requirements: _____

_____

CRANE INFORMATION:

Approximate distance between load and crane:

_____

SINGLE CRANE HOIST INFORMATION:

Capacity: _____

ID Markings: _____

DUAL CRANE HOIST INFORMATION:

Distance between: _____

Same capacity? ❑ Yes ❑ No

If no, specify capacities: _____

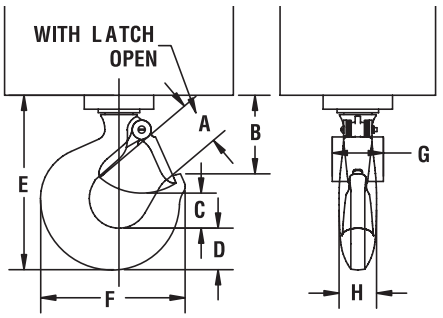
_____

CRANE HOOK DATA:

Hook Manufacturer: _____

Hook Size: _____

ID Markings: _____



	INCHES
A	_____+0
B	_____+0
C	_____+0
D	_____-0
E	_____-0
F	_____+/-
G	_____-0
H	_____-0

MEASUREMENT TOLERANCES

+0 = Measurement should be no larger but can be smaller than actual.
-0 = Measurement should be no smaller but can be larger than actual.
+/- = Measurement can be larger or smaller than actual.

Contact: _____

Company: _____

Address: _____

City, State, Zip: _____

Phone: _____

Fax: _____

Email: _____

For a price quote on your specific application, please complete the above form and fax to The Caldwell Group at **815-229-5686** or you can complete this form online at **www.caldwellinc.com/applications.**

Paper Roll Lifters

INDEX

Paper Roll Lifting Beams.....49-50
Paper Roll Lifting Tongs.....51
Paper Roll C Hooks, Pallet Lifters, Positioners.....52
Paper Roll Application Evaluation.....53



Photo courtesy of
J.B Kenehan Printing Services,
Waukesha, WI

Model 23QS

Roll Lifting Beams

Sometimes the simple designs are the best. This product has been part of the Caldwell assortment for a long time ... and for good reason. It works. You tell us how to cut the J-hooks and choose fixed or pivot. They're fast to set, easy to train, and help material handlers on the shop floor get the job done.

Product Features:

- Standard beam sizes
- J-Hooks are custom cut per order to fit your specific application
- Hooks can be fixed or pivot style
- J-Hooks are quickly and infinitely adjustable between minimum and maximum spread
- Complies with ASME standards

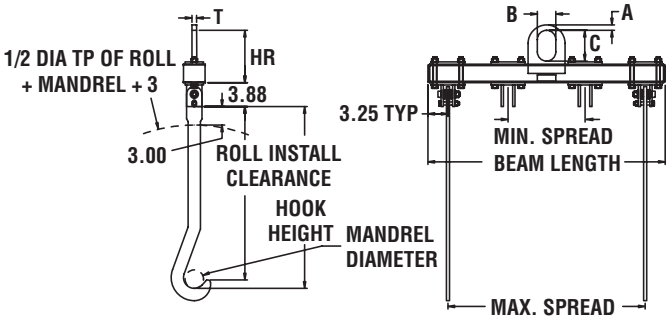


PRODUCT OPERATION



Photo courtesy of J.B Kenehan Printing Services, Waukesha, WI

MODEL 23QS



Note: All dimensions shown in inches.

Capacity (tons)	Model Number HR Headroom (in.) Min. Spread (in.)	Max. Spread (ft.)						Hook Thickness (in.)	Bail (in.)			
		3	4	6	8	10	12		A	B	C	T
1/2	**Model Number** HR Headroom Min. Spread	**23QS-1/2-3** 8 1/2 12	**23QS-1/2-4** 8 1/2 12	**23QS-1/2-6** 8 1/2 12	**23QS-1/2-8** 8 1/2 24	**23QS-1/2-10** 9 1/2 24	**23QS-1/2-12** 9 1/2 24	1/2	7/8	3	5	3/4
1	**Model Number** HR Headroom Min. Spread	**23QS-1-3** 8 1/2 12	**23QS-1-4** 8 1/2 12	**23QS-1-6** 9 1/2 12	**23QS-1-8** 9 1/2 24	**23QS-1-10** 10 1/2 24	**23QS-1-12** 10 1/2 24	1/2	7/8	3	5	3/4
2	**Model Number** HR Headroom Min. Spread	**23QS-2-3** 9 1/2 12	**23QS-2-4** 9 1/2 12	**23QS-2-6** 10 1/2 12	**23QS-2-8** 11 1/2 24	**23QS-2-10** 12 1/2 24	**23QS-2-12** 12 1/2 24	1/2	7/8	3	5	3/4
3	**Model Number** HR Headroom Min. Spread	**23QS-3-3** 10 1/2 12	**23QS-3-4** 10 1/2 12	**23QS-3-6** 11 1/2 24	**23QS-3-8** 12 1/2 24	**23QS-3-10** 13 1/2 24	**23QS-3-12** 13 1/2 24	3/4	1 1/2	3	5	1
5	**Model Number** HR Headroom Min. Spread	**23QS-5-3** 13 1/2 24	**23QS-5-4** 14 1/2 24	**23QS-5-6** 15 1/2 24	**23QS-5-8** 17 1/2 24	**23QS-5-10** 17 1/2 24	**23QS-5-12** 19 1/2 24	1	2	4	7	1

Model 23

Roll Lifting Beams

Used to lift rolls with plate style or bent bar J-hooks. Hooks are designed to support the core mandrel which is through the I.D. of the roll. Fixed beam lengths can be used for single roll widths. Maximum roll diameters will determine length of J-Hooks.



Product Features:

- Ideal where headroom is limited
- Easy lifting and positioning of rolls
- Adjustable spread options
- Twin hoist capability
- Motorized rotation available
- Complies with ASME standards

PRODUCT OPTIONS



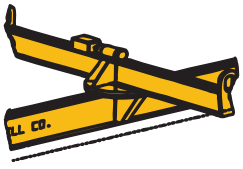
OPTION A
Adjustable Spreads
Used when handling rolls of varying widths.



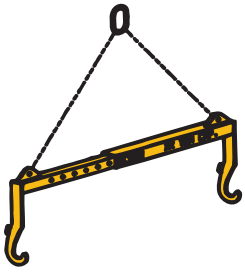
OPTION B
Hook Linings
a. Bronze/Brass
b. Urethane
c. Brake Lining
(Min. Shaft Dia.= 6")



OPTION C
Twin Bails
Used when two hoists are required to stabilize a lift, when load rotation is not desirable.



OPTION D
Motorized Rotation
Allows remote positioning of a load. For additional information, see Model 21 on page 29.



OPTION E
Spreader Beam
Offers greater stability when required headroom is not a consideration.

PRODUCT OPERATION



Choose the Model 23 with a fixed-length beam when your roll width doesn't change. J-hook lengths will vary based on roll diameters.

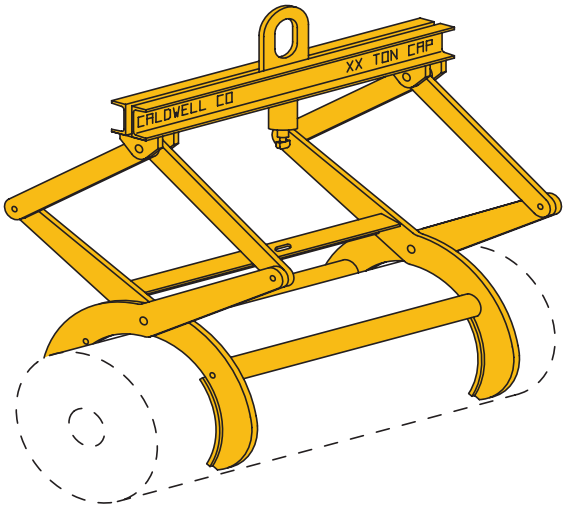
Looking For Severe-Duty Options?

Caldwell's Mill-Duty line handles higher load cycles, extreme temperatures, and other complicated environments. Call 800.628.4263 to let us engineer the right solution for your facility.

Model 74P

Roll-Gripping Tongs

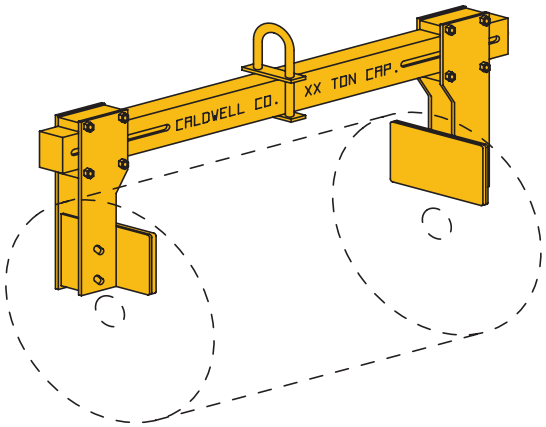
Used to grip the O.D. of a roll. The diameter range can vary up to 25%. Used to grip the O.D. of a roll. The diameter range can vary up to 25%. A double-leg design will provide additional roll stability. However, single-leg models are available for narrower rolls. Double-leg tongs recommended for rolls wider than 48".



Product Features:

- Automatic latching mechanism for single-person operation
- Optional tong saddles with protective covering to prevent roll damage are available
- Product capacity for Double-Leg: 4 ton
- Product capacity for Single-Leg: 2-1/2 ton

Model Number	Specifications
Model 74P	Call 800.628.4263 for details



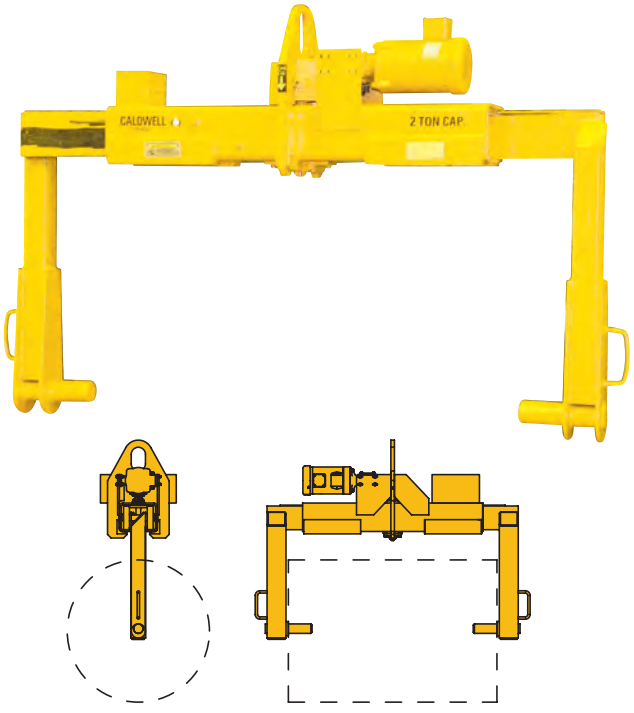
Model 75P

Roll Grabs

Used for side lifting of rolls by gripping on the ends. A wide range of roll lengths or widths can be accommodated. Standard motorization allows for fast and easy adjustment to handle various load sizes. Manual units are available.

Product Capacities: To 5 ton

Model Number	Specifications
Model 75P	Call 800.628.4263 for details



Model 85P

Motorized Roll Lifters

Used to lift rolls by positioning lifting pins in the I.D. of the roll. Arms move in and out to clear and lift roll. This model will handle a variety of widths with minimal aisle clearance requirements. Motorization is recommended; however, chainwheel operation is available.

Product Capacities: To 10 ton

Model Number	Specifications
Model 85P	Call 800.628.4263 for details

Model 81P

Roll Lifting C-Hooks

This Caldwell Model 81P Roll Lifter is designed to handle rolls by inserting a round arm into the roll I.D. This unit is counter balanced to hang level when empty for ease of insertion into the roll core. Guide handle is standard. Lifter parking stand can be furnished if required.

Product Capacities: To 5 ton

Model Number	Specifications
Model 81P	Call 800.628.4263 for details



Model 90/90P

Pallet or O.D. Lifters

Model 90 Pallet Lifter allows your overhead crane to be converted into an overhead lift truck. Available with fixed or adjustable forks.

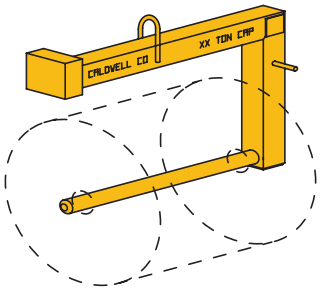
Product Capacities: To 10 ton

Model 90P Pallet Type Roll Lifter lifts and transports a roll by supporting it underneath its diameter, leaving the core open.

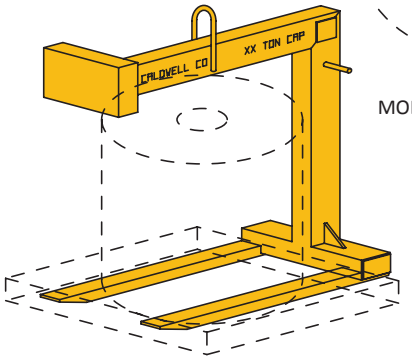
Product Capacities: To 10 ton

Model Number	Specifications
Models 90 & 90P	Call 800.628.4263 for details

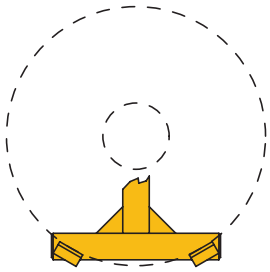
MODEL 81P



MODEL 90



MODEL 90P



Model 88

Roll Positioners

Low-Platform Roll Upender/Downender allows rolls to be repositioned by 90° rotation. The low-platform is desirable in those applications where headroom is restricted. Hydraulic controls are standard.

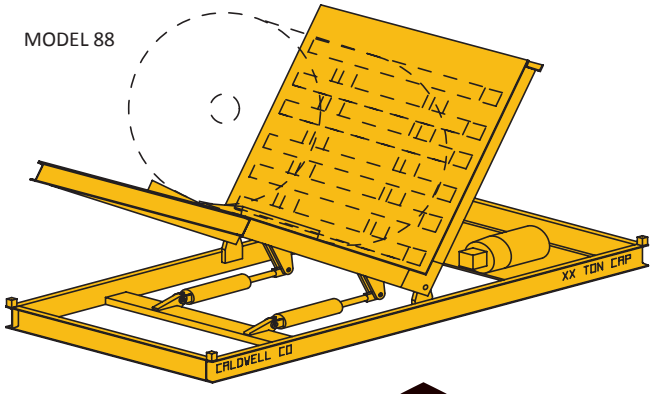
Product Capacities: To 7-1/2 ton

Heavy duty Model 88 Roll Positioner is available with a mechanical drive. This model requires additional platform height.

Product Capacities: To 30 ton

Model Number	Specifications
Model 88	Call 800.628.4263 for details

MODEL 88



Application Evaluation

Please specify the desired model number:_____

Roll Information:

Minimum: Length _____ Diameter _____ Weight _____

Maximum: Length _____ Diameter _____ Weight _____

Shaft / I.D. Information:

Minimum: Length _____ Diameter _____

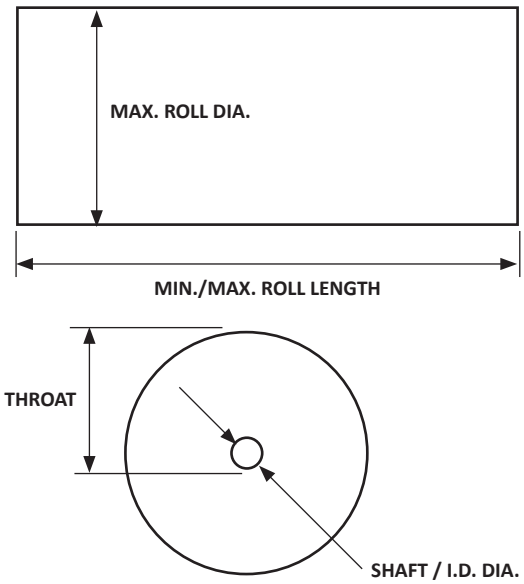
Maximum: Length _____ Diameter _____

Any clearance requirements: i.e., headroom, machinery obstructions, etc.

_____

_____

_____



J-Hook Information (For Model 23's):

Is shaft turning when roll is lifted ❑ Yes ❑ No

Hook style: ❑ Pivoting ❑ Fixed

Power Requirements (For Motorized Units):

❑ DC ❑ AC Voltage _____ Phase _____ Cycle _____

Additional application information or option requirements:

_____

_____

_____

For a price quote on your specific application, please complete the above form and fax to The Caldwell Group at **815-229-5686** or you can complete this form online at **www.caldwellinc.com/applications.**

Contact: _____

Company: _____

Address: _____

City, State, Zip: _____

Phone: _____

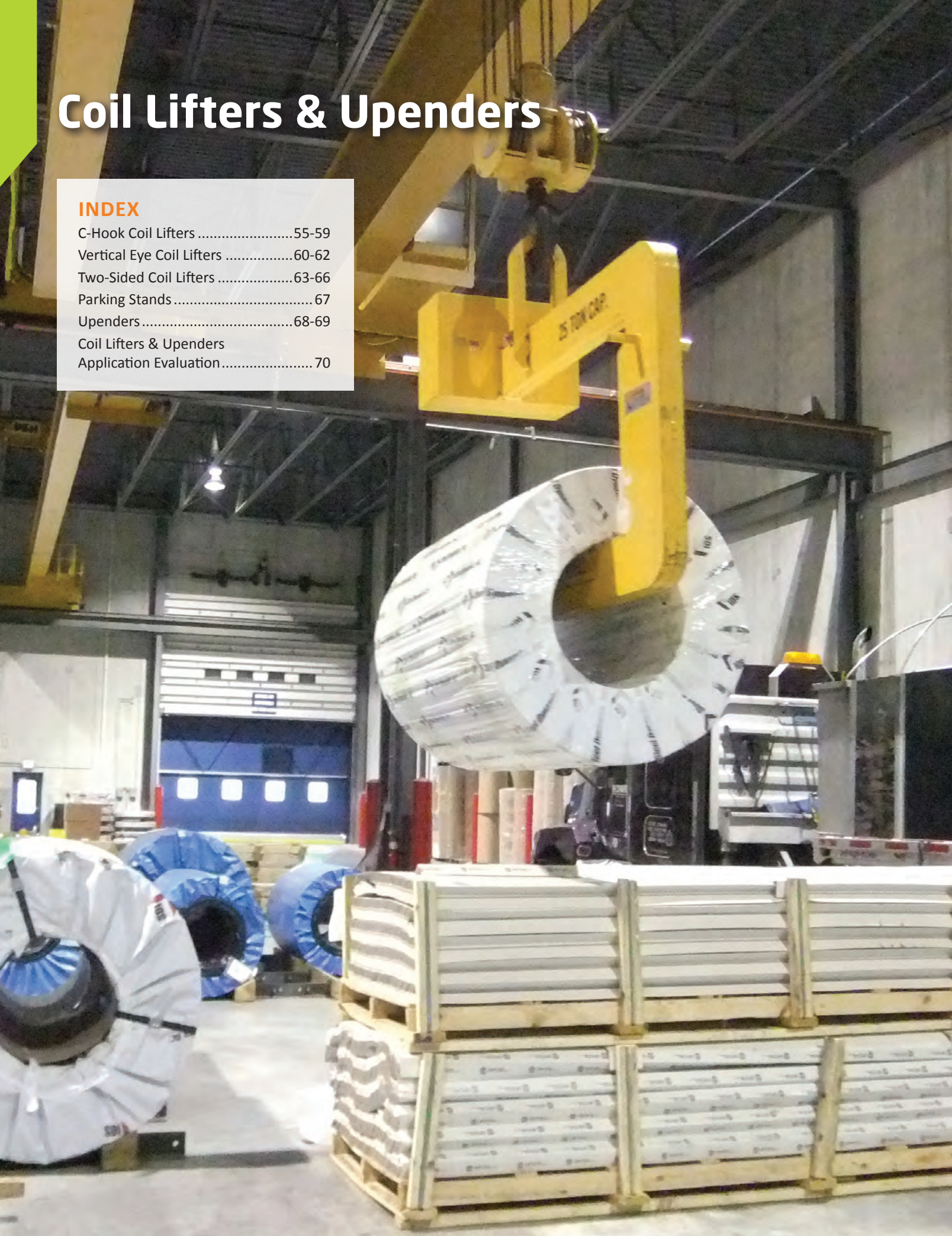
Fax: _____

EMail: _____

Coil Lifters & Upenders

INDEX

C-Hook Coil Lifters 55-59
Vertical Eye Coil Lifters 60-62
Two-Sided Coil Lifters 63-66
Parking Stands 67
Upenders 68-69
Coil Lifters & Upenders
Application Evaluation 70



Model 82NC

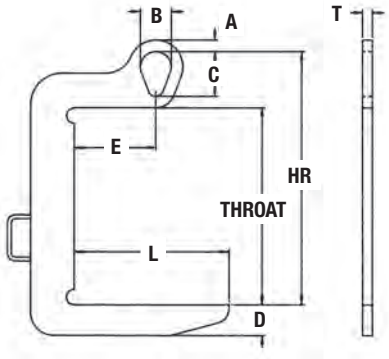
Narrow Coil C-Hook

Available in capacities from 1/2 ton to 5 tons. Choose a narrow hook to handle narrow coils with less coil edge damage than web slings. Unit will not hang level when empty.

Product Features:

- Handles narrow coils with less coil edge damage
- More durable than web slings
- Lightweight for easier handling
- Built-in guide handle for ease of coil positioning
- Available with optional curved coil saddle
- Inside radius on hooks avoid coil edge contact
- Complies with ASME standards

MODEL 82NC



NOTE: E = (L ÷ 2) + 1/2" inch.

WARNING

Load center of gravity must be in-line with the center of the hoist.



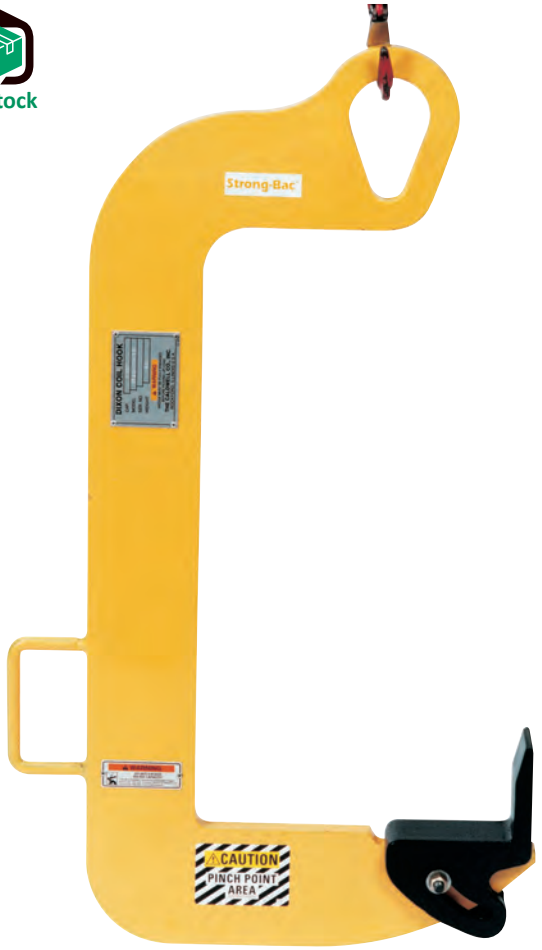
*Will not hang level when empty.

Model Number	Capacity (tons)	Dimensions (inches)									Weight (lbs.)
		Coil Width Max.	Throat	Lifting Arm Plate Length L	Depth D	HR Headroom	Bail Dimensions				
							A	B	C	T	
82NC-1/2-8	1/2	8	14-1/2	8	2-1/4	18-1/2	13/16	2	3-1/4	1/2	14
82NC-1/2-12	1/2	12	14-1/2	12	2-5/8	18-1/2	13/16	2	3-1/4	1/2	17
82NC-1-8	1	8	17-1/2	8	2	21-1/2	13/16	2	3-1/4	1/2	15
82NC-1-16	1	16	17-1/2	16	2-1/2	21-1/2	13/16	2	3-1/4	1/2	20
82NC-2-8	2	8	19-1/2	8	2-1/8	24-9/16	1	2-9/16	4-1/16	3/4	22
82NC-2-16	2	16	19-1/2	16	3	24-9/16	1	2-9/16	4-1/16	3/4	40
82NC-3 1/2-12	3-1/2	12	21-1/2	12	2-7/8	28-1/8	1-3/16	3-5/8	5-5/16	1	50
82NC-3 1/2-16	3-1/2	16	21-1/2	16	3-3/8	28-1/8	1-3/16	3-5/8	5-5/16	1	63
82NC-5-16	5	16	25-1/2	16	3-1/2	32-13/16	1-1/2	4	5-13/16	1-1/4	94
82NC-5-20	5	20	25-1/2	20	4	32-13/16	1-1/2	4	5-13/16	1-1/4	110

Model 80H

Dixon Coil Hook with Pivoting Wedge

In-Stock

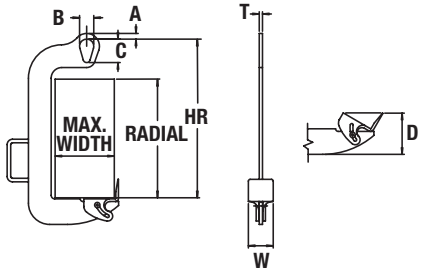


It's all about the pivoting wedge on this unit. By maneuvering that wedge in between two stacked coils, an operator can separate them and begin a tllt, allowing the rest of the hook to slide in and do its job.

