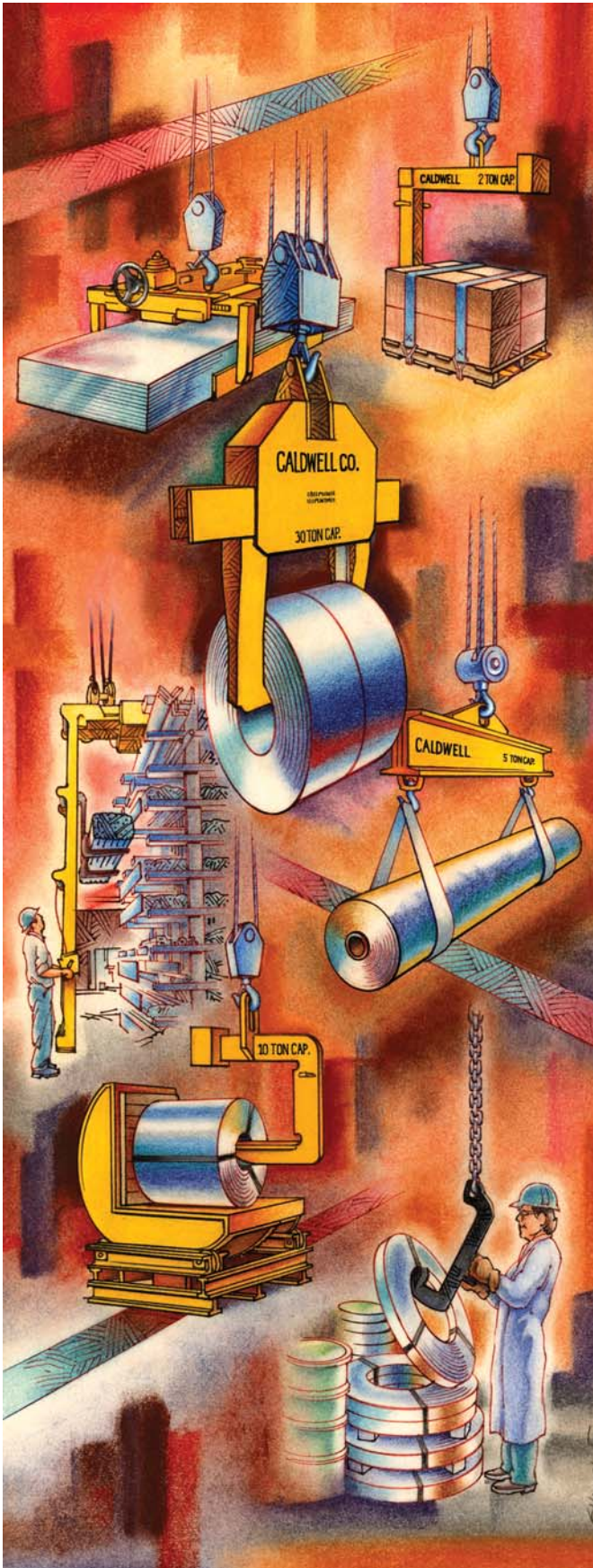


STRONG-BAC®

Below-the-Hook Lifters for Cranes & Hoists



Lifting Beams

Pages A.4 - A.22



Spreader Beams

Pages A.23 - A.31



Roll Lifters

Pages A.32 - A.36



Coil Lifters & Upenders

Pages A.37 - A.52



Sheet Lifters

Pages A.53 - A.59



Lifter LockOut™

Pages A.60 - A.61



Pallet Lifters

Pages A.62 - A.67



Rotating Crane Hooks

Pages A.68 - A.69



Material Handling

Pages A.70 - A.73



Lifting Tongs

Pages A.74 - A.80



Index to Strong-Bac® Below-the-Hook Lifters

LIFTING BEAMS
 SPREADER BEAMS
 ROLL LIFTERS
 COIL LIFTERS & UPENDERS
 SHEET LIFTERS
 LIFTER LOCKOUT™
 PALLET LIFTERS
 ROTATING CRANE HOOKS
 MATERIAL HANDLING
 LIFTING TONGS

Quality & Engineering A.3

Standard A.4 - A.7
 Low Headroom A.8 - A.11
 High-Capacity Lifting Beam ... A.12
 Heavy Duty Basket Beam A.13
 Adjustable Bail A.14 - A.15
 Posi-Leveler™ Beam ... A.16 - A.17

Bulk Container Beam A.18
 3 & 4 Point Pick-up A.18 - A.19
 Twin Hoist A.20
 Twin Hoist Rotating A.21
 Chlorine Cylinder A.21
 Application Evaluation A.22

Fixed A.23
 Adjustable A.24