Product Features:

- Easy horizontal to vertical upending of coils
- Pivoting wedge for easy tilting of stacked coils
- Wedge acts as retainer
- Efficient and easy to use
- Popular for use with small, lightweight coils
- For use where overhead clearance is limited
- Specially designed heat treated pivoting wedge
- Complies with ASME standards

MODEL 80H



Model Number	Capacity (tons)	Dimensions (inches)										Weight (lbs.)
		Max. Width	Max. Radial	Min. I.D.	HR Headroom	A	B	C	D	T	W	
80H-1/2-6/13	1/2	6	13	9	19.1	13/16	2	3-5/16	6	1/2	3-1/2	20
80H-1/2-12/13	1/2	12	13	13	22	13/16	2	3-5/16	6	1/2	3-1/2	28
80H-1-8/16	1	8	16	10	22.8	13/16	2	3-5/16	6	1/2	3-1/2	23
80H-2-10/18	2	10	18	12-1/2	26	1	2-5/8	4	6-3/4	3/4	2	42
80H-3.5-12/20	3-1/2	12	20	14-1/2	30.6	1-3/16	3-5/8	5-5/16	7-3/4	1	2-1/2	80
80H-5-12/24	5	12	24	20-1/2	34.8	1-1/2	4	5-3/4	9.12	1-1/4	3	116

Other sizes available, consult factory.
In Stock Program - Green model numbers products ship in 48 hours. Excluding weekends and holidays.

PRODUCT OPERATION









CALDWELL LIFTING SOLUTIONS

Model 82

Heavy-Duty C-Hook

With capacities from 5 to 50 tons, this C-hook is built to perform. A mill favorite, the standard design shows up and does the work every day. Need customizations like padding for coil protection, other capacities, or something else? Call 800.628.4263 to talk about your application.



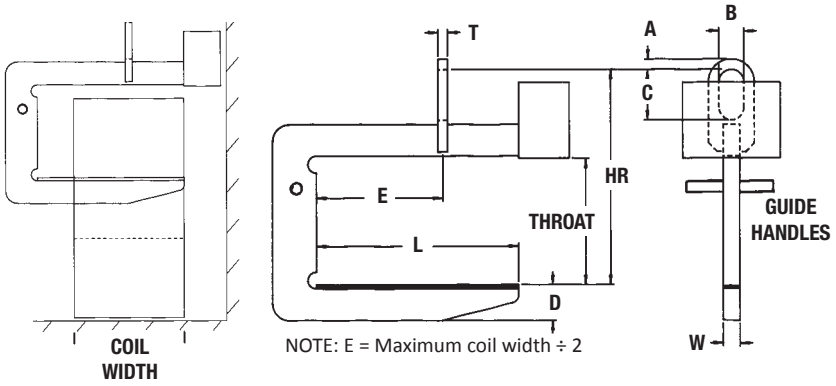
Product Features:

- Designed for heavy-duty applications
- High-tensile alloy steel plate reduces physical size and weight
- Counterbalanced to hang level when empty
- Inside radius on hooks avoid coil edge contact
- Curved coil saddle is standard
- Guide handles for ease of hook positioning
- Handles a wide range of coil widths
- Available with optional padding for additional coil protection
- Complies with ASME standards

WARNING

Center of the hoist and bail must be in-line with the load's center of gravity.

MODEL 82



NOTE: E = Maximum coil width ÷ 2

Model Number	Capacity (tons)	Dimensions (inches)											Weight (lbs.)
		Coil Width		Throat	Lifting Arm			HR Headroom	Bail Dimensions				
					Length	Depth	Width		Opening			Thk.	
		Max.	Min.		L	D	W		A	B	C	T	
82-5-36	5	36	24	24	30	5.54	4	37.5	1-1/2	4	7	1-1/4	438
82-5-48		48	30	24	39	6.125	4	38	1-1/2	4	7	1-1/4	564
82-5-60		60	36	24	48	6.8	4	38.75	1-1/2	4	7	1-1/4	724
82-7 1/2-36	7-1/2	36	24	24	30	5.9	4	37.75	1-1/2	4	7	1-1/2	615
82-7 1/2-48		48	30	24	39	6.6	4	38.5	1-1/2	4	7	1-1/2	805
82-7 1/2-60		60	36	24	48	7.2	4	39.2	1-1/2	4	7	1-1/2	980
82-10-48	10	48	30	24	39	7.6	4	41.5	2	5	9	1-3/4	968
82-10-60		60	36	24	48	7.5	4	41.375	2	5	9	1-3/4	1295
82-10-72		72	42	24	57	8.8	4	42.6	2	5	9	1-3/4	1712
82-15-48	15	48	30	30	39	7.4	4	47.25	2	5	9	1-3/4	1457
82-15-60		60	36	30	48	8.2	4	48	2	5	9	1-3/4	1908
82-15-72		72	42	30	57	8.9	4	48.75	2	5	9	1-3/4	2330
82-20-60	20	60	36	30	48	9.4	4	52.25	2-1/4	6	12	2	2307
82-20-72		72	42	30	57	10.4	4	53.25	2-1/4	6	12	2	2832
82-25-60	25	60	36	34	48	9.3	4	58	2-1/2	6	14	2-1/4	3109
82-25-72		72	42	34	57	10.13	4	58.9	2-1/2	6	14	2-1/4	3928
82-30-60	30	60	36	34	48	10	4	58.75	2-3/4	6	14	2-1/2	3400
82-30-72		72	42	34	57	10.9	4	59.7	2-3/4	6	14	2-1/2	5567
82-40-72	40	72	42	38	57	11.4	5	68.14	3-1/4	7	18	3	5850
82-50-84	50	84	48	45	64-1/2	13.13	6	77	3-3/4	7	18	3	8685

Other sizes available, consult factory.

Model 82RC

Close-Stacking C-Hook

When space is tight and the loads are heavy, this is the hook for the job. Based off Caldwell's best-selling Model 82, the Model 82RC features a recessed counterweight that allows you to stack coils closer together, making the most of the space you have available.



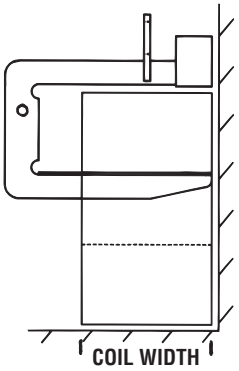
Product Features:

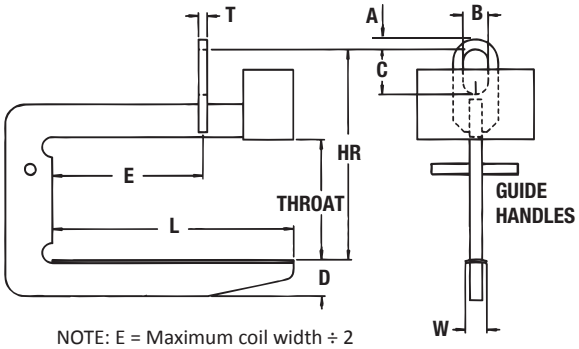
- Recessed counterweight allows for close stacking of coils, which maximizes floor space
- Handles a wide range of coil widths
- Designed for heavy-duty application
- High tensile alloy steel plate reduces physical size and weight
- Counterbalanced to hang level when empty
- Inside radius on hooks avoid coil edge contact
- Curved coil saddle is standard
- Guide handle for ease of hook positioning
- Available with optional padding for additional coil protection
- Complies with ASME standards

WARNING

Center of the hoist and bail must be in-line with the load's center of gravity.

MODEL 82 RC





NOTE: E = Maximum coil width ÷ 2

Model Number	Capacity (tons)	Dimensions (inches)											Weight (lbs.)
		Coil Width		Throat	Lifting Arm			HR Headroom	Bail Dimensions				
		Max.	Min.		Length L	Depth D	Width W		Opening A	B	C	Thk. T	
82RC-5-36	5	36	24	24	30	5-5/16	4	37-1/4	1-1/2	4	7	1-1/4	550
82RC-5-48		48	30	24	39	6-1/8	4	38-1/16	1-1/2	4	7	1-1/4	707
82RC-5-60		60	36	24	48	6-15/16	4	39	1-1/2	4	7	1-1/4	853
82RC-7 1/2-36	7-1/2	36	24	24	30	5-5/8	4	37-1/2	1-1/2	4	7	1-1/2	750
82RC-7 1/2-48		48	30	24	39	6-3/8	4	38-1/4	1-1/2	4	7	1-1/2	996
82RC-7 1/2-60		60	36	24	48	6-15/16	4	39	1-1/2	4	7	1-1/2	1161
82RC-10-48	10	48	30	24	39	7-3/16	4	41-1/4	2	5	9	1-3/4	1200
82RC-10-60		60	36	24	48	7-5/8	4	41-1/2	2	5	9	1-3/4	1645
82RC-10-72		72	42	24	57	7-1/4	4	41-1/8	2	5	9	1-3/4	2100
82RC-15-48	15	48	30	30	39	7-1/4	4	47-7/8	2	5	9	1-3/4	2054
82RC-15-60		60	36	30	48	8	4	48	2-1/4	5	9	1-3/4	2410
82RC-15-72		72	42	30	57	8-3/4	4	48-3/4	2	5	9	1-3/4	2814
82RC-20-60	20	60	36	30	48	9-1/8	4	52-1/8	2-1/4	6	12	2	2864
82RC-20-72		72	42	30	57	9-3/4	4	52-1/2	2-1/4	6	12	2	2951
82RC-25-60	25	60	36	34	48	9	4	57-3/4	2-1/2	6	14	2-1/4	3077
82RC-25-72		72	42	34	57	9-3/4	4	58-3/4	2-1/2	6	14	2-1/4	3570
82RC-30-60	30	60	36	34	48	9-7/8	4	58-3/4	2-3/4	6	14	2-1/2	3480
82RC-30-72		72	42	34	57	10-5/8	4	59-3/8	2-3/4	6	14	2-1/2	4260
82RC-40-72	40	72	42	38	57	11	5	68	3-1/4	7	18	3	6100

Counterweight extends beyond arm one-half of the counterweight width, in capacities 25 ton and greater.
Other sizes available, consult factory.

Model 82LA

Slit Coil C-Hook

Efficiency matters. And when you can move more than one slit coil at a time, crane operators save time and, therefore, money. Set them up for success with Caldwell's Model 82LA.

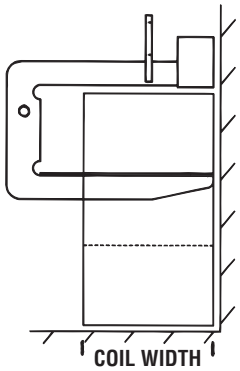


Product Features:

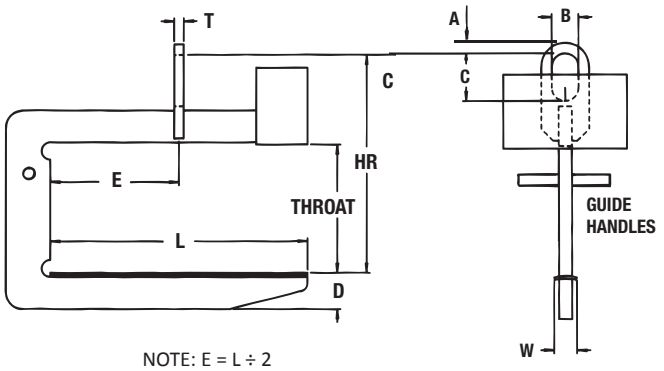
- Designed for heavy-duty applications
- Handles multiple slit coils which maximizes handling efficiency
- Recessed counterweight minimizes interference with equipment or other obstacles
- High tensile alloy steel plate reduces physical size and weight
- Counterbalanced to hang level when empty
- Inside radius on hooks avoid coil edge contact
- Curved coil saddle is standard
- Guide handles for ease of hook positioning
- Available with optional padding for additional coil protection
- Complies with ASME standards

WARNING

Center of the hoist and bail must be in-line with the load's center of gravity.



MODEL 82LA



NOTE: E = L ÷ 2

Model Number	Capacity (tons)	Dimensions (inches)										Weight (lbs.)
		Coil Width Max.	Throat	Lifting Arm				Bail Dimensions				
				Length L	Depth D	Width W	HR Headroom	Opening A	Opening B	Opening C	Thk. T	
82LA-5-36	5	36	24	36	5.5	4	37.5	1-1/2	4	7	1-1/4	450
82LA-5-48		48	24	48	6.2	4	38.2	1-1/2	4	7	1-1/4	555
82LA-5-60		60	24	60	7	4	38.9	1-1/2	4	7	1-1/4	680
82LA-7 1/2-36	7-1/2	36	24	36	5.8	4	37.75	1-1/2	4	7	1-1/2	600
82LA-7 1/2-48		48	24	48	6.6	4	38.5	1-1/2	4	7	1-1/2	765
82LA-7 1/2-60		60	24	60	7-1/8	4	39	1-1/2	4	7	1-1/2	902
82LA-10-48	10	48	24	48	7.5	4	41.4	2	5	9	1-3/4	946
82LA-10-60		60	24	60	7-5/16	4	41.6	2	5	9	1-3/4	1281
82LA-10-72		72	24	72	8.25	4	42-1/8	2	5	9	1-3/4	1510
82LA-15-48	15	48	30	48	7.4	4	47.25	2	5	9	1-3/4	1465
82LA-15-60		60	30	60	8.2	4	48	2	5	9	1-3/4	1760
82LA-15-72		72	30	72	9	4	48-3/4	2	5	9	1-3/4	2100
82LA-20-60	20	60	30	60	9.3	4	52-1/8	2.25	6	12	2	2150
82LA-20-72		72	30	72	10.7	4	53.5	2.25	6	12	2	2580
82LA-25-60	25	60	34	60	9.25	4	58	2.5	6	14	2.25	2910
82LA-25-72		72	34	72	10.7	4	58-1/2	2.5	6	14	2.25	3500
82LA-30-72	30	72	34	72	11	4	59.9	2.75	6	14	2.5	3802

Other sizes available, consult factory.

Model 83EW

Extended Width Vertical "Eye" Coil Lifter

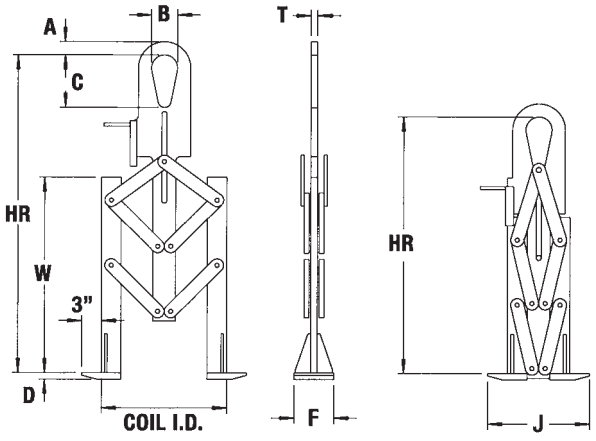
Vertical coil lifting presents unique challenges, but the Caldwell Model 83EW is ready to conquer. Simply insert the unit in the I.D. of the coil (stored on spacers, of course), placing the feet under the coil itself. The lifter legs automatically adjust to the walls of the coil I.D. so a safe lift can proceed.

Product Features:

- Handles any size coil I.D. from 16" to 24"
- Lifter legs automatically adjust to coil I.D. being lifted
- Has higher capacity range than standard lifter
- Unique design minimizes dunnage required between coils
- Complies with ASME standards



MODEL 83EW



Model Number	Capacity (tons)	Dimensions (inches)												Weight.
		Coil I.D.		Coil Width	HR Headroom		Bail Dimensions				Foot Dimensions			
		Min.	Max.	W	Open	Closed	A	B	C	T	F	D	J	(lbs.)
83EW-1/2-24	1/2	16	24	20	36	30-7/8	1-1/4	3	5	5/8	5	1/2	14-1/2	90
83EW-2 1/2-24	2-1/2	16	24	24	44	37-1/2	1-1/2	3	5	3/4	5	3/4	15-1/2	125
83EW-5-24	5	16	24	30	47	40-3/8	2	4	7	1	6	1	15-1/2	170
83EW-7 1/2-24	7-1/2	16	24	30	47	40-3/8	2	4	8	1	6	1	15-1/2	170

Other sizes available, consult factory.

See the Model 83EW In Action!

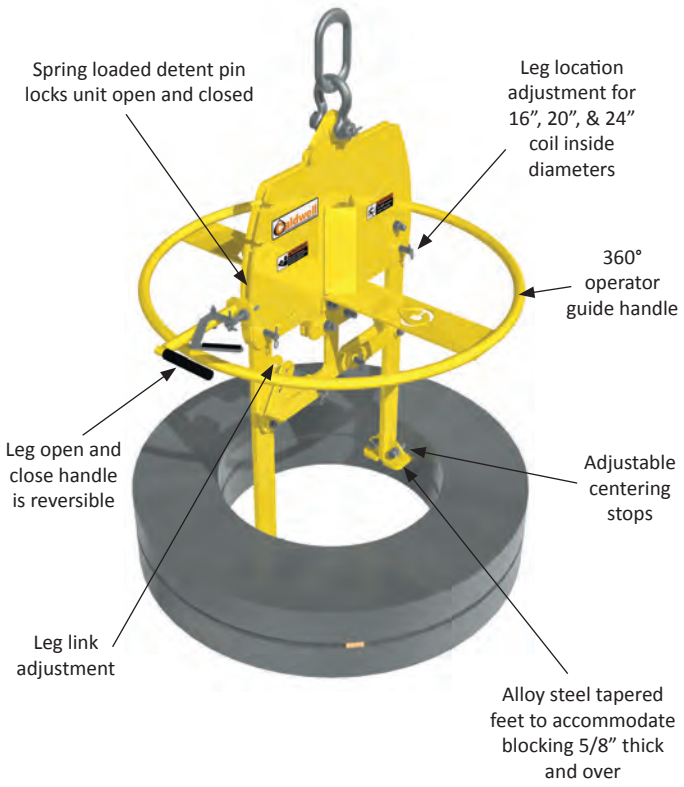
Visit the Caldwell YouTube channel to see a demo of the Model 83EW. Technical Sales Rep Bill Gridley shows you how it works here:

Model 83E

Ergonomic Vertical "Eye" Coil Lifter

Product Features:

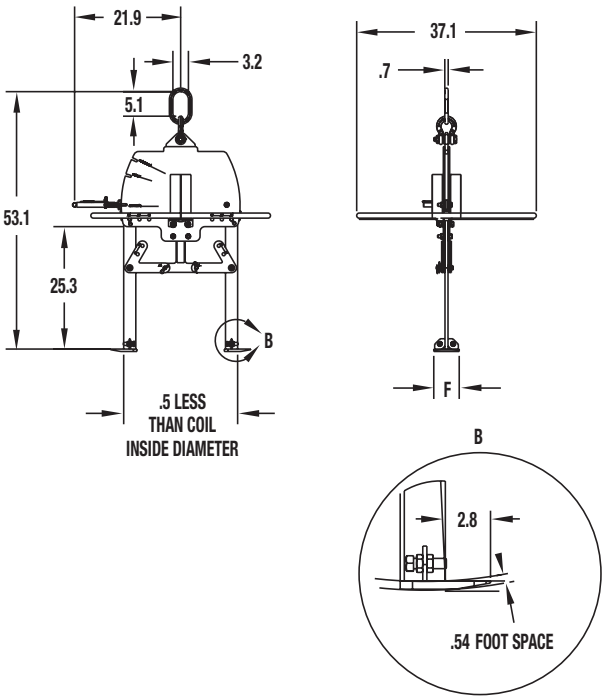
- Efficient handling of vertically stacked coils
- Handles coils with ID's of 16", 20", and 24"
- Ergonomic handles and guide
- Horizontal handle with pin lever is easy to actuate
- Spring-loaded lever can be set for right- or left-handed operation
- Unique 360° guide handle is easily accessed from any location
- Optimized foot accommodates 5/8" blocking
- Complies with ASME standards



PRODUCT OPERATION



MODEL 83E



Model Number	Rated Capacity (tons)	F (in.)	Weight (lbs.)
83E-3-16/20/24	3	5.3	160
83E-5-16/20/24	5	8	165

Model 83HW

Vertical "Eye" Coil Grab

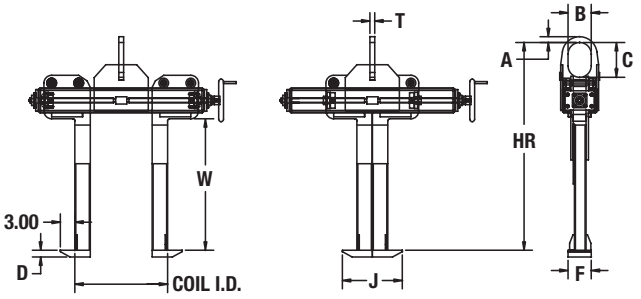
Simple hand wheel operation adjusts legs to the appropriate I.D. for engagement and disengagement. Stock units available with capacities of 2-1/2 to 10 tons. Need something bigger or smaller? Call 800.628.4263 to talk to our Customer Service team to discuss options.



Product Features:

- Handles any size coil I.D. from 16" to 24"
- Efficient handling of vertically stacked coils
- Available with chain wheel drive
- Complies with ASME standards

MODEL 83HW



Model Number	Capacity (tons)	Dimensions (inches)											Weight (lbs.)
		Coil I.D.		Coil Width W	HR Headroom	A	B	C	T	F	D	J	
		Min.	Max.										
83HW-2-1/2-24	2-1/2	16	24	20	36	1-1/2	3	5	3/4	5	3/4	15-1/2	250
83HW-5-24	5	16	24	24	41	2	4	7	1	6	1	15-1/2	350
83HW-7-1/2-24	7-1/2	16	24	24	42	2	4	7	1	6	1	15-1/2	425
83HW-10-24	10	16	24	30	50	2-1/2	5	9	1-1/4	6	1-1/2	15-1/2	500

Other sizes available, consult factory.

Get Custom
Quotes Quickly

Distributors can get quotes for custom equipment quickly with Caldwell's Smart Spec configurator tool on the new, online Distributor Portal. Ask for access today at 800.628.4263

Model 85

Fixed-Bail Telescoping Coil Grab

If there was a Caldwell Lifting Solutions Hall of Fame, the Model 85 Coil Lifter could claim “Legend” status. The rugged and efficient stock units sold here are ready to handle up to 33 tons, but that’s just the beginning. The Model 85 is also one of our most customized lifters. Higher capacities, rotation, load scales, indicator lights, padding, toe rollers, and more are available. See the following pages for details.



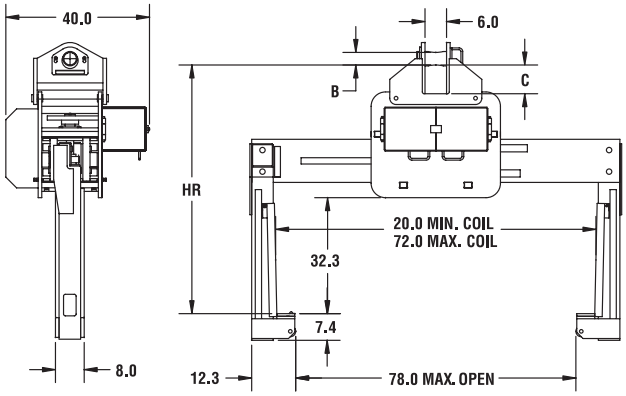
Product Features:

- Motorized leg drive maximizes the efficient handling of coils
- Leg drive speed - 2.8” per second
- Narrow aisle stacking maximizes coil storage floor space
- Curved lifting pads for coil protection
- High-impact plastic toe rollers prevent lifter foot contact
- Anti-clamp limit switch protects coil during closing of lifter
- Heavy-duty torque limiting drive protection during maximum open/closed conditions
- Lockout limit switch prevents inadvertent leg opening during lift
- Alloy steel pin bail
- Easily replaceable slide wear guides
- Design allows for easy maintenance access to drive components
- Designed to operate on AC power supply
- Field upgradeable to rotating style
- Complies with ASME standards

Model Number	Capac-ity (tons)	Dimensions (inches)						Weight (lbs.)
		Coil Width		HR Head-room	Throat	Pin/Bail		
		Min.	Max.			B	C	
85-15-72	15	20	72	67-1/2	32.3	3	8-1/4	3440
85-20-72	20	20	72	67-1/2	32.3	3	8-1/4	3540
85-25-72	25	20	72	69-1/4	32.3	3-1/2	8	3780
85-33-72	33	20	72	69-1/4	32.3	3-1/2	8	3880

Other sizes available, consult factory.

MODEL85



Outside width at 20” minimum coil dimension is 79-1/2”.
NOTE: Dimensions shown in inches.

Model 85R

Adjustable Load Lifter

What happens when you take a legendary lifter and add rotation? A star is born! Caldwell's Model 85R is an industry favorite, in use in manufacturing facilities all over the world. And if you work in paper mills, steel mills or other severe-duty environments, our Mill Duty line, built for extreme temperatures, higher capacities, and higher load cycles, is ready to do the work. Call for info.

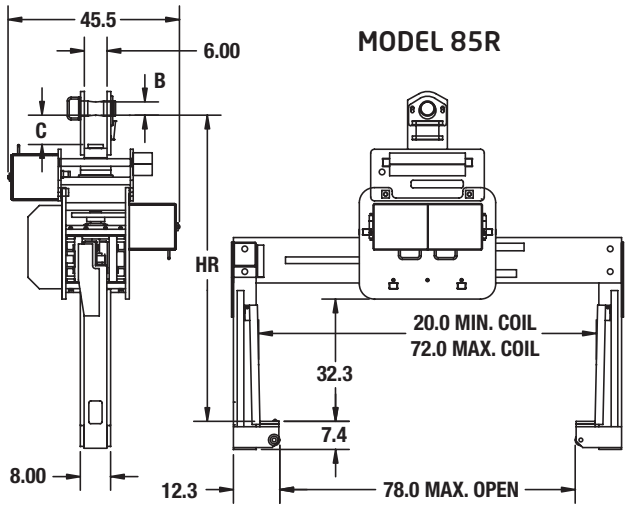


Product Features:

- Motorized leg drive maximizes the efficient handling of coils
- Leg drive speed - 2.8" per second
- Narrow aisle stacking maximizes coil storage floor space
- Curved lifting pads for coil protection
- High impact plastic toe rollers prevent lifter foot contact
- Anti-clamp limit switch protects coil during closing of lifter
- Heavy-duty torque limiting drive protection during maximum open/closed conditions
- Lockout limit switch prevents inadvertent leg opening during lift
- Alloy steel pin bail
- Easily replaceable slide wear guides
- Design allows for easy maintenance access to drive components
- Designed to operate on AC power supply
- Motorized 350° rotation at approximately 2 RPM
- Complies with ASME standards

Model Number	Capacity (tons)	Dimensions (inches)						Weight (lbs.)
		Coil Width		HR Headroom	Throat	Pin/Bail		
		Min.	Max.			B	C	
85R-15-72	15	20	72	79-1/8	32	3	8	4200
85R-20-72	20	20	72	79-1/8	32	3	8	4300
85R-25-72	25	20	72	80-7/8	32	3-1/2	7-3/4	4600
85R-33-72	33	20	72	80-7/8	32	3-1/2	7-3/4	4700

Other sizes available, consult factory.



Outside width at 20" minimum coil dimension is 79-1/2".
NOTE: Dimensions shown in inches.

Customize Your Model 85 With:



Optional
Motorized Bail Rotation
Allows for independent and precise positioning of the load or the lifter.

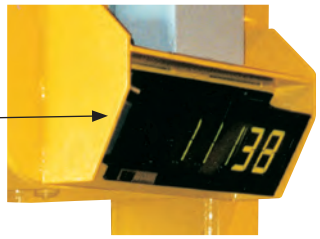
Standard
Enclosed Drive
Protects drive from impact yet still provides easy access for maintenance.

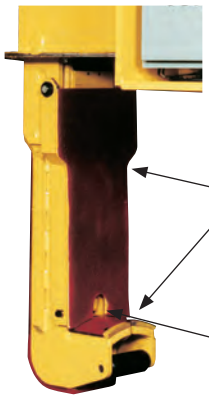
Standard
Alloy Steel Lifting Pin
Keeps headroom to a minimum.



Standard
Lockout Limit Switch
Prevents inadvertent leg opening during lift.

Optional
Built-In Load Scale
With digital readouts for precise coil weight.





Optional
Urethane Padding
Urethane coil edge protection attached to legs, feet, or both.

Optional
I.D. Photo-Electric Sensor
Photo-electric sensor indicates lifter foot alignment with coil I.D.

Standard
Anti Clamp & Toe Rollers
Protects sides of coil from lifter damage.



Optional
Lift Beam
Perform other lifts without the need to remove the grab from the crane hook.

ADDITIONAL OPTIONS

Optional
Parking & Maintenance Stands
Provides storage for lifter when not in use and easy access for normal inspection & maintenance. See page 67.

Optional
Severe-Duty
Drive Package
For high-cycle operations.

Optional
Indicator Lights
Visual indicator for various functions.

Optional Controls
Can include starter with overload, VFD (variable frequency drive) NEMA-12 enclosure and pigtail.

Model 84

Telescoping Coil Lifter

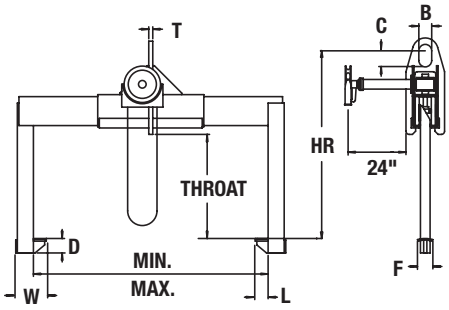
Choose Hand Wheel Leg Drive or Motorized Leg Drive.

Product Features:

- Chain wheel provides easy manual operation
- Two-sided coil lifter requires less aisle space
- Curved lifting pad minimizes coil damage
- Self-locking worm gear prevents legs from inadvertent opening
- Hand Wheel Leg Drive and Motorized Leg Drive options available
- Complies with ASME standards



MODEL 84



Model Number	Capacity (tons)	Dimensions (inches)												Weight (lbs.)
		Coil Width		Throat	HR Headroom	Bail				Foot				
		Min.	Max.			A	B	C	T	D	F	L	W	
84-5-48 **84-5-60**	5	16 20	48 60	28 26	52 50	2	4	7	1	4-1/2	4	3-1/2	7-1/2	485 590
84-10-48 **84-10-60**	10	16 20	48 60	32 30	63 61	2	4	7	1-1/4	5-1/2	4	4	9-1/2	725 810
84-15-60 **84-15-72**	15	20 24	60 72	34 32	69 67	2-1/2	5	9	1-1/2	6-1/2	4	4	9	930 1075

Other sizes available, consult factory.

Model 86

Double-Leg Coil Lifter

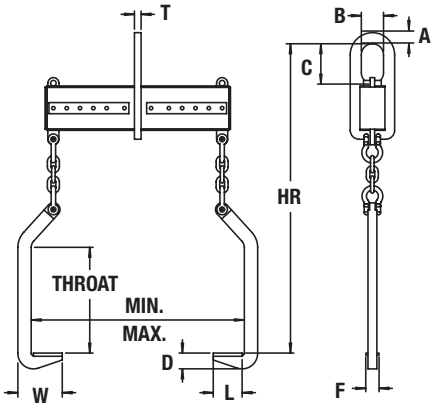
Simple, affordable, and efficient. Great for entry-level option occasional lifts.

Product Features:

- Most economical of the two-sided coil lifters
- Two-sided coil lifter requires less aisle space
- Lifting hook width adjustment pin is easy to use
- Hooks manufactured from high tensile alloy steel
- Coil width adjustment indicators for easy hook placement
- Optional coil protection available
- Complies with ASME standards



MODEL 86



Model Number	Capacity (tons)	Dimensions (inches)												Weight (lbs.)
		Coil Width		Throat	HR Headroom	Bail				Foot				
		Min.	Max.			A	B	C	T	D	F	L	W	
86-10-48	10	20	48	24	58	2	4	7	1-1/4	3-1/4	4	7	9-1/2	210
86-15-48	15	20	48	28	66	2-1/2	5	9	1-1/2	3-1/2	4	7	10-7/8	352
86-20-60	20	24	60	30	82	2-1/2	5	9	1-1/2	3-5/16	4	6	9-5/8	760
86-25-60	25	24	60	32	94	2-3/4	6	12	2-1/4	4-3/4	4	8	13-5/8	1235
86-30-72	30	24	72	26	83	3-1/2	7	16	2-1/4	4-3/4	4	8	14-3/4	1170

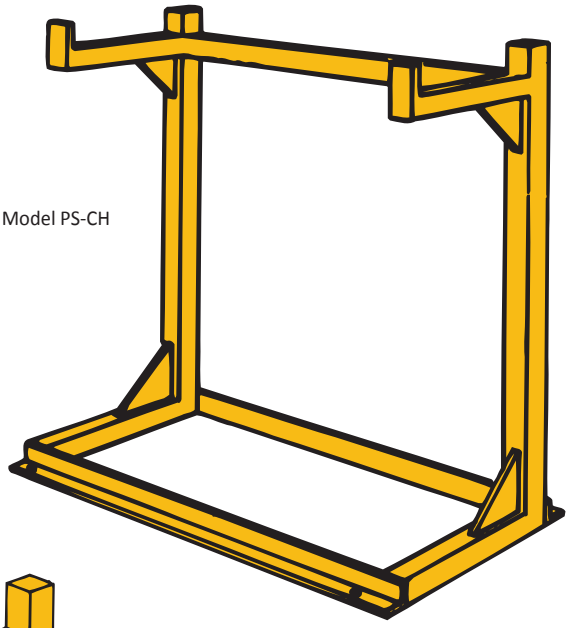
Other sizes available, consult factory.

Parking Stands

for Coil Hooks

Features for All Model PS Parking Stands:

- Individually designed for your lifter's size and capacity.
- Heavy-duty tubular construction
- Minimizes lifter storage space requirements
- Stabilizes lifter for personnel safety
- Allows for easy access to lifter
- Allows for easy inspection of lifter
- Minimizes time required to engage lifter with crane hook

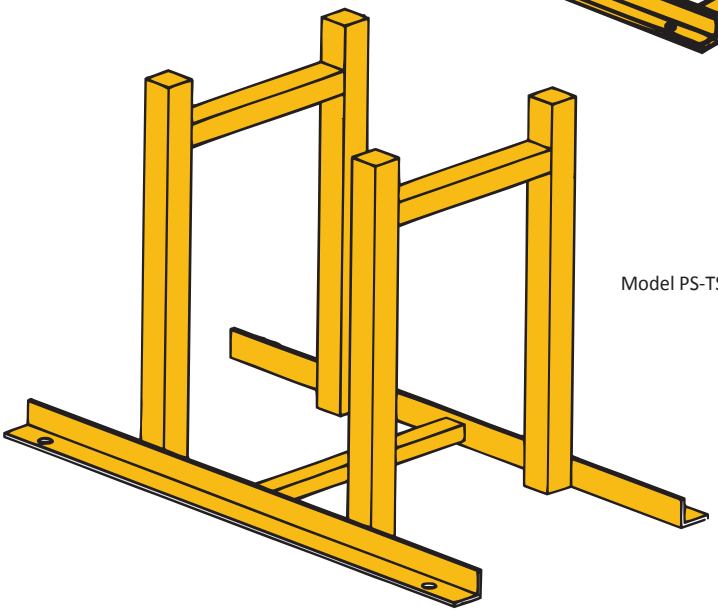


Model PS-CH

Model PS-CH

Used to store all C-Hook type lifters, including Models 82, 82LA, and 82RC.

Model Number	Specifications
Model PS-CH	Call 800.628.4263 for details



Model PS-TS

Model PS-TS

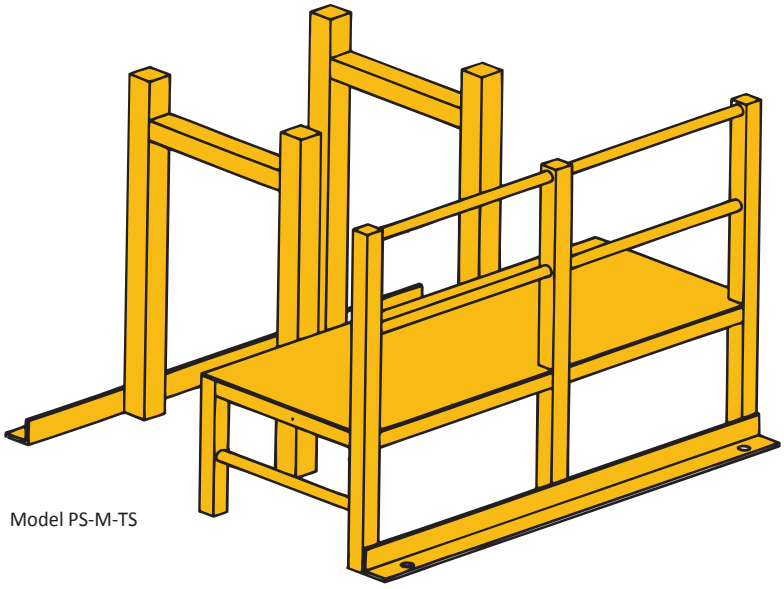
For storage of two-sided coil lifters, including Models 84, 85, and 86.

Model Number	Specifications
Model PS-TS	Call 800.628.4263 for details

Model PS-M-TS

For storage and maintenance of two-sided lifters with special personnel platform. Platform provides ease-of-access to drive system for maintenance and inspection of motorized units.

Model Number	Specifications
Model PS-M-TS	Call 800.628.4263 for details



Model PS-M-TS

Model 88

Heavy-Duty Coil Upender

Faster, safer way to upend coils. First specify your operating voltage, then pick a capacity between 1 and 30 tons.

Product Features:

- Fast and convenient way to upend coils to 90°
- 240 or 480 operating voltage (specify)
- Heavy-duty disc brake will stop load in any position
- Reversing magnetic starter with pendant control and 10’ cord
- Stop travel/over travel limit switches

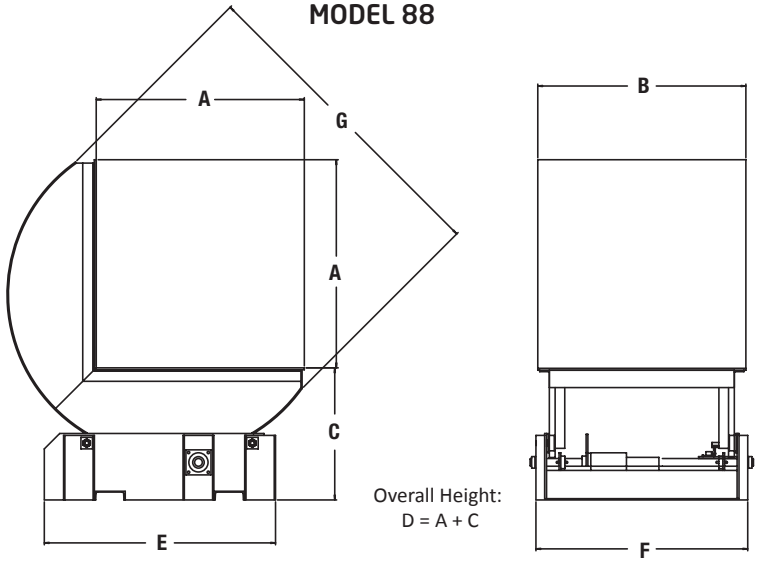
Product Options:

- Larger platforms available
- V-Block, either standard or urethane faced (Provide coil information. Height set to accommodate a 4” pallet unless otherwise specified.)
- 180° horizontal rotation which permits loading and unloading from same side
- Lift truck fork pockets



Shown with V-Block Option.

MODEL 88



NOTE: Additional data may be required to properly size the drive system. Load information including dimensions and center of gravity should be provided.

Overall Height: D = A + C

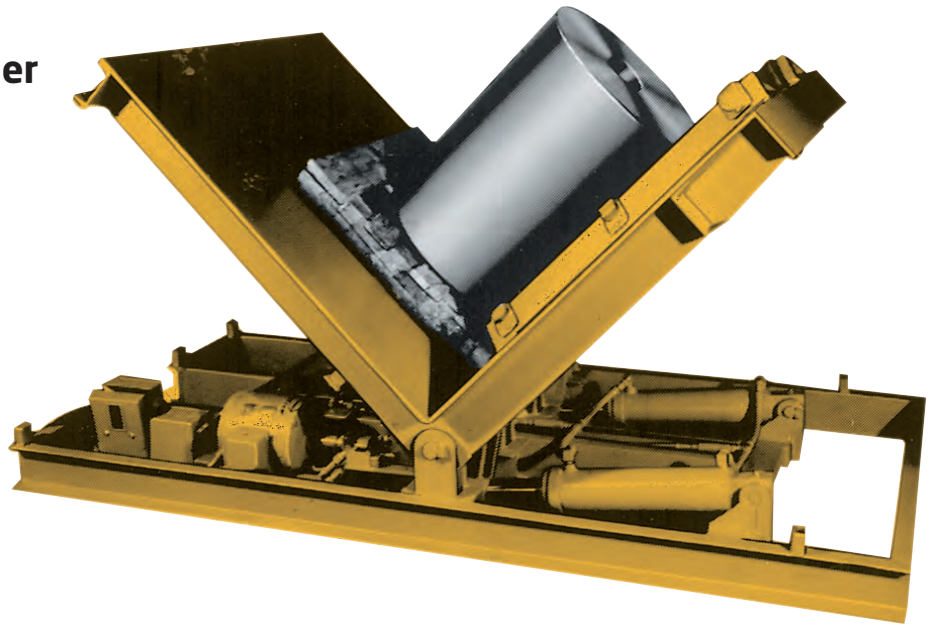
Model Number	Capacity (tons)	Dimensions (inches)							Weight (lbs.)
		A*	B	C	Overall Height D	E	F	G	
88-1-36	1	36	36	24	60	48	36	51	1500
88-2-36	2	36	36	24	60	48	36	51	1600
88-3-42	3	42	42	24	66	56	42	60	2000
88-4-42	4	42	42	24	66	56	42	60	2200
88-5-48	5	48	48	30	78	61	48	66	2750
88-7 1/2-48	7-1/2	48	48	30	78	61	48	66	2900
88-10-54	10	54	54	30	84	60	55	74	3700
88-12 1/2-54	12-1/2	54	54	36	90	69	55	74	4000
88-15-60	15	60	60	36	96	73	60	80	4500
88-20-60	20	60	60	36	96	73	60	80	6200
88-25-72	25	72	72	43	115	88	72	96	10000
88-30-72	30	72	72	48	120	88	72	96	12000

*Coil center of gravity must be 1/2 of ‘A’. If different please specify coil or load information. Pallets must not extend over platform sides. Other sizes available, consult factory.

Model 88L

Low-Platform Coil Upender

Make life a little easier for operators with this low-platform design. With the Model 88L, they have better access to coils.



Product Features:

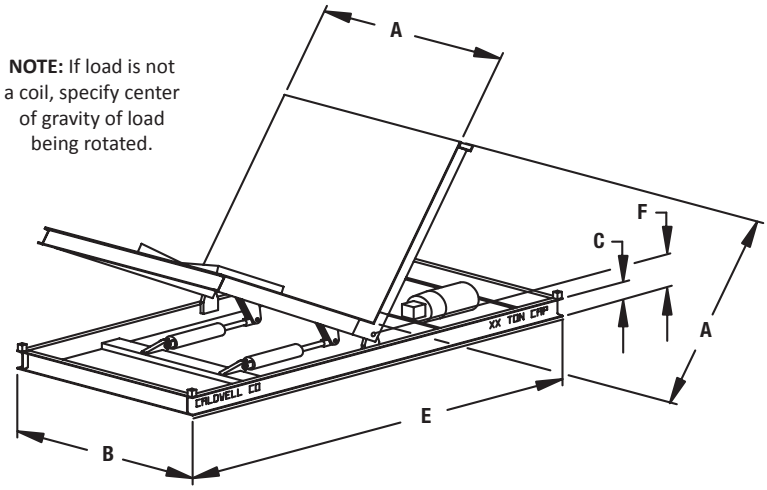
- Lower platform design offers easier access by operator
- Fast and convenient way to upend coils to 90°
- Requires less platform height
- Magnetic starter with 115 volt pendant control
- Double acting hydraulic cylinders
- Relief valve prevents over-capacity rotation
- Stop limit switches at each end of rotation

Product Options:

- Larger platforms available
- Unequal platform sizes available
- V-Block, either standard or urethane faced
- 90° horizontal rotation, which permits loading and unloading from same side

MODEL 88L

NOTE: If load is not a coil, specify center of gravity of load being rotated.



Model Number	Capacity (tons)	Dimensions (inches)						Weight (lbs.)
		A	B	C	Overall Height	E	Pivot Point F*	
88L-1/2-36	1/2	36	36	8-1/4	44-1/4	78	10.1	1500
88L-1-36	1	36	36	9-1/4	45-1/4	78	10.1	1600
88L-1 1/2-36	1-1/2	36	36	10-1/4	46-1/4	78	10.1	1800
88L-2-36	2	36	36	12-1/4	48-1/4	78	10.5	2000
88L-2 1/2-42	2-1/2	42	42	13-1/4	55-1/4	90	10.5	2200
88L-3-42	3	42	42	14-1/4	56-1/4	90	12.1	2300
88L-3 1/2-42	3-1/2	42	42	15-1/4	57-1/4	90	12.1	2400
88L-4-42	4	42	42	17-3/8	59-3/8	90	12.5	2600
88L-4 1/2-48	4-1/2	48	48	18-3/8	66-3/8	102	12.5	2800
88L-5-48	5	48	48	19-3/8	67-3/8	102	12.5	3000
88L-6-48	6	48	48	20-3/8	68-3/8	102	14.1	3600
88L-7 1/2-48	7-1/2	48	48	20-3/8	68-3/8	102	15.5	5000

Pallets must not extend over platform sides. Other sizes available, consult factory.
* Estimated pivot point dimension

Application Evaluation

SPECIFY TYPE OF LIFTER DESIRED: _____

COIL INFORMATION:

Minimum: O.D. _____ I.D. _____ Width/Height _____ Weight _____

Maximum: O.D. _____ I.D. _____ Width/Height _____ Weight _____

In which position will coil be handled? ❑ Eye Vertical ❑ Eye Horizontal

Describe coil material: ❑ Steel ❑ Aluminum ❑ Brass/Copper

❑ Other, describe: _____

Describe characteristics of coil (ex. tightly wound, banded, telescoped, oily, hot, etc.): _____

_____

_____

Describe where coil is resting and where it will be placed (ex. on a flat surface, pallet, turnstile arm, etc.):

_____

_____

Do the coils need to be protected from damage? ❑ Yes, describe: _____ ❑ No

ADDITIONAL INFORMATION:

Are reversing motor controls required? ❑ No ❑ Yes If yes, ❑ Furnished Loose ❑ Mounted On Lifter

CMAA Crane Duty Class (A, B, C, D, E, F): _____

Please use the space provided below for additional application information or lifter options required (ex: headroom limitations, clearances where load is picked up and placed, etc.): _____

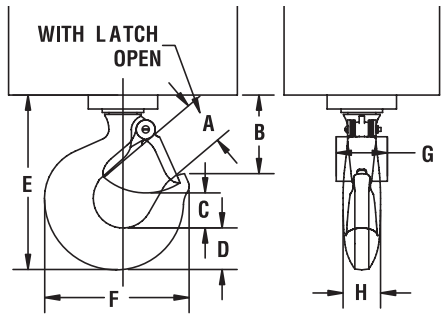
_____

Crane Hook Data:

Hook Manufacturer: _____

Hook Size: _____

ID Markings: _____



	INCHES
A	_____+0
B	_____+0
C	_____+0
D	_____-0
E	_____-0
F	_____+/-
G	_____-0
H	_____-0

Measurement Tolerances

+0 = Measurement should be no larger but can be smaller than actual.
-0 = Measurement should be no smaller but can be larger than actual.
+/- = Measurement can be larger or smaller than actual.

Contact: _____

Company: _____

Address: _____

City, State, Zip: _____

Phone: _____

Fax: _____

EMail: _____

For a price quote on your specific application, please complete the above form and fax to The Caldwell Group at **815-229-5686** or you can complete this form online at **www.caldwellinc.com/applications.**

Sheet Lifters



INDEX

Plate Lifters 72
Heavy-Duty Sheet Lifters 73-74
Hydraulic Sheet Lifters 75
Small Bundle Sheet Lifters 76
Battery-Powered Sheet Lifters 77
Sheet Lifters Application Evaluation .. 78

Model PL

Plate Lifters

When you are handling thick plates one at a time, the Model PL Plate Lifter is the go-to choice. You just get the lifter in position, engage the hooks and lift.

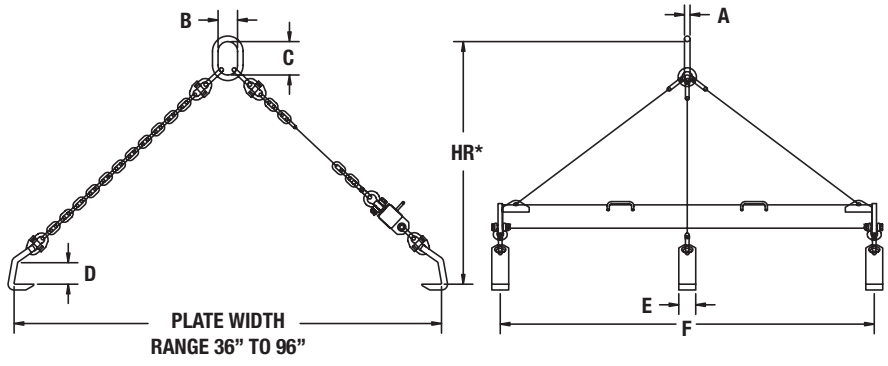
Product Features:

- Rugged-chain rigging
- Heavy-duty plate hooks
- Design allows for easier crane alignment
- Steel spreader stabilizes two hooks
- Complies with ASME standards





MODEL PL



Model Number	Rated Capacity (tons)	Dimensions (inches)							Plate Width (in.)		Weight (lbs.)
		A	B	C	D	E	F	HR	Min.	Max.	
PL-5	5	1	3.5	6	3	2.3	84	58	36	96	185
PL-10	10	1.25	4.38	7.5	5	3.8	84	58	36	96	320

* Headroom at maximum plate width.

PRODUCT OPERATION



Follow Us On LinkedIn!

Linked In is where we keep you "in the know" on all things Caldwell! You'll see cool custom equipment, meet some of our employees, and find out about new products there first.

linkedin.com/company/caldwell-group-lifting-solutions

Model 60

Heavy-Duty Sheet Lifters

When headroom is an issue, Model 60 is ready. Its compact design gives you options when vertical space is not available. Couple that with its ability to handle bundles, sheets, or plates, and you've got a solid option for a wide variety of applications.





Product Features:

- Versatile handling of bundles, sheets, plates and other materials stacked horizontally
- Low-headroom design for optimum lifting capabilities
- One-person operation minimizes handling cost
- Self-locking worm gear drive for leg adjustment is standard
- Easy adjustment for different sheet widths
- Rack and pinion leg drive
- Designed for ease of maintenance
- Designed for greater sheet width range
- Complies with ASME standards

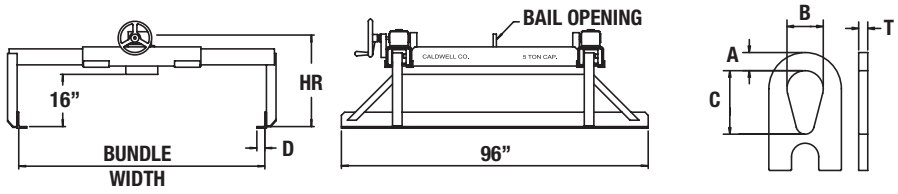
Product Options:

- Hand wheel lockout
- Motorized leg adjustment, includes pendant controls
- Battery-powered motorization
- Hand wheel operation. Solid performer for capacities up to 71/2 tons.
- Extended length hand wheel leg adjustment
- End chains with plate hooks (recommended for all widths 72" and greater)
- Extended grab shoe lengths available
- Additional bundle clearance available (longer legs)

WARNING

Do not lift loosely bundled, thin or oily sheets.

MODEL 60



Model Number	Capacity (tons)	Dimensions (inches)									Weight (lbs.)
		Bundle Width		HR Head-room	Shoe D	Min. Aisle	Bail Opening				
		Min.	Max.				A	B	C	T	
60-3-48	3	16	48	28	2.63	9	1.5	3	5	.75	920
60-3-60		16	60								950
60-3-72		16	72								980
60-5-48	5	16	48	29	2.63	9	2	4	6	1	1125
60-5-60		16	60								1170
60-5-72		16	72								1220
60-5-84		16	84								1270
60-5-96		16	96								1550
60-10-48	10	16	48	30	3.5	11	2	4	7	1.5	1510
60-10-60		16	60								1570
60-10-72		16	72								1640
60-10-84		16	84								1700
60-10-96		16	96								1770
60-15-48	15	16	48	32	3.5	12	2.5	5	9	1.5	1570
60-15-60		16	60								1640
60-15-72		16	72								1700
60-15-84		38	84								1960
60-15-96		38	96								2030
60-15-94		38	94								1960

Other sizes available, consult factory.

Model 60M

Motorized Heavy-Duty Sheet Lifters

This standard 20-ton capacity lifter is just the beginning. Choose the voltage, leg length, grab shoe length, greater capacity, and more for a fully customized unit. Call 800.628.4263 to get started.





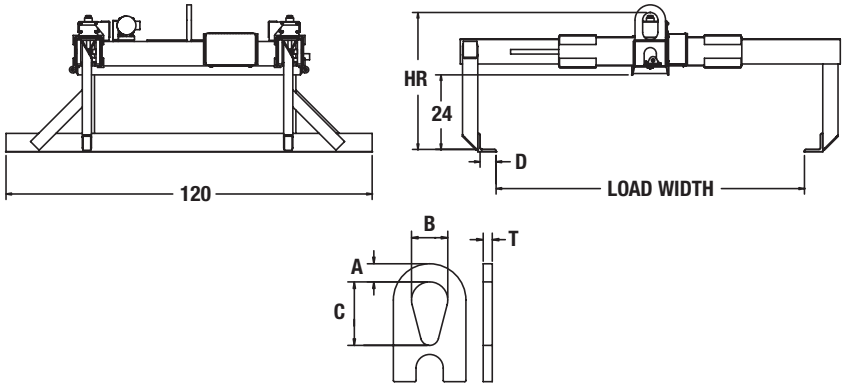
Product Features:

- Motorized leg adjustment, 460 volt
- Versatile handling of bundles, sheets, plates, and other materials stacked horizontally
- Low-headroom design for optimum lifting capabilities
- One-person operation minimizes handling cost
- Self-locking worm gear drive for leg adjustment is standard
- Easy adjustment for different sheet widths
- Rack and pinion leg drive
- Designed for ease of maintenance
- Broad adjustment range handles various load widths
- Complies with ASME standards

Product Options:

- Battery-powered motorization
- End chains with plate hooks (recommended for all widths 72" and greater)
- Extended grab shoe lengths
- Longer legs increase load clearance
- Controls shipped mounted or loose
- Other voltages available

MODEL 60M



WARNING

Do not lift loosely bundled, thin or oily sheets.

Model Number	Capacity (tons)	Dimensions (inches)									Weight (lbs.)
		Bundle Width		HR Head-room	Shoe D	Min. Aisle	Bail Opening				
		Min.	Max.				A	B	C	T	
60M-20-96	20	38	96	45	5.25	15	2.5	5	9	1.5	3150

Other sizes available, consult factory.

Model 60H

Hydraulic Sheet Lifter

This hydraulic-drive sheet lifter delivers the powerful, fast and efficient leg adjustments while smoothly applying additional force to the sides of the loads. Each unit is engineered to your exact specifications.

Product Features:

- Versatile handling of bundles, sheets, plates and other materials stacked horizontally
- Low-headroom design for optimum lifting capabilities
- One-person operation minimizes handling cost
- Hydraulic drive for smooth and fast leg adjustment allows more lateral forces applied to load sides
- Easy adjustment for different sheet widths
- Less maintenance than mechanical drives
- Broad adjustment range handles various load widths
- Complies with ASME standards

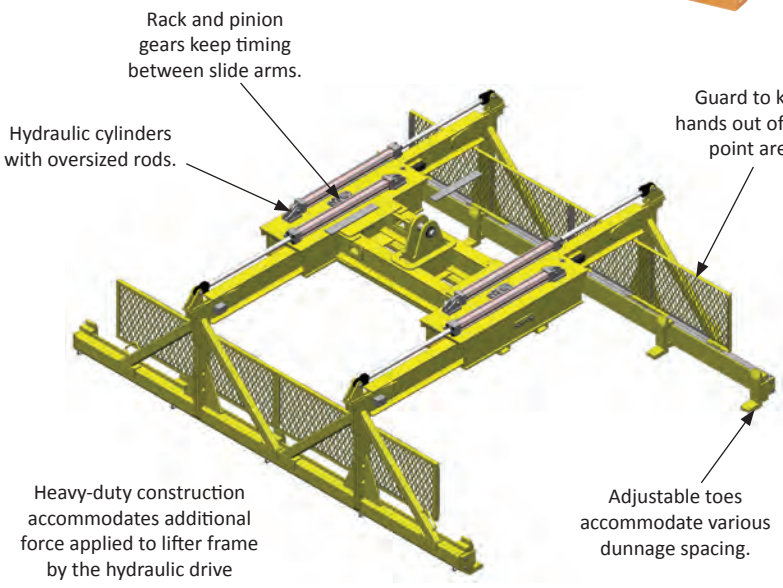
Product Options:

- End chains with plate hooks (recommended for all widths 72" and greater)
- Extended grab shoe lengths or adjustable finger design
- Longer legs increase load clearance
- Controls shipped mounted or loose
- Other voltages available

Model Number	Specifications
Model 60H	Call 800.628.4263 for details







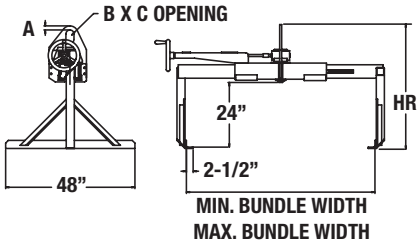
Model 62

Small Bundle Sheet Lifter

Size and versatility allows for handling of crates, bins and other smaller sized containers.



MODEL 62



Product Features:

- Standard light-duty unit for handling smaller size sheets and bundles
- Side oriented extended length hand wheel adjustment standard
- Self-locking worm gear leg drive system
- Complies with ASME standards

WARNING

Do not lift loosely bundled, thin or oily sheets.

Model Number	Capacity (tons)	Dimensions (inches)							Weight (lbs.)
		Bundle Width		Min. Aisle	A	B	C	HR Headroom	
		Min.	Max.						
62-1 1/2-36	1-1/2	12	36	8	1-1/2	3	5	42	512
62-1 1/2-48	1-1/2	16	48						525
62-3-48	3	16	48	8	1-1/2	3	5	44	566
62-3-60	3	16	60						594
62-5-48	5	16	48	8	2	4	7	52	750
62-5-60	5	20	60						763

Model 64

Standard-Duty Sheet Lifter



Product Features:

- Lightweight
- Channel steel construction
- 84" grab shoe length
- Complies with ASME standards

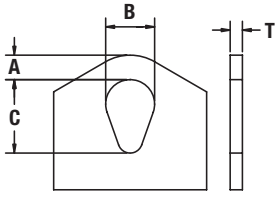
WARNING

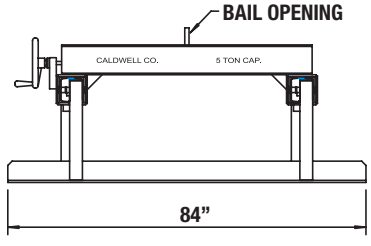
Do not lift loosely bundled, thin or oily sheets.

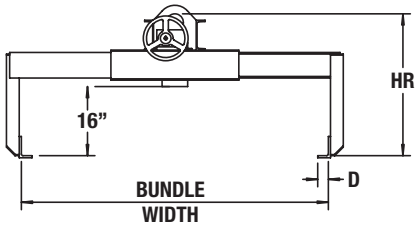
Model Number	Capacity (tons)	Dimensions (inches)									Weight (lbs.)
		Bundle Width		HR Headroom	Shoe D	Min. Aisle	Bail Opening				
		Min.	Max.				A	B	C	T	
64-2-36	2	15	36	29	2-1/2	8	1-1/2	3	5	3/4	510
64-2-48		20	48								560
64-2-60		24	60								630
64-5-48	5	20	48	32	2-5/8	8	2	4	6	1	670
64-5-60		24	60								750
64-5-72		30	72								830
64-7 1/2-48	7-1/2	20	48	34	2-1/2	10	2	4	6	1	840
64-7 1/2-60		24	60								900
64-7 1/2-72		30	72								980

Other sizes available, consult factory.

MODEL 64







Model 60BMS

Battery-Powered Sheet Lifter



This Model 60BMS-5-96 will lift sheets up to 96" wide and uses full-time battery power to operate.

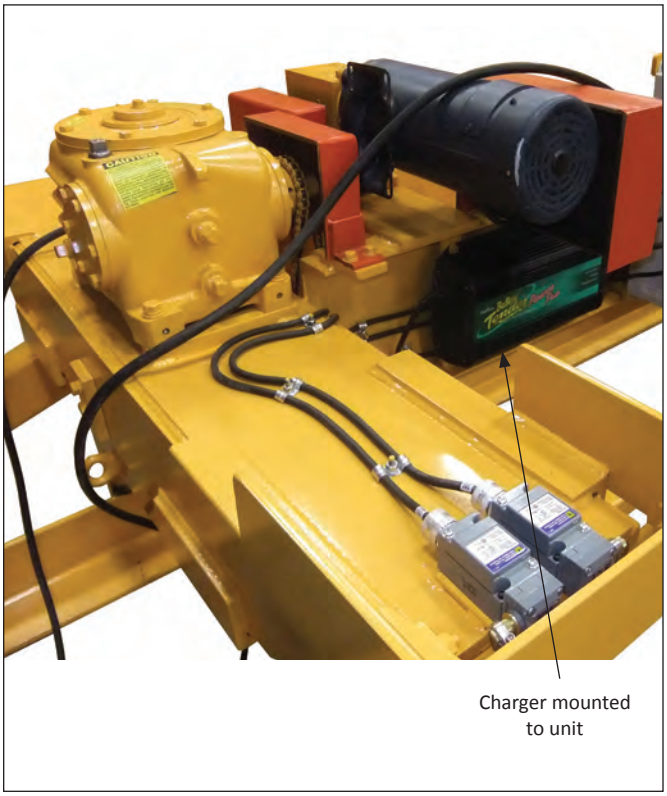
Optional power source for all motorized sheet lifters. Just attached to your crane, no power cord needed! Provides full-time or auxiliary power in case of power failure.

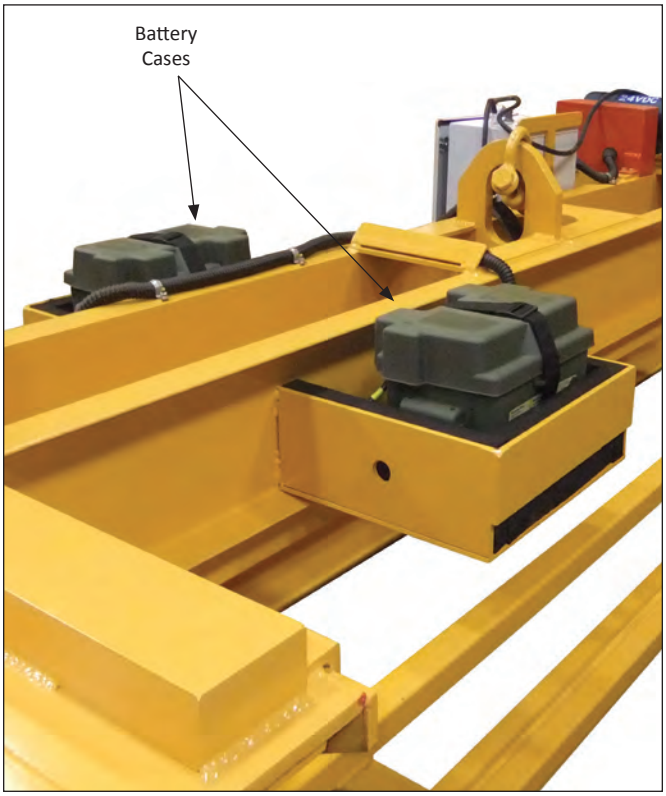
Product Features:

- Long Lasting Rechargeable Batteries
- No power source needed
- Easily moved to different cranes
- Charging system included

Ordering Instructions

NOTE: Battery Power can be applied to other motorized products as well, ask our customer service if your new motorized lifter can be battery powered.





Application Evaluation

BUNDLE INFORMATION:

Bundle Dimensions:

Minimum: Length _____ Width _____ Height _____ Weight _____

Maximum: Length _____ Width _____ Height _____ Weight _____

Specify material being lifted: _____

Individual Sheet Thickness: Minimum _____ Maximum _____

Is the bundle palletized? ❑ Yes ❑ No If yes, specify pallet size: _____

Sheet Condition: ❑ Dry ❑ Oily ❑ Banded ❑ Loose

ADDITIONAL INFORMATION:

Please provide the model and/or serial number if this is to replace an existing Caldwell lifter:_____

_____

Operation Required: ❑ Motorized ❑ Manual ❑ Hydraulic

If motorized, please specify: ❑ DC (Battery Powered) ❑ AC Voltage _____ Phase _____ Cycle _____

Pendant Required: ❑ Yes ❑ No

Should the controls be shipped loose for field mounting? ❑ Yes ❑ No

Please provide duty cycle of lifter (lifts per hour and hours per day used): _____

_____

Please provide Crane Classification (A, B, C, D, E, F): _____

Please use the space below to provide additional application information or options required.

For example: headroom issues, space restrictions, lifter restrictions or options such as a chainwheel or end chains.

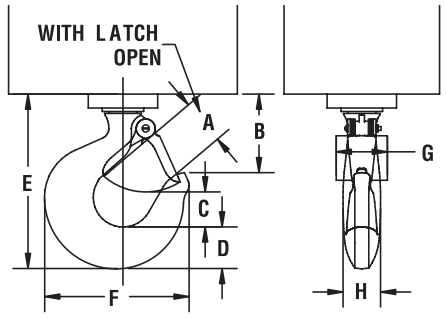
_____

Crane Hook Data:

Hook Manufacturer: _____

Hook Size: _____

ID Markings: _____



INCHES

A _____+0

B _____+0

C _____+0

D _____-0

E _____-0

F _____+/-

G _____-0

H _____-0

Measurement Tolerances

+0 = Measurement should be no larger but can be smaller than actual.
-0 = Measurement should be no smaller but can be larger than actual.
+/- = Measurement can be larger or smaller than actual.

Contact: _____

Company: _____

Address: _____

City, State, Zip: _____

Phone: _____

Fax: _____

EMail: _____

For a price quote on your specific application, please complete the above form and fax to The Caldwell Group at **815-229-5686** or you can complete this form online at **www.caldwellinc.com/applications.**

Lifter Lockout



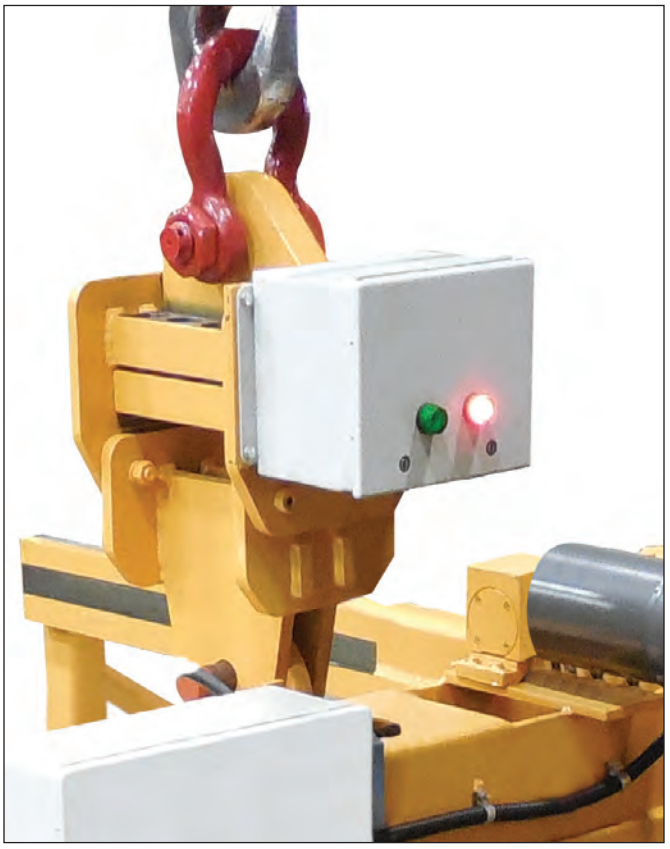
INDEX

Lifter Lockout.....80-81
Lifter Lockout
Application Evaluation 81

Model LLO-15

Lifter LockOut™

Keep your employees safe with our patent-pending Lifter LockOut™. This innovative device senses when a load is in the lifter and locks out the lifter functions to prevent inadvertent opening of the lifter. You can install it on most motorized lifters that do not have a means of locking out the drive. Caldwell Model 84 Coil Grab, Model 85P Paper Roll Grab, and Model 60 Sheet lifters are just a few examples. It can even be installed on other manufacturers' lifting equipment.

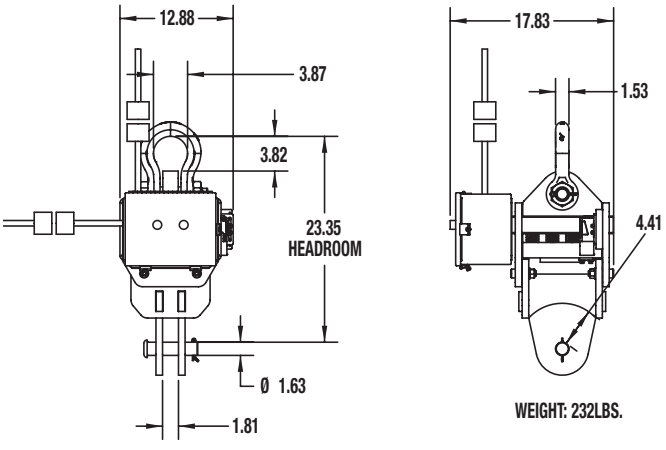


Product Features:

- Senses when a load is on the lifter and locks out its functions by turning off the electrical power
- Eliminates the possibility of the operator accidentally opening the lifter and dropping the load
- Can be added to any motorized lifter
- Easy to install; simply hang from your crane hook, pin to the lifter, plug in, and adjust
- Works on other manufacturers' lifting equipment, too

Model Number	Specifications
Model LLO-15	Call 800.628.4263 for details

MODEL LLO-15



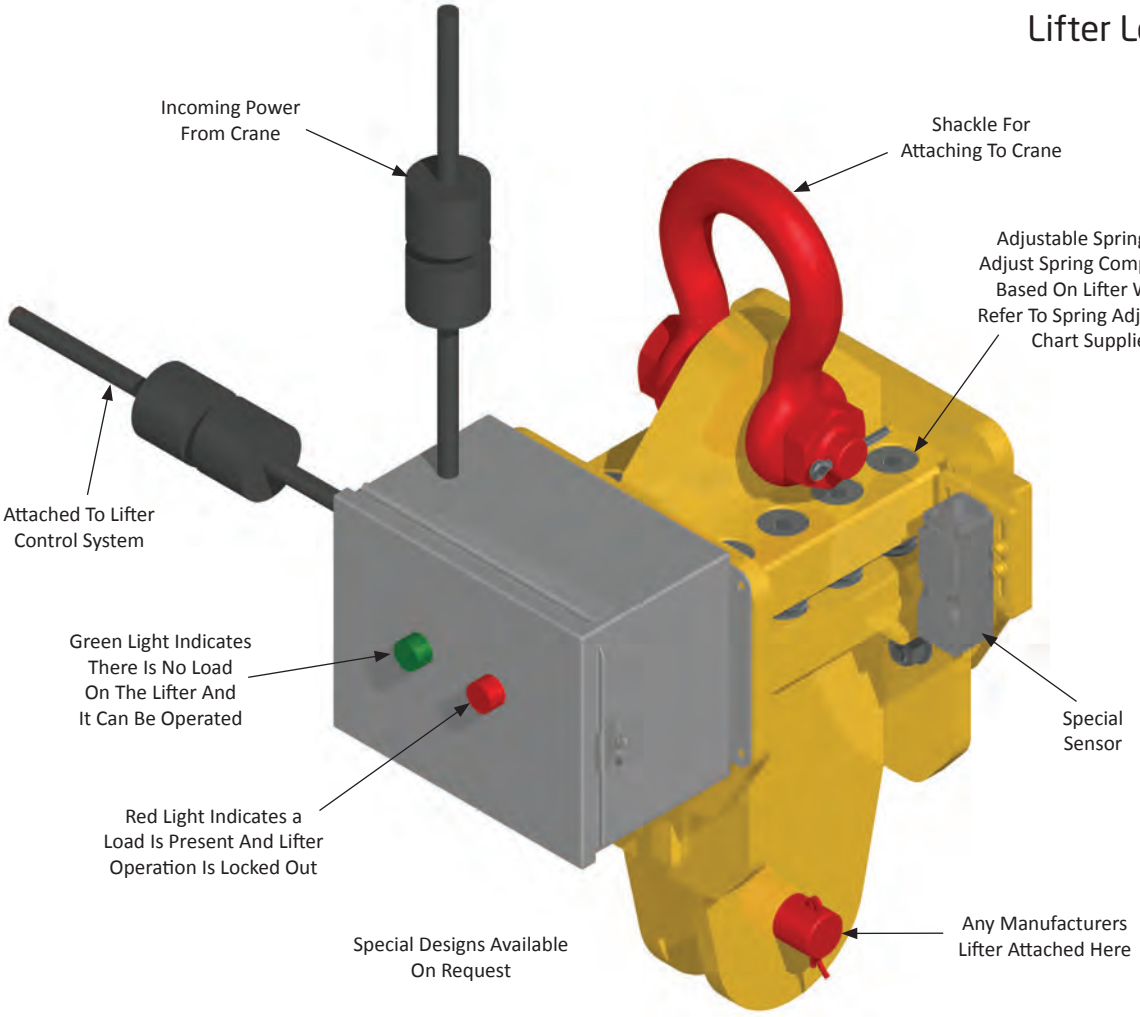


Lifter LockOut™ Set Up:

- Compression springs are configured to accommodate the pre-load weight of the lifter
- Four, six or eight springs can be used in addition to screw cap adjustment for precision configuration of the lockout settings
- Shackle lifting eye easily attached to many size crane hooks
- Pin bail allows for easy attachment to most lifters
- Maximum 30,000-lb. capacity
- Maximum lifter weight of 7,000 lbs.
- Designed for 480v/3ph/60hz power supply

Custom Lifter LockOut™ Configurations:

- Special Voltages
- Custom attachment point for lifter
- Custom attachment to crane hook
- Larger capacities
- Heavier lifter weights



REQUIRED INFORMATION:

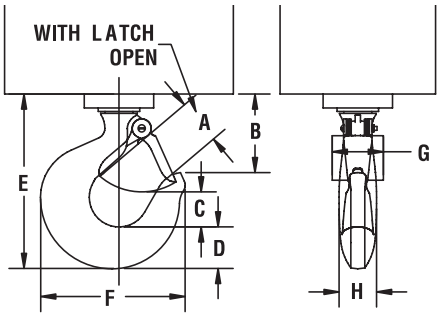
Lifter Weight: _____ Bail Opening Dimentions:_____ Load Weight:_____

Crane Hook Data:

Hook Manufacturer: _____

Hook Size: _____

ID Markings: _____



	INCHES
A	_____+0
B	_____+0
C	_____+0
D	_____-0
E	_____-0
F	_____+/-
G	_____-0
H	_____-0

Contact:_____

Company: _____

Address: _____

City, State, Zip: _____

Phone:_____

Fax: _____

EMail: _____

Measurement Tolerances

+0 = Measurement should be no larger but can be smaller than actual.
-0 = Measurement should be no smaller but can be larger than actual.
+/- = Measurement can be larger or smaller than actual.

For a price quote on your specific application, please complete the above form and fax to The Caldwell Group at **815-229-5686** or you can complete this form online at **www.caldwellinc.com/applications.**

Pallet Lifters

INDEX

Adjustable Load Lifters 83
Wheeled Pallet Lifters 84
Fixed-Fork Pallet Lifters 84-85
Adjustable-Fork Pallet Lifters..... 86-87
Pallet Lifters Application Evaluation .. 88



Model 90ACL

Adjustable Load Lifter

In-Stock

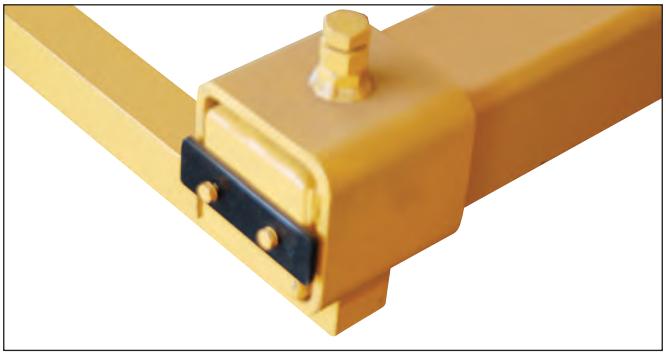
Adjustable bail provides for balanced handling of items with different load centers.

Product Features:

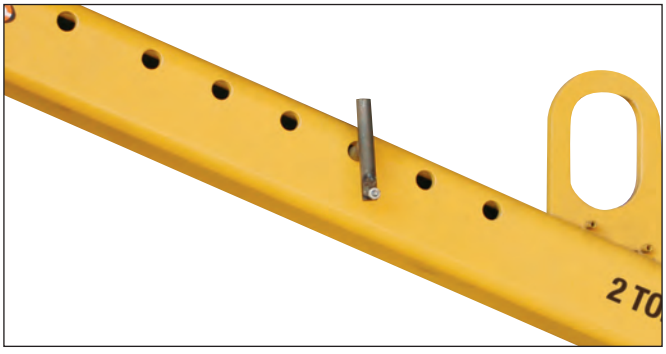
- Once the bail pin is set, the pallet lifter remains balanced whether full or empty to make the job faster and safer
- Adjustable throat allows for the correct handling of higher stacked loads
- Adjustable forks allow for proper placement of the fork spread
- The auto return bail automatically levels empty pallet lifter saving time and effort
- Heavy-duty construction for years of trouble free service
- Complies with ASME standards



PRODUCT DETIALS

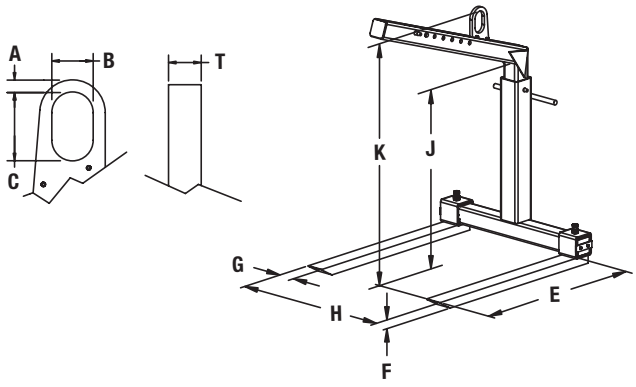


Close-up of Adjustable Fork



Bail Stop Pin

MODEL 90ACL



Model Number	Rated Capacity (tons)	Dimensions (in.)																		Weight (lbs.)
		Fork					Bail				Throat			HR Headroom (at min. throat)		HR Headroom (at mid throat)		HR Headroom (at max. throat)		
		E	F	G	H		A	B	C	T	J			K		K		K		
					Min.	Max.					Min.	Mid	Max.	Min.	Max.	Min.	Max.	Min.	Max.	
90ACL-2	2	43	2	4	16	36	.88	3	5	0.75	40.68	52.68	64.18	54.88	60.68	66.63	72.44	78.38	84.18	515

In Stock - Items with green model numbers ship in 48 hours, excluding weekends and holidays.

Model 93W

Wheeled Pallet Lifter

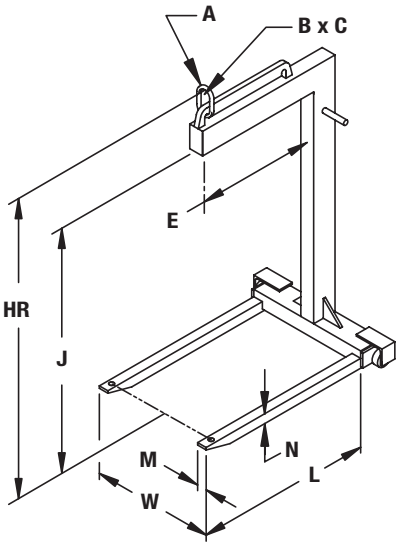
Your material handlers will thank you for making it easier to move this unit from crane bay to crane bay or from one end of your facility to the other. Just tilt and roll.

Product Features:

- Wheels allow for movement of unit without crane
- Dual lift points eliminate need for counterweight
- Extremely lightweight for ease of handling
- Complies with ASME standards



MODEL 93W



Model Number	Capacity (tons)	Dimensions (inches)										Weight (lbs.)
		Forks				E	Bail			J	HR	
		L	M	N	W		A	B	C			
93W-1-48	1	36	2	2	25	24	1/2	2-1/2	3-3/4	48	60	245
93W-2-48	2	36	4	2	25	24	3/4	2-3/4	4-1/2	48	62	405

Model 94

Lightweight Fixed-Forks Pallet Lifter

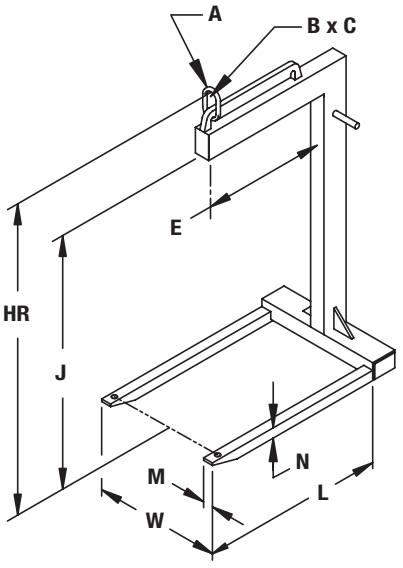
Lightweight, economical, and reliable – sometimes that's just what you need. Choose from 1-, 2- or 3-ton capacities.

Product Features:

- Dual lift points eliminates need for counterweight
- Extremely lightweight for ease of handling
- Maintenance-free; no moving parts
- Complies with ASME standards



MODEL 94



Model Number	Capacity (tons)	Dimensions (inches)										Weight (lbs.)
		Forks				E	Bail			J	HR	
		L	M	N	W		A	B	C			
94-1-48	1	36	2	2	25	24	1/2	2-1/2	3-3/4	48	58	245
94-2-48	2	36	4	2	25	24	3/4	2-3/4	4-1/2	48	62	425
94-3-48	3	36	4-1/2	2-1/2	27	24	1	3-1/2	5	48	65	610

Model 90

Standard Fixed-Forks Pallet Lifter

Pick the capacity, fork length, and bail placement that works for your application. With 16 different configurations in our standard lineup, you're sure to find the one that works for you.

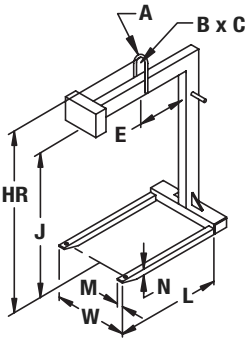
Need something different? See the Lightweight and Heavy-Duty models for more options or create a custom design to fit your exact specifications. Call 800.628.4263 for details.

Product Features:

- Converts overhead crane to lift truck
- Counterbalanced to hang level when empty
- Maintenance-free
- Allows for ease of loading/unloading in not easily accessible areas
- Complies with ASME standards



MODEL 90



Model Number	Capacity (tons)	Dimensions (inches)										Weight (lbs.)
		Forks				E	Bail			J*	HR	
		L	M	N	W		A	B	C			
90-1-36	1	36	2	2	25	18	1	6	5	48	57-1/2	292
90-1-42	1	42	2	2	25	21	1	6	5	48	57-1/2	310
90-1-48	1	48	2	2	25	24	1	6	5	48	58-1/2	371
90-1 1/2-36	1-1/2	36	3	2	25	18	1	6	5	48	58-1/2	388
90-1 1/2-42	1-1/2	42	3	2	25	21	1	6	5	48	58-1/2	432
90-1 1/2-48	1-1/2	48	3	2	25	24	1	6	5	48	58-1/2	459
90-2-36	2	36	3	2	25	18	1	6	5	48	59-1/2	448
90-2-42	2	42	4	2	25	21	1	6	5	48	59-1/2	536
90-2-48	2	48	4	2	25	24	1	6	5	48	59-1/2	627
90-3-42	3	42	4-1/2	2-1/2	25	21	1-1/2	6-1/8	7	48	61-1/2	766
90-3-48	3	48	4-1/2	2-1/2	27	24	1-1/2	6-1/8	7	48	61-1/2	823
90-3-54	3	54	4-1/2	2-1/2	30	27	1-1/2	6-1/8	7	48	61-1/2	969
90-4-48	4	48	5	3	27	24	1-1/2	6-1/8	7	48	63-1/2	1176
90-4-60	4	60	5	3	30	30	1-1/2	6-1/8	7	60	75-1/2	1393
90-5-48	5	48	5	3	30	24	1-1/2	6-1/8	7	48	63-1/2	1193
90-5-60	5	60	5	3	38	30	1-1/2	8-1/8	7	60	75-1/2	1403

* Additional 3" - 4" clearance recommended above load for ease of loading and unloading the lifter.

Model 95

Heavy-Duty Fixed-Forks Pallet Lifter

Beefed up, double-frame construction handles your heaviest lifts, from 7-1/2 to 20 tons.

Product Features:

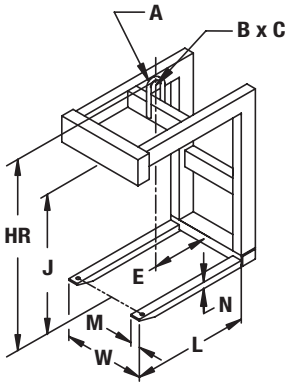
- Double frame design for heavy capacities
- Counterbalanced to hang level when empty
- Maintenance-free
- Complies with ASME standards

WARNING

Center of hoist and bail must be in-line with the load's center of gravity.



MODEL 95



Model Number	Capacity (tons)	Dimensions (inches)										Weight (lbs.)
		Forks				E	Bail			J*	HR	
		L	M	N	W		A	B	C			
95-7 1/2-48	7-1/2	48	6	2-1/2	30	24	2	5	9	48	65	1910
95-7 1/2-60	7-1/2	60	10	3	38	30	2	5	9	60	79	2400
95-10-48	10	48	10	3	30	24	2	5	9	48	69	1950
95-10-60	10	60	10	3	38	30	2	5	9	60	81	3100
95-15-48	15	48	10	3	38	24	2	6	12	60	84	2250
95-15-60	15	60	10	3	38	30	2	6	12	60	75	3800
95-20-60	20	60	7	4	38	30	2-1/4	6	12	60	88	4300
95-20-72	20	72	8-1/4	4	44	36	2-1/4	6	12	60	88	4850

* Additional 3" - 4" clearance recommended above load for ease of loading and unloading the lifter.

Model 91

Standard Adjustable Forks Pallet Lifter

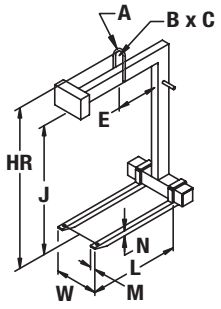
Adjust fork spread with a pry bar to move multiple pallet sizes off your dock, around your manufacturing floor or across your warehouse.

Product Features:

- Converts overhead crane into lift truck
- Pry bar adjustable forks to handle multiple pallet sizes
- Counterbalanced to hang level when empty
- Complies with ASME standards



MODEL 91



Model Number	Capacity (tons)	Dimensions (inches)											Weight (lbs.)
		Forks			W		E	Bail			J*	HR	
		L	M	N	Min.	Max.		A	B	C			
91-1-36	1	36	2	2	16	38	18	1	3	5	48	58	670
91-1-42	1	42	2	2	16	38	21	1	3	5	48	58	760
91-1-48	1	48	2	2	16	38	24	1	3	5	48	59	780
91-1 1/2-36	1-1/2	36	3	2	16	38	18	1	3	5	48	59	845
91-1 1/2-42	1-1/2	42	3	2	16	38	21	1	3	5	48	59	900
91-1 1/2-48	1-1/2	48	3	2	16	38	24	1	3	5	48	60	950
91-2-36	2	36	3	2	16	38	18	1	3	5	48	60	980
91-2-42	2	42	4	2	16	38	21	1	3	5	48	60	1060
91-2-48	2	48	4	2	16	38	24	1	3	5	48	59-1/2	1080
91-3-42	3	42	4-1/2	2-1/2	16	38	21	1-1/2	4	7	48	61-1/2	1250
91-3-48	3	48	4-1/2	2-1/2	16	38	24	1-1/2	4	7	48	61-1/2	1368
91-3-54	3	54	4-1/2	2-1/2	16	38	27	1-1/2	4	7	48	63	2005
91-4-48	4	48	5	3	19	38	24	1-1/2	4	7	48	64	1600
91-4-60	4	60	5	3	19	38	30	1-1/2	4	7	60	76	2240
91-5-48	5	48	5	3	19	38	24	1-1/2	4	7	48	65	1865
91-5-60	5	60	5	3	19	38	30	1-1/2	4	7	60	77	2190

* Additional 3" - 4" clearance recommended above load for ease of loading and unloading the lifter.

Not Seeing What You Want?

Call on Caldwell's Engineering Team to custom design a pallet lifter. Get started at 800.628.42633.

Model 96

Heavy-Duty Adjustable Forks Pallet Lifter

This heavy-duty version of Caldwell's Model 91 handles higher capacity loads with double-frame construction. Choose for your heaviest and toughest jobs.

Product Features:

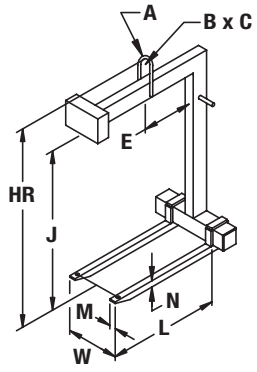
- Forged forks gives ease of adjustment
- Smaller fork sizes gained using forged forks
- Double frame design for heavy capacities
- Complies with ASME standards

WARNING

Center of hoist and bail must be in-line with the load's center of gravity.



MODEL 96



Model Number	Capacity (tons)	Dimensions (inches)											Weight (lbs.)
		Forks			W		E	Bail			J*	HR	
		L	M	N	Min.	Max.		A	B	C			
96-7 1/2-48	7-1/2	48	6	2-1/2	20	48	24	2	5	9	48	64-1/2	2400
96-7 1/2-60	7-1/2	60	6	3	20	48	30	2	5	9	60	77-1/2	3300
96-7 1/2-72	7-1/2	72	6	3	20	48	36	2	5	9	60	80	3750
96-10-48	10	48	6	3	20	48	24	2	5	9	48	68	2900
96-10-60	10	60	6	3	20	48	30	2	5	9	60	79-1/2	4300
96-10-72	10	72	7	3	20	48	36	2	5	9	60	79-1/2	4900
96-12 1/2-48	12-1/2	48	6	3	20	48	24	2	6	12	48	82	3900
96-12 1/2-60	12-1/2	60	6	3	20	42	30	2	6	12	60	82	4700
96-12 1/2-72	12-1/2	72	7	3-1/2	20	38	36	2	6	12	60	82	5500

* Additional 3" - 4" clearance recommended above load for ease of loading and unloading the lifter.

Model 92

Hand Wheel Adjustable Forks Pallet Lifter

Easy-to-operate hand wheel allows almost infinite spread adjustment.

Product Features:

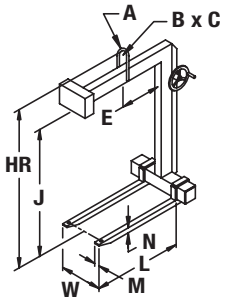
- Hand wheel for easy adjusting of forks
- Converts overhead crane to lift truck
- Handles multiple pallet sizes
- Complies with ASME standards



Hand wheel adjustable



MODEL 92



Model Number	Capacity (tons)	Dimensions (inches)											Weight (lbs.)
		Forks			W		E	Bail			J*	HR	
		L	M	N	Min.	Max.		A	B	C			
92-1-36	1	36	2	2	16	38	18	1	3	5	48	58	890
92-1-42	1	42	2	2	16	38	21	1	3	5	48	58-1/2	800
92-1-48	1	48	2	2	16	38	24	1	3	5	48	58-1/2	1051
92-1 1/2-36	1-1/2	36	3	2	22-1/2	38	18	1	3	5	48	58	1000
92-1 1/2-42	1-1/2	42	3	2	22-1/2	38	21	1	3	5	48	60	1055
92-1 1/2-48	1-1/2	48	3	2	22-1/2	38	24	1	3	5	48	60	1130
92-2-36	2	36	3	2	22-1/2	38	18	1	3	5	48	60	1105
92-2-42	2	42	4	2	23	38	21	1	3	5	48	60	1351
92-2-48	2	48	4	2	24	38	24	1	3	5	48	59-1/2	1360
92-3-42	3	42	5	2	23	38	21	1-1/2	4	7	48	61-1/2	1465
92-3-48	3	48	4-1/2	2-1/2	24	38	24	1-1/2	4	7	48	63-1/2	1600
92-3-54	3	54	4-1/2	2-1/2	24	38	27	1-1/2	4	7	48	63	2130
92-4-48	4	48	5	3	28-1/2	38	24	1-1/2	4	7	48	62-1/2	2035
92-4-60	4	60	5	3	28-1/2	38	30	1-1/2	4	7	60	76	2385
92-5-48	5	48	5	3	25-1/2	38	24	1-1/2	4	7	48	65	2550
92-5-60	5	60	5	3	25-1/2	38	30	1-1/2	4	7	60	79	2740

* Additional 3" - 4" clearance recommended above load for ease of loading and unloading the lifter.

Model 97

Heavy-Duty Hand Wheel Adjustable Forks Pallet Lifter

Heavy-duty, double-frame version of Model 92.

Product Features:

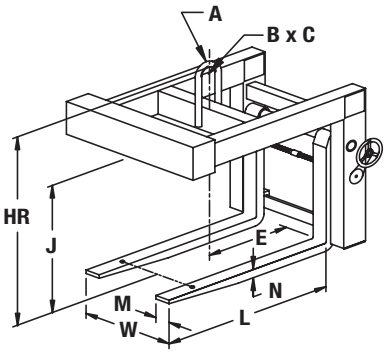
- Hand wheel adjustable forks for ease of adjustment
- Forged forks allow for smaller fork sizes
- Double frame design for heavy capacities
- Complies with ASME standards

WARNING

Center of hoist and bail must be in-line with the load's center of gravity.



MODEL 97



Model Number	Capacity (tons)	Dimensions (inches)											Weight (lbs.)
		Forks			W		E	Bail			J*	HR	
		L	M	N	Min.	Max.		A	B	C			
97-7 1-2-48	7-1/2	48	6	2-1/2	20	48	24	2	5	9	48	66	2600
97-7 1/2-60	7-1/2	60	6	3	20	48	30	2	5	9	60	77-1/2	3500
97-7 1/2-72	7-1/2	72	6	3	20	48	36	2	5	9	60	80	3950
97-10-48	10	48	6	3	20	48	24	2	5	9	48	65-1/2	3150
97-10-60	10	60	6	3	20	48	30	2	5	9	60	77-1/2	3850
97-10-72	10	72	7	3	20	48	36	2	5	9	60	82	4250
97-12 1/2-48	12-1/2	48	6	3	20	48	24	2	6	12	48	82	4200
97-12 1/2-60	12-1/2	60	6	3	20	48	30	2	6	12	60	82	4950
97-12 1/2-72	12-1/2	72	7	3-1/2	20	48	36	2	6	12	60	82	5750
97-15-60	15	60	7	3-1/2	20	48	30	2	6	12	60	82	5300
97-15-72	15	72	8	3-1/2	20	48	36	2	6	12	60	82-1/2	6400

* Additional 3" - 4" clearance recommended above load for ease of loading and unloading the lifter.

Application Evaluation

LOAD INFORMATION:

Describe load: _____

Maximum weight: _____

Fork pocket spacing: Minimum _____ Maximum _____

Fork pocket dimensions: Length _____ Width_____ Height _____

Is load center of gravity off-centered? ❑ Yes ❑ No

If no, provide detailed drawing.

Can the load center of gravity shift during movement? ❑ Yes ❑ No

If yes, please explain. _____

_____

_____

_____

_____

_____

Crane Information:

Approximate distance between load and crane:

_____

Single crane hoist information:

Capacity: _____

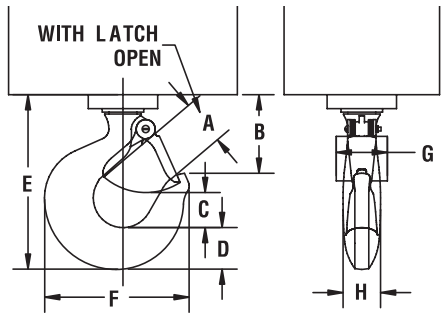
ID Markings: _____

Crane Hook Data:

Hook Manufacturer: _____

Hook Size: _____

ID Markings: _____



	INCHES
A	_____+0
B	_____+0
C	_____+0
D	_____-0
E	_____-0
F	_____+/-
G	_____-0
H	_____-0

Measurement Tolerances

+0 = Measurement should be no larger but can be smaller than actual.
-0 = Measurement should be no smaller but can be larger than actual.
+/- = Measurement can be larger or smaller than actual.

Dual crane hoist information:

Distance between: _____

Same capacity? ❑ Yes ❑ No

If no, specify capacities: _____

_____

Contact: _____

Company: _____

Address: _____

City, State, Zip: _____

Phone: _____

Fax: _____

EMail: _____

For a price quote on your specific application, please complete the above form and fax to The Caldwell Group at **815-229-5686** or you can complete this form online at **www.caldwellinc.com/applications.**

Distributor Favorites

INDEX

Motorized Rotating
Crane Hook.....90-91
Lifting Tongs.....92
Heavy-Duty Material Stands.....93
Material Baskets.....94-95
Posi-Turner® Load Rotator 96-97
Rig Release®
Remote Releasing Hook.....98-99
Vacuum Lifters.....100-101
Construction Lifters 102-103
Fork Truck Accessories 104-107







Model 50

Motorized Rotating Crane Hook

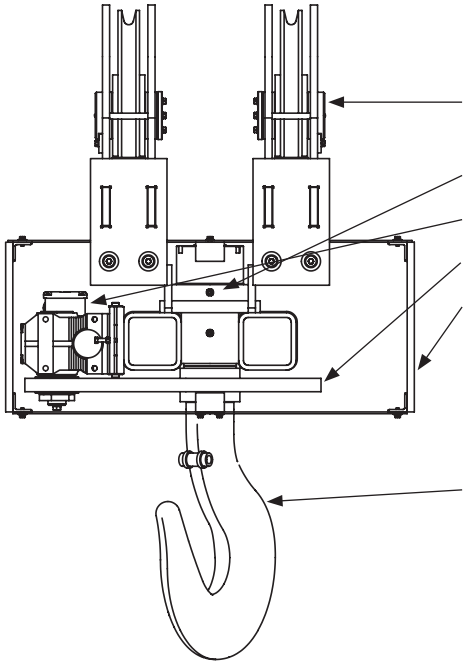
Put the power and control in the crane operator's skilled, capable hands with the Caldwell **Motorized Rotating Crane Hook.** With full 360-degree rotation, the operator can place loads in tough to reach or access locations with ease, orienting them exactly right.

Product Features:

- Every unit is custom designed to fit your application
- Allows for independent and precise position of load
- Full 360° rotation @ 1-1/2 RPM
- Controls feature soft-starting capability
- Designed to operate on either direct or alternating power supply

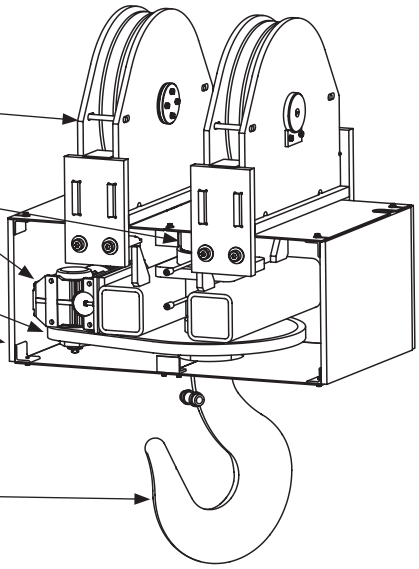


Choose an optional load scale when you custom design your unit.

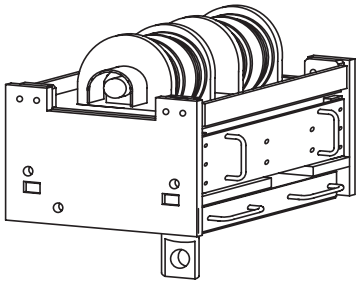


Standard Design Features:

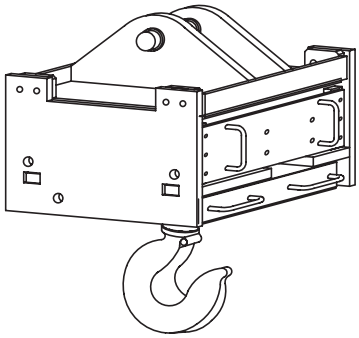
- Steel sheaves with hardened rope grooves and tapered roller bearings
- High-capacity thrust bearing
- Heavy-duty helical-worm gear motor
- Chain and sprocket final drive
- Easy access for maintenance
- Controls include starter with overload, VFD (variable frequency drive) NEMA - 12 enclosure and pigtail
- Heat-treated forged steel hook with latch



CLEVIS STYLE



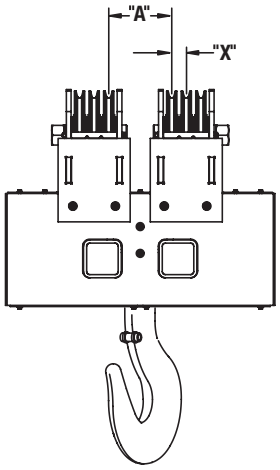
PIN BAIL



Application Evaluation

1. CMAA Crane Duty Class: _____
2. Capacity of crane: _____
3. Number of sheaves: _____
4. Sheave diameter: _____
5. Sheave spacing (A): _____ (X): _____
6. Type of sheave bearings: _____
7. Wire rope diameter: _____
8. Maximum degree of rotation required: _____
9. Will a motorized grab be suspended from the hook?

   ❑ Yes ❑ No



For a price quote on your specific application, please complete the above form and fax to The Caldwell Group at **815-229-5686** or you can complete this form online at **www.caldwellinc.com/applications.**

10. Primary power supply: _____

    Secondary power supply: _____
11. Describe load to be rotated:

    a. Weight _____

    b. Length _____

    c. Width _____

    d. Height _____

    e. Shape _____
12. Will hook be outdoors? _____

    ❑ Yes ❑ No
13. Operation controlled from:

    ❑ Cab ❑ Pendant ❑ Remote
14. Load scale required? ❑ Yes ❑ No
13. Describe requirements: _____

_____

15. Options required: _____

_____

_____

Contact: _____

Company: _____

Address: _____

City, State, Zip: _____

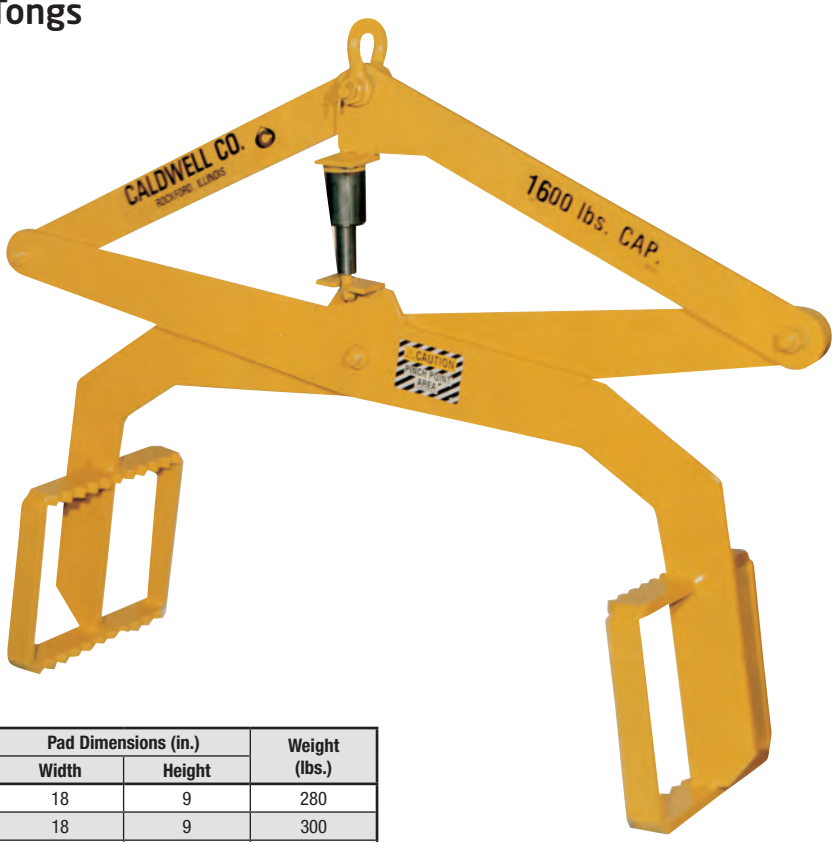
Phone: _____

Fax: _____

EMail: _____

Model 77

Bale Lifting Tongs



Pressure tongs can be used to lift objects that have sufficient structure and density to stand up to the application of lateral force.

Product Features:

- Lifts bales of paper, cotton, and other materials.
- Wide gripping surface for load stability.
- Includes Auto-Latch mechanism for one person operation.
- Complies with ASME standards.

Model Number	Rated Capacity (tons)	Bale Width (in.)	Unit Height Loaded (in.)	Pad Dimensions (in.)		Weight (lbs.)
				Width	Height	
77-1/2-36	1/2	36	52	18	9	280
77-1/2-48	1/2	48	56	18	9	300
77-1-36	1	36	52	18	9	280
77-1-48	1	48	56	18	9	300

Model DLT

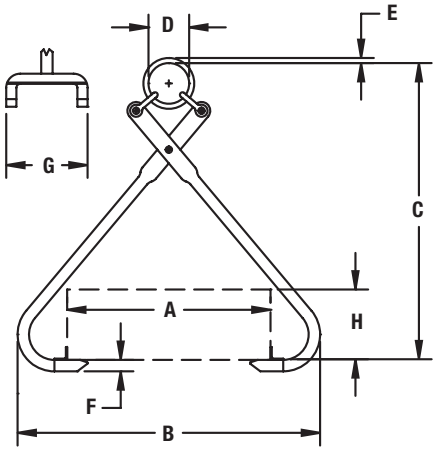
Die Lifting Tongs

Support Tongs are used for repeat pickups of constant-sized containers such as boxes and crates. The arm design allows significant height on the lifted item and the Auto-Latch mechanism allows the operator to position, engage, lift, move, place, and disengage the lifted item without assistance.

Product Features:

- Broad capacity range.
- Low-headroom design.
- Complies with ASME standards.

MODEL DLT





Model Number	Capacity (lbs.)	Dimensions (inches)								Weight (lbs.)
		Max. A	B	C	D	E	F	G	H	
DLT-1-20	2000	20	29 3/4	29	4	5/8	1	8	7	29
DLT-1 1/4-28	2500	28	40 1/4	39	5	3/4	1 1/4	8	9 1/2	52
DLT-1 1/2-38	3000	38	51 3/4	47 1/2	6	7/8	1 1/2	10	10 3/4	86

Model HDMS

Heavy-Duty Material Stands

Ergonomics. Safety. Accessibility. When you need to raise your product up to the right height for manufacturing, maintenance or repair processes, let Heavy-Duty Material Stands help. Each pair is custom designed to your specific application.

Product Features:

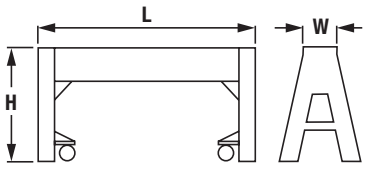
- Designed to meet rated capacity
- Available with fork pockets, casters, or both for easy transportation
- Casters are collapsible under load
- Stands are clearly marked with rated capacity







MODEL HDMS



Application Evaluation

1. Rated Capacity (lbs.): A. Per Pair: _____

   B. Or Each: _____

2. Height Required (at top of stand): _____

3. Describe product being set on stands: _____

_____

_____

_____

_____

4. Dimensions:

   Length _____ Width_____ Height_____

For a price quote on your specific application, please complete the above form and fax to The Caldwell Group at **815-229-5686** or you can complete this form online at **www.caldwellinc.com/applications.**

5. Casters or fork pockets (check) boxes):

   ❑ If Casters, specify floor surface material.

   _____

   _____

   ❑ If Fork Pockets, Specify pocket dimensions required:

   Length _____ Width_____ Height_____

   Note: CG must be centered between horses.

Contact:_____

Company: _____

Address: _____

City, State, Zip: _____

Phone:_____

Fax: _____

EMail: _____

Model MB

Material Baskets

Caldwell custom-designed material baskets provide the ideal solution when lifting and transporting components on the job site or manufacturing facility.

Product Features:

- Organize material for a specific job
- Quickly transport tools or components from one area to another
- Easily keep inventory contained and under control
- Designed to fit your specific application requirements
- Complies with ASME standards







Lightweight aluminum with mesh door and fork pockets.

Heavy-duty steel with solid steel door and fork pockets.



Caldwell material baskets are not rated for handling personnel.



Short, solid sided basket with no door.



Shown with optional
fork pockets and casters.



Steel with mesh walls
and solid steel door.

Application Evaluation

1. Capacity (lbs.):_____

2. Inside Dimensions:

Length _____ Width_____ Height_____

3. Door: ❑ Yes ❑ No

If yes, specify location and type of swing required.

❑ Left ❑ Right ❑ Length ❑ Width

❑ Other_____

4. Wall material:

❑ Open Frame ❑ Expanded metal _____

❑ Solid steel ❑ Other: (please specify)

_____

5. Crane Attachment Method: ❑ Chain Top Rigging

❑ Lifting Beam ❑ Lifting Bracket

❑ Other (please describe): _____

_____

6. Fork pockets required:

❑ Yes, specify maximum fork dimensions: _____

❑ No

7. Casters required: ❑ Yes ❑ No

8. Is the load centered in the basket?

❑ Yes ❑ No

If no, please provide sketch or drawing indicating

load center.

9. Other information: _____

_____

_____

_____

_____

_____

_____

Contact:_____

Company: _____

Address: _____

City, State, Zip: _____

Phone:_____

Fax: _____

EMail: _____

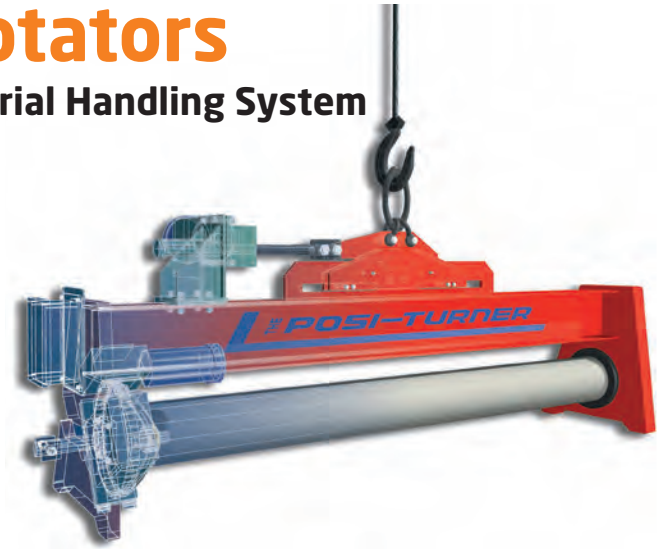
For a price quote on your specific application,
please complete the above form and fax to
The Caldwell Group at **815-229-5686**
or you can complete this form online at
www.caldwellinc.com/applications.

Posi-Turner® Load Rotators

Custom-Engineered Powered Sling Material Handling System

Make all material handling process more ergonomic, efficient, and safe while preventing product damage with a system that lifts, suspends, rotates, and positions hard-to-handle objects.

Since 1972, the patented Posi-Turner® has been handling light- and heavy-duty applications across the world. With only one operator using a hand-held pendant or wireless remote control, you can lift more than 150 tons and maneuver virtually anything, including even the most odd-shaped objects.



Product Features:

- Heavy-duty slings, powered by a powerful roller drum or independent drive system move, rotate, or position objects with no damage
- Each unit is custom engineered
- Choose from six options: Standard Fixed Bail, Standard Leveler Bail, Auto-Leveler, Independent Drive, Chassis Master®, and Posi-Gantri®
- Sling styles include polyester, metal mesh, ladder, sling links, and more
- Other options include alternative voltage, alternative power, additional lifting eyes, caster wheels, rubber belt lagged drum, sling guide, and more
- To see a Posi-Turner in action, visit the Caldwell YouTube channel: **https://youtu.be/w2DMZKeWo3M**

Posi-Turner® Applications:

Fabrication & Assembly. Rotate product during line processes to allow components to be added at various stages along the line. Or, rotate bulky and hard-to-handle objects during welding and other assembly processes.

Machining & Metal Forming. Safely and efficiently rotate large or unbalanced loads for placement during forming and machining.

Die & Mold Maintenance. Easily rotate dies and molds to allow for product removal, maintenance, or tooling changes.

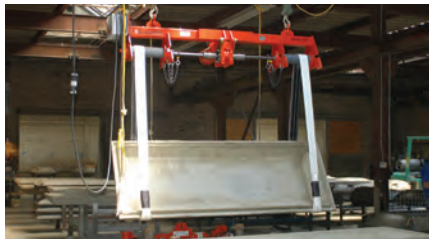
Molded Product Removal. Rotate and/or separate molds for safe and damage-free product removal.

Material Handling, Storage & Shipping. Safely pick and tilt loads to the exact angle required for shipping and storage.

Inspection, Cleaning, Painting & Repair. Precise, controlled rotation allows load to be stopped and positioned at any angle.



Fabrication & Assembly



Mold Product Removal



Machining & Metal Forming



Material Handling, Storage & Shipping



Die & Mold Maintenance



Inspection, CLeaning, Painting & Repair

Posi-Turner® Model Options:

Standard Fixed Bail
Smooth and controlled rotation. Suspends and rotates objects 360 degrees or more.

Standard Leveler Bail
Leveler adjusts the center of gravity under the hook to balance the load with the push of a button. Standard bail adjustment is 6" each side of center. Optional 12" adjustment each side of center also available.

Auto-Leveler™
Control system senses when a load is out of level, then automatically activates a leveling adjustment on the lifter to level the load. Auto-leveling can be turned off for manual use if desired. Level loads reduce sling walk. Operator can focus on rotation and operating the crane.

Independent Drive System
Two powered drive units are suspended from two cranes/hoists, with pocketed sheave that drives special coil link chain slings. You can rotate large, heavy, bulky items for assembly, welding, and inspection. Drive units can either be operated independently or together.

Chassis Master™
System build specifically for inverting truck/bus chassis after suspension installation. Custom-designed fixtures clamp to chassis C-rails and contain center of gravity within the turning radius, thus creating a smooth transition. Independent drives allow fixtures to be positioned exactly where you want.

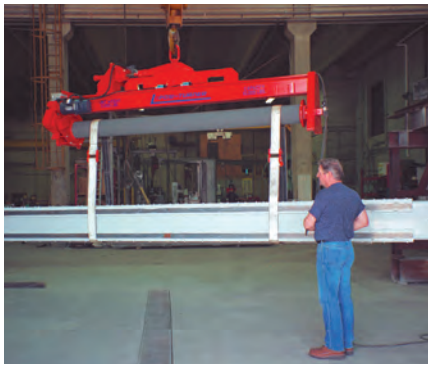
Posi-Gantri™
Use where overhead cranes are not feasible. Unit can span a workbench or area where loads need to be turned during fabrication, assembly, or maintenance. Heights can be fixed or adjustable. Options include chain hoist, casters, and polyester or wire mesh slings.



Standard Fixed Bail



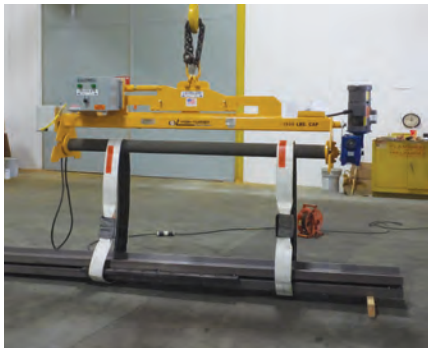
Chassis Master™



Standard Leveler Bail



Posi-Gantri™



Auto-Leveler™



Independent Drive System

Get Started On Your Posi-Turner® Today!

The very best way to get your project kicked off is to visit CaldwellInc.com for and complete the Posi-Turner Application Evaluation Form. Then, with that information in hand, call 800.628.4263 and our customer care and engineering teams will work with your end-user to kick off the development process.

Rig-Release® Remote Releasing Hooks

Manual and Remote Control Units

In-Stock

Caldwell's patented Rig-Release hook is a safe and simple way to release rigging remotely, protecting workers on the job site and making lifts more efficient. You just hook the unit to your crane or spreader beam, then attach the sling(s) directly to the Rig-Release, which is designed so that it cannot release the rigging while under load when used according to operating instructions. The crane operator lifts the load, sets it, and once the crane line is slack, pulls the release rope manually or via remote control.

Product Features for Manual and Remote-Controlled Units:

- Designed for rugged, outdoor use
- Easy to use—simply rig, lift, set, and release
- Lock & Capture feature engages with very little load weight (see Minimum Load in charts)
- Oversized bail for easy mounting on crane hook
- 5-, 10-, and 15-ton units have a fixed bail
- Designed and manufactured to ASME standards



1 Ton Manual Unit Shown



2.5 Ton Remote-Controlled Unit Shown

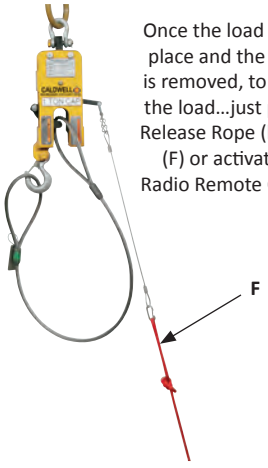
WARNING

Lifting at less than minimum load can result in injury or death.

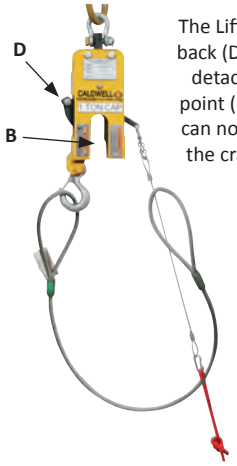
Chart data is based upon the minimum number of springs.

See How It Works

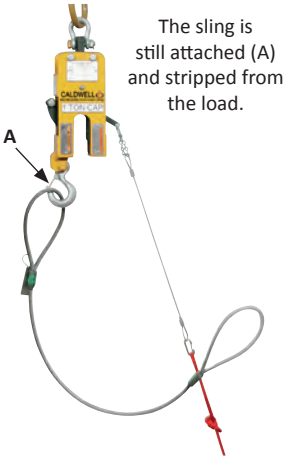
HOW IT WORKS



Once the load is set in place and the weight is removed, to release the load…just pull the Release Rope (lanyard) (F) or activate the Radio Remote Control.



The Lift Arm pulls back (D), the sling detaches from point (B) and you can now raise up the crane hook.



The sling is still attached (A) and stripped from the load.



All of this is accomplished safely and efficiently from a safe distance.

Model RR

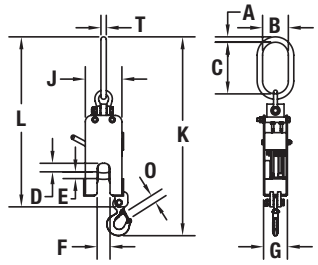
Manual Rig-Release® Hook

Product & Safety Features:

- Cost-effective option for safer rig releasing
- Rope guide allows rigging to be released when hook is either above or beside the operator
- If hook is located below the operator, please ask about the Upward Pull option
- Rated load capacity can be lifted from either lift arm or the lower strib sling hook
- Do not exceed capacity on hook
- When the minimum load is applied, the inner body assembly sits in the Lock & Capture position and cannot be released
- Inner body assembly only allows slings to release when the load line is slack
- Release rope has built-in breakaway chain to prevent damage to the inner body assembly
- Additional springs can be added to accommodate heavier sling weights

MODEL RR

Patent No. 7,380,849



In-Stock

Model Number	Rated Cap. (tons)	Dimensions (inches)												Weight (lbs.)
		D	E	F	G	J	K	L	O	A	B	C	T	
RR-1	1	1.15	0.75	1.25	2.77	4.25	23.10	19.75	0.89	0.63	3.00	6.00	0.63	14
RR-2.5	2.5	1.75	1.00	1.50	4.25	9.56	31.67	26.88	1.09	0.63	3.00	6.00	0.63	45
RR-5	5	1.83	1.50	1.50	5.00	11.13	36.40	30.75	1.36	2.00	4.00	7.00	1.25	110
RR-10	10	2.25	1.75	2.00	6.31	11.00	41.16	32.13	2.08	2.00	4.00	7.00	1.25	200
RR-15	15	3.00	2.50	2.50	6.31	15.00	49.25	39.25	2.27	2.50	5.00	9.00	1.50	325

In Stock - Items with green model numbers ship in 48 hours, excluding weekends and holidays.

Model Number	Rated Capacity (tons)	*Minimum Load (lbs.)		Rigging		
				Recommended Lifting Slings	**Maximum Allowable Rigging Weight (lbs.)	
		Basket	Choker	Rope Dia. (inches)	Basket	Choker
RR-1	1	30	15	3/8	14	7
RR-2.5	2.5	80	40	5/8	28	14
RR-5	5	230	115	7/8	60	30
RR-10	10	230	115	1-1/4	100	50
RR-15	15	400	200	1-1/2	100	50

***If minimum load weight is not met, safety mechanism will not engage into the LOCK & CAPTURE position.**
****If maximum allowable rigging weight is exceeded, unit will remain in the lock & Capture position and cannot be released.**
If the maximum allowable rigging weight needs to be increased, additional springs can be added. Refer to the Instruction Manual.

Model RR-R

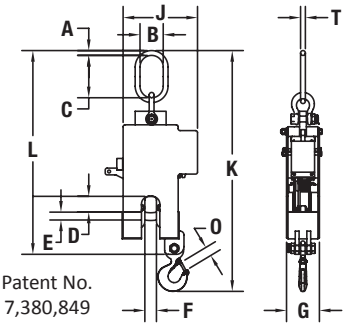
Remote-Controlled Rig-Release® Hook

Product & Safety Features:

- Includes two 12 VDC 0.8 Amp Hr. sealed, maintenance-free, lead acid batteries (rechargeable)
- Includes one charger and one vehicle adapter for standard 12 VDC vehicle outlets
- 8-hour battery life, depending on frequency of operation
- Minimum required cycle time is 1 to 2 minutes between releases
- Radio-activated solenoid is mechanically blocked when the unit is under load, preventing load release
- Two-step, two-button activation (release) sequence prevents inadvertent release signal
- Transmitter times out in 10 seconds, preventing inadvertent release of rigging
- Built-in safety features allow multiple hooks to be used on the same job site
- Range up to 400 feet with clear line of site

MODEL RR-R

Patent No. 7,380,849



In-Stock

Model Number	Rated Cap. (tons)	Dimensions (inches)												Weight (lbs.)
		D	E	F	G	J	K	L	O	A	B	C	T	
RR-2.5R	2.5	1.75	1.00	1.50	4.25	9.56	31.15	26.88	1.09	0.63	3.00	6.00	0.63	50
RR-5R	5	1.83	1.50	1.50	5.00	11.13	36.40	30.75	1.36	2.00	4.00	7.00	1.25	115

In Stock - Items with green model numbers ship in 48 hours, excluding weekends and holidays.

Model Number	Rated Capacity (tons)	*Minimum Load (lbs.)		Rigging		
				Recommended Lifting Slings	**Maximum Allowable Rigging Weight (lbs.)	
		Basket	Choker	Rope Dia. (inches)	Basket	Choker
RR-2.5R	2.5	80	40	5/8	28	14
RR-5R	5	250	125	7/8	60	30

***If minimum load weight is not met, safety mechanism will not engage into the LOCK & CAPTURE position.**
****If maximum allowable rigging weight is exceeded, unit will remain in the lock & Capture position and cannot be released.**

Model D

Standard-Duty Twin Crossarms Vacuum Lifter with 4 Pads

For lifting wide or thin material. The crossarms make the load easier to balance.

Product Features:

- Ball -mounted vacuum pads
- Brass fittings
- Push lock hose (designed for 250 psi)
- Slide valves allow for manual isolation of vacuum pads
- Muffler/filter is spin on type for easy change out
- Create a Vacuum Lifter that's just right for you by completing the Application Evaluation at caldwellinc.com/forms

UNIVAC® Vacuum Lifters are designed for efficient, one-person operation in lifts of semi-porous and non-porous material. Unlike magnets or edge grabs, vacuum units will not mark or scratch material surfaces or edges. Additionally, vacuum lifters can easily lift nonferrous metals and thin sheets (under ¼").

Benefits your company will receive with UNIVAC® Vacuum Lifters:

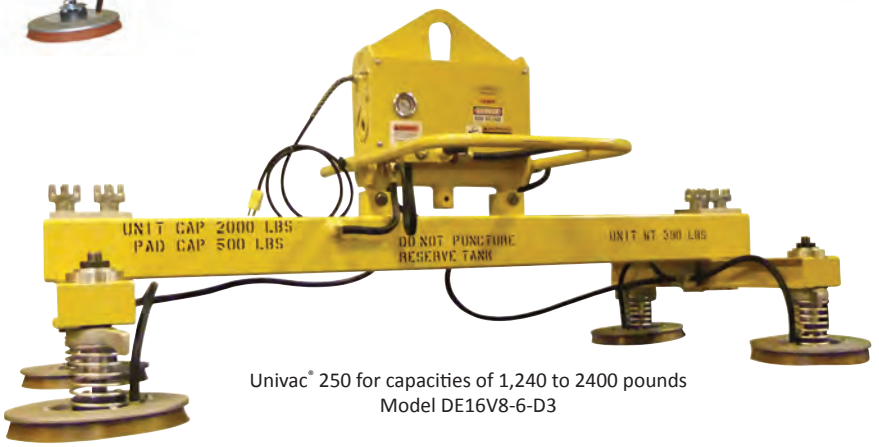
- Increase productivity, reducing cost
- Versatile handling of most materials
- One person operation
- Improve storage space
- Eliminate material damage
- Provide a low maintenance lifter.
- Precision handling made easier
- Durable for long lasting service

All UNIVAC® lifters have:

- Identification nameplate as required by ASME
- Rated capacities and product safety labels



Univac® 250 for capacities less than 1240 lbs.
Model DE656-6-D3



Univac® 250 for capacities of 1,240 to 2400 pounds
Model DE16V8-6-D3

Add fEEt to blank Model Number box to complete code.
Example: 5' load beam - DA16V8-LENGTH-D3

Rated Capacity (lbs.)	Base Wt. @ 5' (lbs.)	Model Number	Power-Pac	Flared Diameter (in.)	Load Beam Length (ft.)		
					5	6	8
Electric							
With 3' Crossarm Beams							
680	290	DE6S6 ☐ D3	UNIVAC-250	7-1/4	5	6	8
1240	310	DE12S8 ☐ D3	UNIVAC-250	9-5/8	5	6	8
1600	350	DE16V8 ☐ D3	UNIVAC-250	10-5/8	5	6	8
2400	365	DE24V10 ☐ D3	UNIVAC-250	12-1/4	5	6	8
With 4' Crossarm Beams							
680	300	DE6S6 ☐ D4	UNIVAC-250	7-1/4	5	6	8
1240	315	DE12S8 ☐ D4	UNIVAC-250	9-5/8	5	6	8
1600	360	DE16V8 ☐ D4	UNIVAC-250	10-5/8	5	6	8
2400	375	DE24V10 ☐ D4	UNIVAC-250	12-1/4	5	6	8
Shop Air - Venturi							
With 3' Crossarm Beams							
680	315	DA6S6 ☐ D3	V-40	7-1/4	5	6	8
1240	315	DA12S8 ☐ D3	V-40	9-5/8	5	6	8
1600	320	DA16V8 ☐ D3	V-40	10-5/8	5	6	8
2400	335	DA24V10 ☐ D3	V-40	12-1/4	5	6	8
With 4' Crossarm Beams							
680	325	DA6S6 ☐ D4	V-40	7-1/4	5	6	8
1240	325	DA12S8 ☐ D4	V-40	9-5/8	5	6	8
1600	330	DA16V8 ☐ D4	V-40	10-5/8	5	6	8
2400	345	DA24V10 ☐ D4	V-40	12-1/4	5	6	8

Other sizes available, consult factory.

Model U

Standard-Duty 90° Tilt Upender/Downender Vacuum Lifter

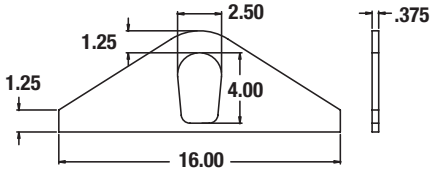
Handle numerous non-porous materials and eliminate the additional work pieces and manpower required to properly position your product.



Product Features:

- Standard 110V plug-in style power supply for easy installation
- Vacuum reservoir maintains load in the event of power loss
- Fully adjustable to handle varying lengths/widths of material
- Linear actuator provides smooth, continuous tilting
- Color-coded vacuum level indicator gauge is easy to read
- Adjustable guide handle for ergonomic operation
- Non-marking neoprene vacuum pads protect the load from damage
- Other types and sizes of vacuun lifters are available online
- For a full selection of Vacuum Lifters, visit caldwellinc.com/product-brand/univac/

BAIL DIMENSIONS



Twin Crossarm

Twin Crossarm Models have four pads and are available with main beam lengths of 4', 6', or 8' and crossarm lengths of 3', 4' or 5'.

Rated Capacity (lbs.)	Number of Pads	Pad Diameter (in.)	Model Number
Non-Glass Material			
100	4	4	**UE1S3-__-D__**
340	4	7-1/4	**UE3S6-__-D__**
620	4	9-5/8	**UE6S8-__-D__**
800	4	10-5/8	**UE8V8-__-D__**
1200	4	12-1/4	**UE12V10__-D__**
1600	4	14-1/4	**UE16V12-__-D__**
2000	4	16	**UE20V14-__-D__**
Glass Only			
180	4	6-7/8	**UE1M5-__-D-__**
500	4	9-1/4	**UE5M8-__-D-__**

Other sizes available, consult factory.

Please specify desired length where __ is in the Model Number i.e. UE6S8-8-D4 has an 8' main beam and two 4' crossarms.

Quad Crossarm

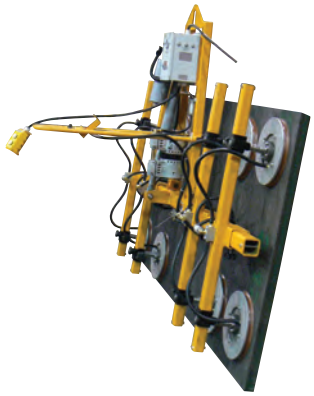
Quad Crossarm Models have eight pads and are available with main beam lengths of 6', 8', or 10' and crossarm lengths of 3', 4' or 5'.

Rated Capacity (lbs.)	Number of Pads	Pad Diameter (in.)	Model Number
Non-Glass Material			
200	8	4	**UE2S3-__Q__**
320	8	5	**UE3S4-__Q__**
680	8	7-1/4	**UE6S6-__Q__**
1240	8	9-5/8	**UE12S8-__Q__**
*1600	8	10-5/8	**UE16V8-__Q__**
*2000	8	12-1/4	**UE24V10-__Q__**
Glass Only			
180	8	4-7/8	**UE1M4-__-Q-__**
360	8	6-7/8	**UE3M5-__-Q-__**
1000	8	9-1/4	**UE10M8-__-Q-__**

Other sizes available, consult factory.

Please specify desired length where __ is in the Model Number i.e. UE12S8-10-Q3 has a 10' main beam and two 3' crossarms.

*10' main beam will be our heavy duty design.





More Vacuum Lifters Available

See the full line of Caldwell Vaccum Lifters at **caldwellinc.com**

Model BLG

Barrier Grabs

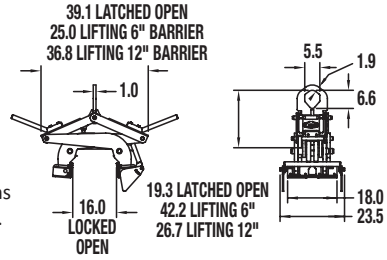
In-Stock

Product Features:

- Compact and rugged to handle concrete barriers from 6" - 12" nominal width at the top of the barrier
- Stainless steel Auto Latch mount ensures proper alignment
- Locating assembly orientates tong on barrier without operator intervention
- Gripping polyurethane pads (replaceable) conform with and protect the load
- Replaceable polyurethane pads protect barrier
- Alloy steel dog point pads bite into painted barrier surfaces (typical in coastal areas)
- Centering guide cut out on grab shoe helps to properly center tong over barrier for a level lift
- Extended handles on each side keep operator away from load and can be adjusted as needed
- Lifting eye allows for easy hook attachment, self-centers rigging, and will accommodate a fork
- Designed and manufactured to ASME B30.20, BTH-1, design category B, service class 3



MODEL BLG



NOTE: Dimensions shown in inches.

Model Number	Rated Capacity (lbs.)	Weight (lbs.)
With Polyurethane Lifting Pads		
BLG-4.1/4	8500	602
BLG-7.1/4	14500	652

Model Number	Rated Capacity (lbs.)	Weight (lbs.)
With Steel 'Dog Point' Lifting Pads		
BLG-4.1/4-DP	8500	602
BLG-7.1/4-DP	14500	652

In Stock - Items with green model numbers ship in 48 hours, excluding weekends and holidays.

Model BFC

Beam Flange Clamps

In-Stock

Product Features:

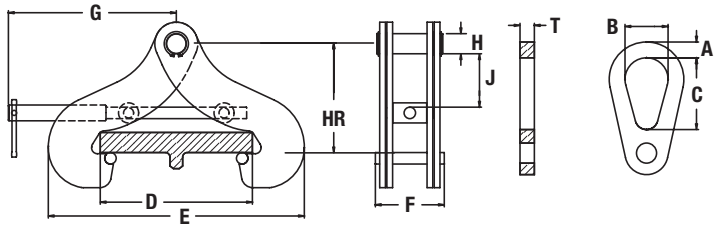
- Rated load capacities from 1 to 10 metric tons
- Proof test with certificate
- Lightweight, portable design with powder-coat finish
- Left-hand thread and right-hand thread screw spindle allows for rapid clamping and unclamping
- Lock nut prevents inadvertent loosening of clamp
- Lightweight, portable design with powder-coat finish
- Built-in suspension pin provides lower headroom
- Powder coated finish
- Available with Large Bail option for oversized hoist hooks
- Lightweight, portable design with powder-coat finish





Option LB - Large Bail

MODEL BFC



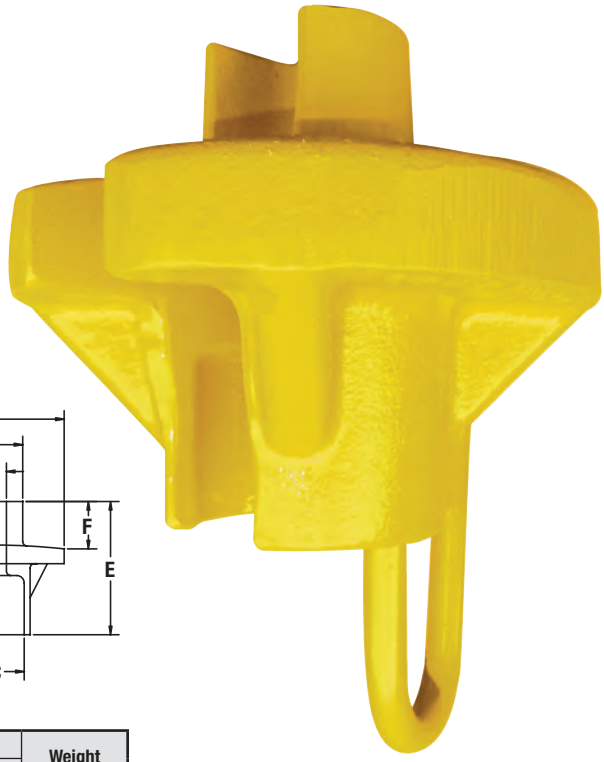
Model Number	Rated Capacity (lbs.)	Dimensions (inches)														
		D		E	F	G	H	J	Option LB						Maximum Flange Thickness	Weight (lbs.)
		Min.	Max.	Max.			Diameter		A	B	C	T	@ Min. D	@ Max. D		
BFC-1	2200	3.00	7.50	12.25	3.00	9.25	0.88	2.10	0.75	2.00	2.00	0.63	3	5	.83	8
BFC-2	4400	3.00	7.50	12.25	3.00	9.25	0.88	2.10	0.75	2.00	2.00	0.63	3	5	.83	9
BFC-3	6600	6.00	12.00	19.75	4.25	11.00	1.25	2.38	1.00	2.50	2.50	1.00	4.5	7.5	1	19
BFC-5	11000	6.00	12.00	19.75	4.25	11.00	1.25	2.38	1.00	2.50	2.50	1.00	4.5	7.5	1	22
BFC-10	22000	6.00	13.25	22.50	6.00	14.63	1.75	4.65	1.38	3.75	6.25	1.25	7.5	10.25	1.75	50

Note: Weights are for clamp only.
In Stock - Items with green model numbers ship in 48 hours, excluding weekends and holidays.

Model PC

"Tea Cup" Pipe Carrier

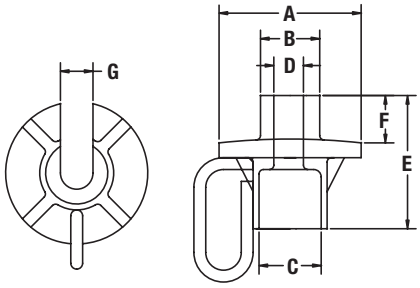
In-Stock



Product Features:

- An efficient way to handle concrete water and sewer pipes
- The Caldwell "Tea Cup" Pipe Carrier will save you time and money
- Three sizes available, to handle from 3/4" to 1-1/2" cable, and lift up to 18 tons
- Optional "Spoon Handle" allows the PC-3/4 "Tea Cup" to be guided into small diameter pipes
- Complies with ASME standards

MODEL PC



Model Number	Rated Capacity (tons)	Dimensions (inches)							Weight (lbs)
		A	B	C	D	E	F	G	
PC-3/4*	6.6	5.56	2	2.13	1.13	4.75	1.75	1.13	9
PC-1	13	6	2.50	2.63	1.38	5.75	1.75	1.38	12
PC-1 1/2	18	8	3	3.25	1.63	7.63	2.75	1.63	22

* Can use "Spoon Handle" with this model.

In Stock - Items with green model numbers ship in 48 hours, excluding weekends and holidays.

WARNING

Use only for vertical lifting

TEA CUP OPERATION





Drop pipe carrier lifting sling through hole in pipe. Align and insert "Tea Cup" pipe carrier into lifting sling.



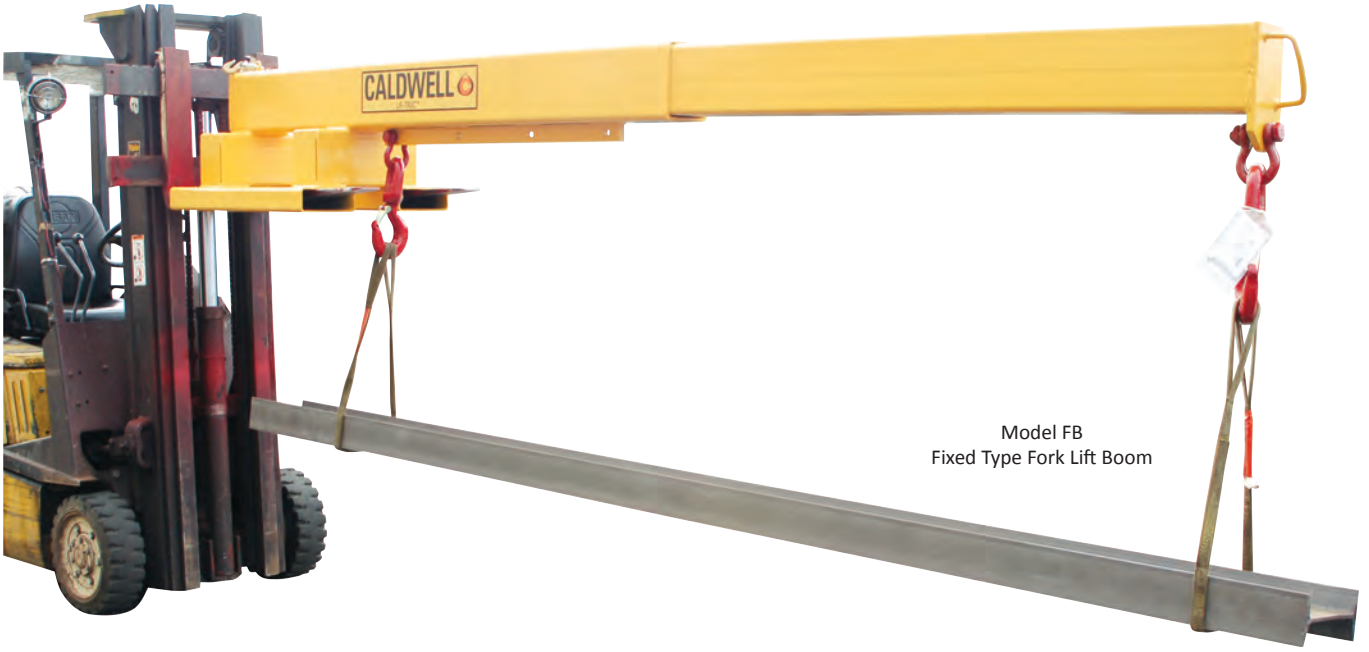


Once set, you are ready to lift the pipe.

Model FB

Telescopic Fork Lift Booms

In-Stock



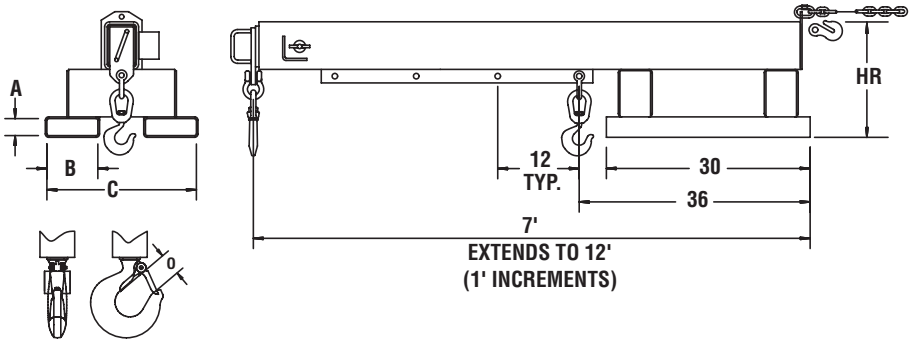
Model FB
Fixed Type Fork Lift Boom

The Fixed Boom Model FB, has a telescoping boom with a maximum horizontal reach of 12 feet. This model is available in 3,000, 4,000, 6,000 and 8,000 lb. capacities.

Product Features:

- Alternate hook positions
- Telescoping boom
- Restraining chain with grab hook
- Handle at end for easy extension
- Fixed or swivel hooks available
- Boom locking t-pin

MODEL FB



NOTE: All dimensions on drawings shown in inches unless stated.

WARNING

Capacity of lift truck and attachment combination may be less than capacity shown on attachment. Consult lift truck manufacturer.

Model Number	Dimensions (in.)		Maximum Capacity @ Hook Position (lbs.)							Weight (lbs.)
	HR	O	3'-6'	7'	8'	9'	10'	11'	12'	
FB-30	6.66	1.00	3000	3000	2600	2200	1900	1600	1500	350
FB-40	6.75	1.09	4000	3200	2600	2200	1900	1600	1500	350
FB-60	7.02	1.36	6000	5000	4200	3500	3000	2700	2500	400
FB-80	7.27	1.61	8000	7000	5700	4800	4100	3600	3100	535

Note: Models FB-30 and FB-40 are only available with swivel hooks.
In Stock - Items with green model numbers ship in 48 hours, excluding weekends and holidays.

Did You Know?

That Caldwell offers a full range of lift truck options? Go to **caldwellinc.com** for more information.



Model PB

Telescopic Pivoting Fork Lift Booms

In-Stock



Model PB
Pivot Type
Fork Lift Boom

The Pivot Boom Model PB, has a telescoping boom with a maximum horizontal reach of 12 feet. This model is available in 3,000-, 4,000-, 6,000-, and 8,000-lb. capacities. The versatile Model PB is adjustable vertically in five increments up to a maximum of 40 degrees.

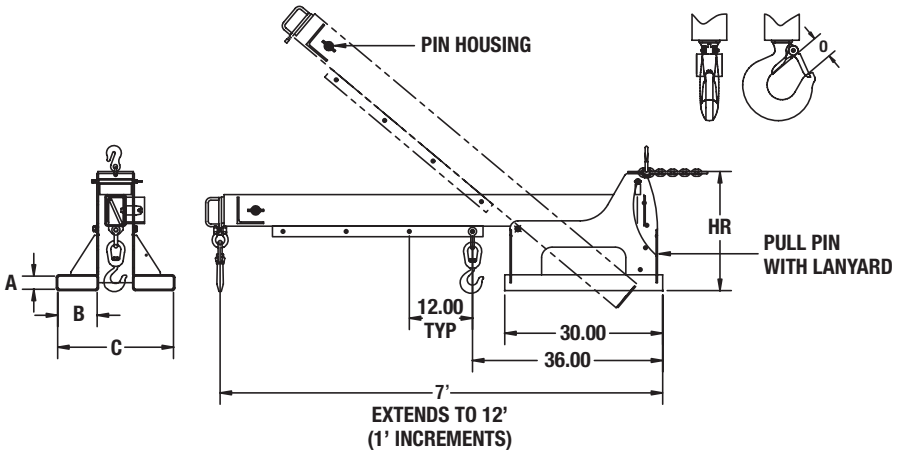
Product Features:

- Alternate hook positions
- Telescoping boom
- Restraining chain with grab hook
- Boom locking t-pin
- Handle at end for easy extension
- Fixed or swivel hooks available
- Vertically pivoting boom to 6'-4" height

WARNING

Capacity of lift truck and attachment combination may be less than capacity shown on attachment. Consult lift truck manufacturer.

MODEL PB



NOTE: All dimensions on drawings shown in inches unless stated.

Model Number	Dimensions (in.)					Maximum Capacity @ Hook Position (lbs.)							Weight (lbs.)
	A	B	C	HR	O	3'-6'	7'	8'	9'	10'	11'	12'	
PB-30	2-1/2	7-1/2	22	22-5/8	1.00	3000	3000	2600	2200	1900	1600	1500	350
PB-40					1.09	4000	3200	2600	2200	1900	1600	1500	350
PB-60	2-1/2	7-1/2	22	22-5/8	1.36	6000	5000	4200	3500	3000	2700	2500	420
PB-80					1.61	8000	7000	5700	4800	4100	3600	3100	540

Note: Models PB-30 and PB-40 are only available with swivel hooks.
In Stock - Items with green model numbers ship in 48 hours, excluding weekends and holidays.

Model EB

In-Stock

Fixed-Length Fork Lift Booms

Use the efficient, economical **Fixed-Length Boom** attachment when telescoping is not required.

Product Features:

- Fixed length
- Restraining chain with grab hook

EB-15 - Lightweight

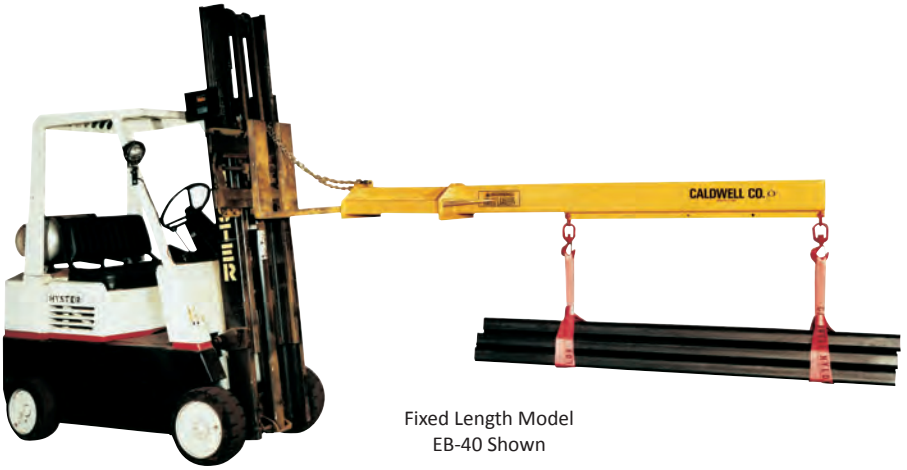
- Accepts up to a 2” wide sling
- Optional swivel hook available

EB-40 - Fixed Length

- 5 alternate hook positions
- Fixed or swivel hooks available

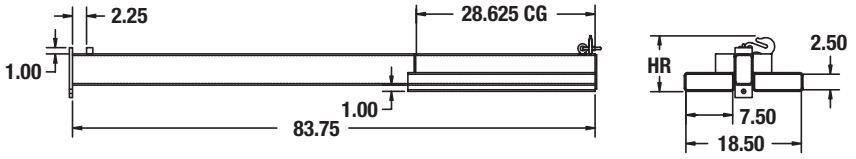
WARNING

Capacity of lift truck and attachment combination may be less than capacity shown on attachment. Consult lift truck manufacturer.

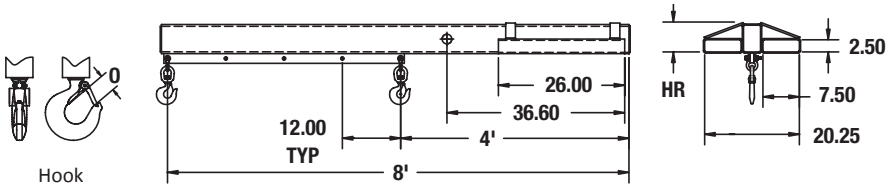


Fixed Length Model
EB-40 Shown

MODEL EB



EB-15



Hook
All Models

EB-15

NOTE: All dimensions on drawings shown in inches unless stated.

Model Number	Maximum Capacity (lbs.)	Headroom HR (in.)	Hook Opening O (in.)	Maximum Capacity @ Hook Position - (lbs.)					Weight (lbs.)
				4’	5’	6’	7’	8’	
EB-15	1500	7.00	1.00	1500	1500	1500	1500	1500	185
EB-40	4000	6.30	1.09	4000	3500	3000	2500	2000	240

In Stock - Items with green model numbers ship in 48 hours, excluding weekends and holidays.

Model FC

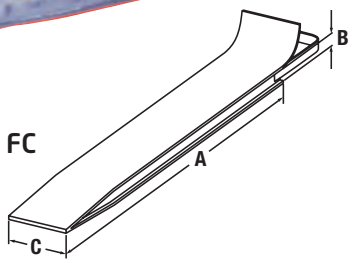
Fork Covers

Caldwell Fork Covers are specifically designed to protect loads which cannot be marred or scratched. Made from durable nylon webbing, these covers are economical and long lasting.

Model Number (Pair)	Fork Cover Dimensions (in.)		
	A	B	C
42-1 1/2-4	42	1-1/2	4
48-1 1/2-5	48	1-1/2	5
48-2-6	48	2	6
54-1 1/2-5	54	1-1/2	5
84-4-6	84	4	6



MODEL FC



Model PLB

Precision Lifting Boom

Quickly turns your fork lift into a portable crane.

Product Features:

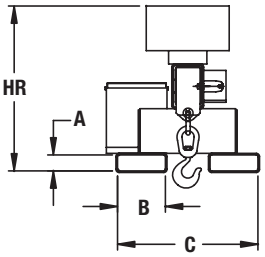
- Portable, compact and versatile lifting
- Fits standard fork lift truck
- Hook travels approximately 20’
- Adjusts both horizontally and vertically
- Restraining chain with grab hooks
- Completely self contained 12Volt DC power supply
- 100 AMP Hour Battery with charger
- Easy to use toggle button control with standard 12’ cord
- Hoist hook speed averages 7.5 FPM

WARNING

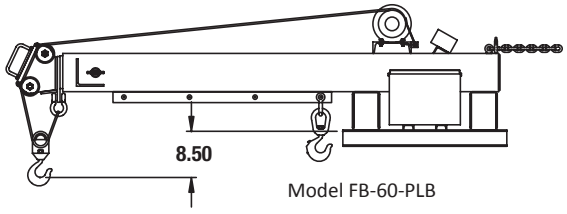
Capacity of lift truck and attachment combination may be less than capacity shown on attachment. Consult lift truck manufacturer.



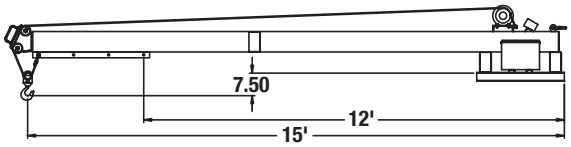
MODEL PLB



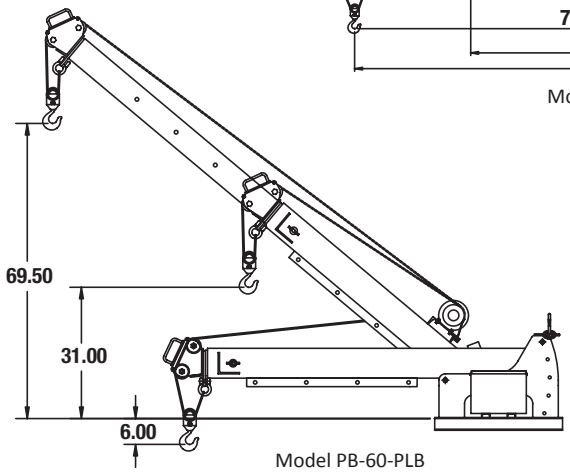
Fork Pocket Configuration
All Models



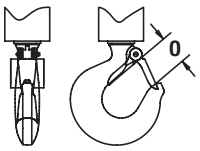
Model FB-60-PLB



Model EFB-25-PLB



Model PB-60-PLB



Hook All Models

NOTE: All dimensions on drawings shown in Inches unless stated.

Model Number	Dimensions (in.)					Maximum Capacity (lbs.)		Weight (lbs.)
						Boom Hook	Lifting Hook	
	A	B	C	HR	O	3’-6’	7’-12’	
FB-60-PLB	2.50	7.50	22.50	26.00	1.36	6000	2400	590
PB-60-PLB	2.50	7.50	22.50	28.25	1.36	6000	2400	620

Model Number	Dimensions (in.)					Maximum Capacity (lbs.)				
						Boom Hook			Lifting Hook	Weight
	A	B	C	HR	O	12’	13’	14’	15’	(lbs.)
EFB-25-PLB	2.50	7.50	41.75	26.00	1.00	2500	2300	2100	2000	865

Make Your Life Easier

Order or check pricing and availability online!

The Caldwell Distributor Portal is ready for you! Save time with this handy online tool.

Ask your Caldwell rep for details!





Real Time Test

Starting with a fully charged battery, the Precision lifting Boom lifts and lowers a 1,000-pound load from an eight-foot steel pit forty times. The battery charges in four to five hours with the supplied charger.

Terms & Conditions

Where referred to herein, it shall be understood that the following terminology applies: Seller is The Caldwell Group, Inc., and Buyer is the person or entity acquiring the goods or services described in the quotation.

1. ACCEPTANCE
Any Purchase Order received from a Buyer shall not result in a contract until it is approved and accepted by an authorized manager of Seller at the offices of The Caldwell Group, Inc., Rockford, Illinois.

2. CONDITIONS OF SALE
All orders shall be subject to the Terms and Conditions of Sale set forth herein, and none of these terms and conditions may be added to, modified, or otherwise altered except by a written instrument signed by an authorized executive of Seller. Failure of Seller to object to any terms or conditions that may be contained in any acceptance, purchase order or other form of Buyer shall not be construed as a waiver of these conditions nor an acceptance of any such provision.

3. PRICES
The price quoted may be increased to the extent that Seller's cost of the products sold hereunder may be increased as a result of (1) any agreements, codes, or legislative enactments made or enacted in pursuance or federal, state of municipal legislation; and (2) taxes or other charges imposed by governmental authority upon the production or sale of such products or of materials used in the manufacture thereof. If Buyer is unwilling to accept any such increase as computed by Seller, Buyer shall have the right to cancel this agreement on the terms set forth in paragraph 8.

4. TAXES
The amount of the present or future sales, revenue, excise, occupation, use or other taxes applicable to this transaction shall be added to the purchase price herein stated and shall be paid or reimbursed by Buyer, unless it is indicated that the price includes the tax, or the tax is shown as a separate item, or the sale is a resale exemption.

5. DELIVERY
Delivery terms are F.O.B. Seller's plant, Rockford, Illinois. Buyer shall assume all risk of loss or damage upon delivery to the carrier at the point of shipment. Dates of delivery are determined from the date of Seller's acceptance of any order or orders by Buyer and are estimates of approximate dates of delivery, not a guaranty of a particular day of delivery. Seller shall not be liable for failure or delay in shipping goods hereunder if such failure or delay is due to an act of God, war, acts of Government, labor difficulties, accident, inability to obtain materials or supplies, or any other causes of any kind whatever beyond the control of Seller.

6. CREDIT APPROVAL
Shipments, deliveries and performance of work shall at all times be subject to the approval of and the requirements of the Credit Department of Seller, including the requirement that Buyer pay part or all of the purchase price in advance.

7. TERMS OF PAYMENT
Payments are to be made in United States funds, unless otherwise stipulated. Subject to the provision of Credit Approval above, terms of payment shall be NET 30 days and shall be effective from date of invoice. Should any invoice not be paid when due, Buyer shall be liable to Seller for a finance charge equal to 18% per annum on the outstanding balance until paid in full. Engineering and/or other special charges, when invoiced separately, shall be payable upon the terms stipulated.

8. CANCELLATION
Orders accepted by Seller are subject to cancellation by Buyer only upon the consent of Seller. Upon such cancellation and consent, Seller shall cease work and hold for Buyer all completed and partially completed articles and work in process and Buyer shall pay Seller for all engineering work and materials that have been committed and/or identified to the order plus a cancellation charge as prescribed by Seller.

9. PATENT INFRINGEMENT
No liability will be assumed by Seller for the infringement of any patent rights asserted because of the nature, structure or use of any products ordered by Buyer, and Buyer shall indemnify and hold Seller harmless from all claims for loss or damage, and from all court costs, attorney's fees and other expenses paid or incurred by or imposed upon Seller in connection with the defense of any action brought against Seller by reason of Seller's performance of any order. Upon request by Seller, Buyer will undertake at Buyer's own cost and expense to defend any such action which may be brought against Seller.

10. WARRANTY APPLICABLE TO NEW PRODUCT FABRICATIONS AND INSTALLATIONS
Seller warrants that its new product fabrications and installations shall be free from defects in material and/or workmanship for the Warranty Period defined in Section 10.A. The warranty extends only to the material and/or workmanship performed by Seller in its fabrication and/or assembling of the finished product for new product installations. This "warranty applicable to new product fabrications and installations" does not include or cover any new components provided for existing products that are being serviced, maintained and repaired.

A. The Warranty Period for new product fabrications and installations is two (2) years from the date of delivery of the new product.

B. The warranty created herein is subject to strict compliance with each of the following CONDITIONS.
1. This warranty covers defects in material and/or workmanship in the fabrication and assembly of the new product.
2. In some instances, components used in a product carry warranties from their original manufacturers. Seller may assign its rights in those warranties to the original purchaser of the products. Buyer should consult with Seller to determine which components may be covered by such warranties.
3. Any defect must become apparent within the applicable Warranty Period.
4. Buyer must give Seller written notice of any defect within the Warranty Period via certified mail, return receipt requested. Buyer should receive notification from Seller that notice was received within 30 days. If receipt notification is not received by Buyer, it is Buyer's responsibility to resend notification.
5. Seller will send instructions for processing of warranty which may include Buyer providing electronic images of product and indicated defects; forwarding product to an authorized repair facility for inspection and or repair with a return authorization number at Seller's sole expense; or scheduling and onsite inspection of the product by authorized repair personnel.
6. The product under warranty must have the original nameplate attached to the unit for positive identification.
7. The warranties provided herein are non-transferable.

C. If each of the above CONDITIONS are met, Seller will make all necessary repairs to cure any defective material and/or workmanship in said assembled product or at Seller's sole discretion replace said product or refund the purchase price. These repairs shall be made as soon as is reasonably possible. No allowance shall be made to Buyer for loss of use during the time necessary for repairs. In no event shall the warranty be held to include or cover any incidental,

Terms & Conditions Continued

indirect, special or consequential damages. Any repaired or replaced product that is provided under this warranty shall be covered by the terms of the same warranty on a pro-rated time basis, which reduces the remaining warranty period by the amount of time the original product was in service.

D. The following EXCLUSIONS are not covered by this warranty:
1. Damages due to neglect by Buyer.
2. Damages due to lack of proper maintenance or to misuse by Buyer. This warranty shall be voided due to unauthorized repairs or replacement parts.
3. Damages due to act of God or other unforeseen accident or cause beyond the control of Seller.

11. WARRANTY APPLICABLE TO REPAIR SERVICES
Seller warrants that its material and/or workmanship in providing repair services shall be free from defects for the Warranty Period defined in Section 11.A.

A. The Warranty Period for all service work is ninety (90) days from the date services are provided.

B. The warranty created herein is subject to strict compliance with each of the following CONDITIONS.
1. This warranty covers defects in material and/or workmanship in providing repair services for existing products.
2. Any defect in the services must become apparent within the applicable Warranty Period.
3. Buyer must give Seller written notice of any defect in the services within the Warranty Period via certified mail, return receipt requested. Buyer should receive notification from Seller that notice was received within 30 days. If receipt notification is not received by Buyer, it is Buyer's responsibility to resend notification.
4. Seller will send instructions for processing of warranty which may include Buyer providing electronic images of the repaired product and indicated defects in the services, or scheduling and onsite inspection of the product by authorized repair personnel.
5. The warranties provided herein are non-transferable.

C. If each of the above CONDITIONS are met, Seller will provide all necessary services to cure any defective material and/or workmanship in said service work. These services shall be provided as soon as is reasonably possible. No allowance shall be made to Buyer for loss of use during the time necessary for repairs. In no event shall the warranty be held to include or cover any incidental, indirect, special or consequential damages.

D. The following EXCLUSIONS are not covered by this warranty:
1. Damages due to neglect by Buyer.
2. Damages due to lack of proper maintenance or to misuse by Buyer. This warranty shall be voided due to unauthorized repairs or replacement parts.
3. Damages due to act of God or other unforeseen accident or cause beyond the control of Seller.
4. Service work performed by Seller on any equipment that was not originally fabricated and installed by Seller.

12. WARRANTY DISCLAIMER.
THE EXPRESS WARRANTIES STATED ABOVE ARE IN LIEU OF ALL OTHER WARRANTIES (EXCEPT OF TITLE), EXPRESS OR IMPLIED, AND ALL OTHER WARRANTIES ARE EXPRESSLY DISCLAIMED, INCLUDING WITHOUT LIMITATION ANY WARRANTIES OF MERCHANTABLILITY OR FITNESS FOR A PARTICULAR PURPOSE. WITHOUT LIMITING THE GENERALITY OF THE FOREGOING, BUYER IS SOLELY RESPONSIBLE FOR EVALUATING THE FITNESS OF THE PRODUCTS FOR THEIR INTENDED USE, INCLUDING WITHOUT LIMITATION ensurING THE integrity of BUYER'S INTENDED load with THE product being provided (i.e., DETERMINING THAT THE load is sound and capable of supporting itself AND IS able to withstand grip pressure).

13. LIMITATION OF LIABILITY
BUYER'S SOLE REMEDY FOR LIABILITY OF ANY KIND WITH RESPECT TO THE PRODUCTS OR SERVICES FURNISHED BY SELLER TO BUYER AND ANY OTHER PERFORMANCE BY SELLER, OR WITH RESPECT TO BUYER'S USE THEREOF, INCLUDING NEGLIGENCE, SHALL BE LIMITED TO THE REMEDY PROVIDED IN THIS LIMITED WARRANTY AND SHALL IN NO EVENT INCLUDE ANY INCIDENTAL, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES OR LOSS OF USE, REVENUE OR PROFIT. IN NO EVENT SHALL SELLER'S LIABILITY FOR DAMAGES WITH RESPECT TO ANY OF THE PRODUCTS OR SERVICES FURNISHED EXCEED THE CHARGES PREVIOUSLY PAID BY BUYER TO SELLER FOR SUCH PRODUCTS OR SERVICES.

14. GOVERNMENT REGULATIONS
Seller hereby certifies that any goods produced pursuant to this order will be produced in compliance with all applicable requirements of the Fair Labor Standards Act, as amended, and of any regulations and orders of the United States Department of Labor issued thereunder.

15. CHOICE OF LAW AND JURISDICTION
Any agreement arising out of this transaction shall be deemed to have been made in Rockford, Winnebago County, Illinois. If acceptance occurs in Rockford, Illinois, the parties agree that the validity, interpretation and performance of any agreement arising out of this transaction shall be governed by the law of the State of Illinois and of the United States of America. The parties hereto hereby submit to the jurisdiction of the Circuit Court of the Seventeenth Judicial Circuit, Winnebago County, Rockford, Illinois, as the sole and exclusive jurisdiction and venue for the purpose of adjudication of all their respective rights and liabilities hereunder.

16. STORAGE, PACKING, SPECIAL SERVICES
Unless otherwise expressly provided, this quotation does not include performance by Seller of any storage, packing, or cartage service. Special painting, or similar processes including storage, shall be in addition to the price.

17. DEFAULT
In the case of default or breach of Buyer in the performance of any or all of the provisions of any agreement arising out of this transaction, Seller may cancel any outstanding order from Buyer and declare all obligations immediately due and payable, and shall in addition have all the remedies afforded under the Uniform Commercial Code and any other applicable law. Buyer shall in addition be liable for Seller's expenses incurred in exercising any remedies available to it, including reasonable attorney's fees and legal expenses. All unpaid obligations shall bear interest at the contract rate.

18. DEFERRED DELIVERIES
If Buyer requests deferral of deliveries, Seller's agreement to deferred delivery shall not excuse Buyer from his obligation to pay for the goods at the same times and in the same quantities as the original delivery schedule, including interest due pursuant to these terms and conditions. In addition to adhering to the original payment schedule, Buyer shall pay such storage charges as Seller may assess for storing the goods awaiting delivery. If Buyer requests deferral prior to commencement of production, Seller may require progress payments in connection with expenses for materials or services incurred by Seller in anticipation of production.



For quotes, questions, or orders, call Customer Service at 800.628.4263, Monday-Friday, 8 a.m. to 5 p.m. CT.

ASME Standards

B30.20, B30.9 & OTHER STANDARDS

The information provided on the following pages is a summary interpretation of the applicable ASME standards. Should you need additional clarification as to how the ASME standards affect your specific application and your lifting device, contact our application specialists or visit the ASME website at www.asme.org.

Various industry standards govern the design and use of Caldwell lifting equipment. Caldwell lifting equipment is designed in accordance with these standards. Specifically, the following standards apply to Caldwell's product lines:

Product Line	Industry Standard
Strong-Bac® BTH Lifters	ASME B30.9, B30.20, BTH-1
Dura-Lite™ Composite Beams	ASME B30.20, BTH-1
Mill Duty Lifters	ASME B30.20, BTH-1
Posi-Turner® Load Rotators	ASME B30.9, B30.20, BTH-1
Univac® Vacuum Lifters	ASME B30.20, BTH-1
Rig-Release® Remote Releasing LIfters	ASME B30.9, B30.20, BTH-1
Rig-Master® Rigging Attachments	ASME B30.9, B30.20, BTH-1
Lif-Truck™ Fork Truck Accessories	ASME B56.1, B56.11.4, OSHA 1910.178(4)
Krane-King® Jib & Gantry Cranes	AISC CMAA 70, OSHA 1910
Caldwell® Slings & Tie Downs	ASME B30.9, OSHA 1910.184

KEY ASME STANDARDS

Design of Below-the-Hook Lifting Devices (BTH-1)

ASME BTH-1 designates design criteria for below-the-hook lifting devices (ASME B30.20) and serves as a guide to designers, manufacturers, purchasers, and users of these types of lifters.

All below-the-hook lifting devices shall be designed for specific rated loads and load stresses as they affect the components of the lifting device.

A design category and service class shall be designated and marked on the lifters and all quotations, drawings, and other documents relating to the lifter.

Design Category B should be designated when the conditions of the lift are not always defined or predictable, or when load conditions could be severe.

FOR MORE ASME STANDARDS INFORMATION

Go to the ASME web site to read the full codes and standards or to purchase a copy of them for your own use. www.ASME.org

Design factors for Design Category B lifting devices shall not be less than 3.00 for limit states of yielding or buckling.

Service Class is the specified fatigue life of the lifter.

- Service Class 0 is 0 – 20,000 load cycles
- Service Class 1 is 20,001 – 100,000 load cycles
- Service Class 2 is 100,001 – 500,000 load cycles
- Service Class 3 is 500,001 – 2,000,000 load cycles
- Service Class 4 is over 2,000,000 load cycles

Cycles per Day	Desired Life (Years)				
	1	5	10	20	30
5	0	0	0	1	1
10	0	0	1	1	2
25	0	1	1	2	2
50	0	1	2	2	3
100	1	2	2	3	3
200	1	2	3	3	4
300	2	3	3	4	4
750	2	3	4	4	4
1000	2	3	4	4	4

Definitions: Should = a recommended procedure;
Shall = a required procedure.

ASME Standards

Lifting Slings (B30.9)

DESIGN FACTOR:
Lifting Slings shall be designed in accordance with the specific chapter in ASME B30.9 pertaining to that style sling.

CONSTRUCTION:

- Synthetic Slings shall be manufactured to comply with WSTDA WB1 and (when applicable) with fittings that are at least equal in strength to that of the synthetic sling.
- Wire Rope Slings shall only be constructed out of new wire rope that complies with ASTM A 1023-02 and ASTM A 586.
- Alloy steel chain slings shall be manufactured to comply with ASTM A906/A906M standards.
- Metal Mesh slings shall be manufactured to comply with ASME B30.9 with fittings that are at least equal in strength to that of the metal mesh.
- Sharp edges shall be removed from all sling and fitting surfaces.

MARKING:
Caldwell lifting slings shall be marked with, at a minimum, the following information:

- ✓ name or trademark of manufacturer
- ✓ manufacturer's model or identification number
- ✓ rated loads for the sling, including information on various hitch configurations and the corresponding angle.
- ✓ type or size of material

LOAD TEST:
Before use, all repaired or reworked synthetic web slings shall be load tested and inspected. Proof testing of new synthetic web slings is not required.

Before use, all repaired or refurbished wire rope slings shall be tested. Testing requirements of new slings are based off the sling construction; consult the sling manufacturer or ASME B30.9 for details.

Before use, all new and repaired chain and components of an alloy steel chain sling, either individually or as an assembly, shall be proof tested.

Before use, all new and repaired metal mesh slings shall be proof tested.

Definitions: Should = a recommended procedure;
Shall = a required procedure.

Structural and Mechanical Lifting Devices (B30.20)

DESIGN FACTOR:
Structural and mechanical lifting devices shall be designed according to ASME BTH-1, Design Category B, taking into consideration the load, including the weight of the lifting device. The design service class is determined by the expected fatigue life of a lifter based on the number of load cycles.

FABRICATION:

- All welding shall comply with ANSI / AWS D14.1 and ASME BTH-1.
- Guards should be provided for exposed moving parts.
- Electrical equipment and wiring shall comply with ANSI / NFPA 70 and ASME BTH-1.
- Contact The Caldwell Group for information on modifications or repairs to maintain compliance with ASME standards.

MARKING:

- The rated capacity shall be marked on the lifting device.
- Caldwell lifting devices shall be marked with the following information:
  - ✓ manufacturer's name and address
  - ✓ serial number
  - ✓ lifter weight, if over 100 lbs. (45 kg)
  - ✓ cold current (amps) (when applicable)
  - ✓ rated voltage (when applicable)
  - ✓ rated load
  - ✓ ASME BTH-1 Design Category
  - ✓ ASME BTH-1 Service Class

- Product Safety Labels.
  - ✓ Where possible, all lifting devices shall have labels that include the appropriate signal word, according to ANSI Z535, including the proper cautionary notice to operators against improper use.
  - ✓ When it is not possible to include the above, a label shall be affixed, referring user to the manufacturer's instruction manual for product safety information.

LOAD TEST:
Before use, a new, altered, modified or repaired lifting device should be load tested and inspected. Contact the manufacturer for information regarding the appropriate test load for the lifting device.

Definitions: Should = a recommended procedure;
Shall = a required procedure.

ASME Standards

Vacuum Lifting Devices (B30.20)

CONSTRUCTION:

- Vacuum Pad Rating. The ultimate pad capacity (UPC) shall be determined by the following formulas:
  Inch-Pound Method UPC = A (Hg / 2)
  where
  A = effective area of the vacuum pad, expressed in square inches, enclosed between the pad and the material when the pad is fully compressed against the material surface to be lifted.
  Hg = system vacuum expressed in inches of mercury. Reductions for altitude, efficiency, consistency, and wear of vacuum source shall be considered.
  2 = constant divisor
- Electrical equipment and wiring shall comply with ANSI / NFPA 70 and ASME BTH-1.
- The UPC / rated load shall be a minimum of 2 to 1 for horizontal surface lifts.
- The UPC / rated load shall be a minimum of 4 to 1 for vertical surface lifts.
- These requirements are for clean, flat, dry, non-porous material. Contact the manufacturer for other surface types.
- There shall be a vacuum reserve of sufficient size to prevent the vacuum level from decreasing more than 10% in 4 minutes without power to the vacuum generator.
- Vacuum lifting devices shall be designed according to ASME BTH-1, Design Category B, taking into consideration the load, including the weight of the lifting device. The Service Class of the lifter shall be determined by the number of load cycles required.
- All welding shall comply with ANSI / AWS D14.1 and ASME BTH-1.

FOR MORE ASME STANDARDS INFORMATION
Go to the ASME web site to read the full codes and standards or to purchase a copy of them for your own use. www.ASME.org

MARKING:

- The rated capacity, maximum width, maximum length, and minimum thickness of the load shall be marked on the lifting device. If the vacuum lifting device has shutoff valves on individual pads or groups of pads, the rated load of each pad shall also be marked. The rated capacity of pads or groups of pads with isolation values shall be labeled individually.
- Caldwell vacuum lifting devices shall be marked with the following information:
  - ✓ manufacturer's name and address
  - ✓ model number
  - ✓ serial number
  - ✓ vacuum lifting device weight
  - ✓ electrical power requirements (when applicable)
  - ✓ pressure and volume of compressed air (when applicable)
  - ✓ rated load
  - ✓ ASME BTH-1 Design Category
  - ✓ ASME BTH-1 Service Class
- Product Safety Labels.
  - ✓ Where possible, all lifting devices shall have labels that include the appropriate signal word, according to ANSI Z535, including the proper cautionary notice to operators against improper use.
  - ✓ When it is not possible to include the above, a label shall be affixed, referring user to the manufacturer's instruction manual for product safety information.
  - ✓ Isolation valves shall be marked to show proper operating positions.

LOAD TEST:

Before use, a new, altered, modified or repaired vacuum lifting device shall be load tested and inspected. Contact the manufacturer for information regarding the appropriate test load for the lifting device.

Definitions: Should = a recommended procedure;
Shall = a required procedure.

From Installation to Load Handling, Understand Your BTH Equipment

Caldwell Lifting Equipment has been designed for specific tasks to withstand the particular forces imposed. Guidelines for installation, inspection, maintenance and repair, safe operation and operator training of these lifters follow (product specific information will be sent with each product):

INSTALLATION

Lifting equipment shall be assembled and installed in accordance with the manufacturer's instructions, unless other specific arrangements have been approved in writing by manufacturer. When lifter/auxiliary power supply is required, user inspection shall ensure that the power source complies with ANSI/NFPA 70, National Electrical Code and shall include a power disconnect switch as required in accordance with ANSI/NFPA 70 based on the lifters requirements. If electrical connections are made, the power supply and corresponding power disconnects shall be connected to the line side (power supply side) of the crane disconnect or to an independent circuit as specified in the manufacturer's operating instructions. Check for correct rotation of all pumps and power units, lubrication of moving parts, and filling of reservoirs, all in accordance with manufacturer's instructions.

OPERATOR TRAINING

Lifters shall be operated in accordance with manufacturer's instruction manual, and by personnel who have received instructions described in the "Operating Practices" section of these guidelines. Training shall also include instruction regarding:

1. Details of the lifting cycle.
2. Application of the lifter to the load including (according to the manufacturer's instructions) adjustments to the lifter, if any, to adapt it to various sizes and kinds of loads.
3. Instruction in any special operations or precautions that may be required.
4. Recognition of proper load configuration. For example, preferred operation requires an orderly pattern of stacking.
5. Before assuming responsibility for using the lifter, an operator shall demonstrate his understanding of the lifting procedure to the instructor. The instructor should record notes of operator' demonstrated ability.

INSPECTION

The lifter shall be visually inspected by or under the direction of an appointed person on a daily or weekly schedule depending on the nature of the lifter and the severity of the service.

Details to look for include but are not limited to:

1. Structural deformation.
2. Cracks in the structural frame, welds, hoist hook attachment points, mechanically operating parts, any attached slings, clevises and hooks.
3. Malfunctions during operation of a mechanically operating lifter.
4. Loose covers, fasteners and stops.
5. Faulty operation of automatic hold and release mechanisms.
6. Wear of hoist hooking points, load supporting clevises, pins, slings, linkages and mechanical parts.
7. Missing nameplates and markings. Contact Caldwell for replacements.

MAINTENANCE AND REPAIRS

1. A preventive maintenance program should be established for each lifter by a qualified person based on recommendations made by its manufacturer.
2. A qualified person shall have responsibility for repairs. Dated records and details of repairs and parts replacement should be carefully maintained by a qualified person, and copies kept in your possession.
3. Replacement parts shall be at least equivalent to the original manufacturer's specifications.

OPERATING PRACTICES

DO'S

1. The operator shall receive, read and understand the manufacturer's instruction manual.
2. The operator shall watch carefully that the lifter is performing properly during the lifting procedure.
3. The operator shall know the standard crane hand signals.
4. The operator shall only respond to signals from an appointed person. However, stop signals from anyone shall be obeyed.
5. The operator shall notify a designated person when he considers a load to be unsafe.
6. The operator shall observe the lifter before using. A defect observed shall be examined by a qualified person to determine if it is a hazard.

DON'TS

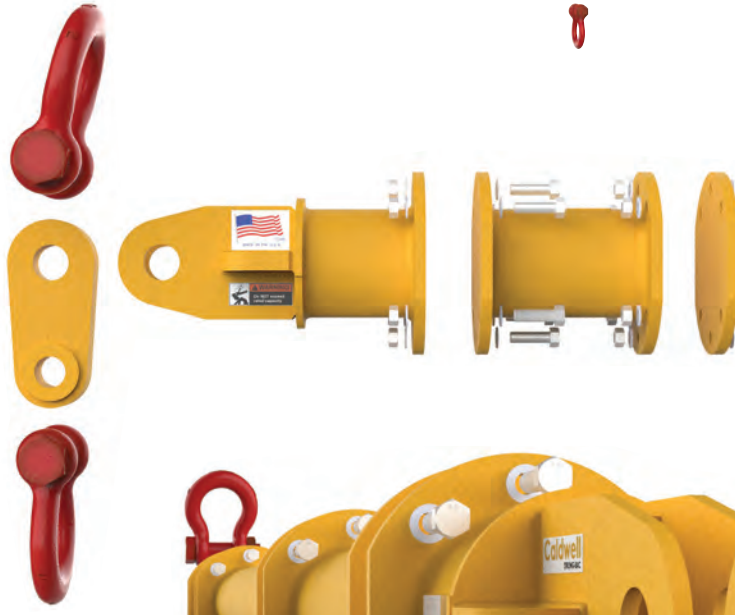
1. The operator shall not operate a malfunctioning lifter or one with an "out of service" tag attached.
2. The operator shall not use the lifter for any purpose(s) other than those designated by the manufacturer's instruction manual.
3. The operator shall not use a lifter when the capacity, weight or product safety labels are missing or are no longer legible.
4. No one shall make alterations or modifications to lifters without consulting the manufacturer.
5. No one shall obscure or paint over the manufacturer's capacity, weight, or product safety labels.
6. Loads shall not be lifted higher than necessary nor be left suspended unattended.
7. The lifter shall not lift a load that is not properly balanced for safe lifting.

HANDLING THE LOAD

1. The lifter shall not be loaded in excess of its rated load.
2. Ensure the load can withstand forces applied by the lifter.
3. The combined weight of the lifter and load shall not exceed the rated load of the crane or hoist.
4. The lifter shall be applied to the load in accordance with the manufacturer's recommended operating procedure.
5. Lifter ropes and chains shall not be kinked, and multiple part lines shall not be twisted about each other.
6. The lifter shall not touch obstructions during load movement.
7. The lifter shall not be loaded with loose material that might fall during movement.
8. The load or the lifter shall not be slid on the floor or other surface.
9. The operator or other personnel shall not place themselves or any part of their bodies beneath suspended loads.
10. The lifter shall not be used for loads for which it is not designed.
11. If suspended loads are moved manually, they shall be pushed, not pulled.
12. A preliminary lift of a few inches shall be made to establish that the load is stable.
13. All loads shall be accelerated and decelerated smoothly and slowly.

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See Dura-Mod Beams on pages 39-45

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Dura-Lite™ Non-Conductive Beams, pages 10-11, 27, 33



Dura-Mod® Configurable Lifter and Spreader Beams, pages 39-45



Rig-Release® Remote Releasing Hooks, pages 98-99

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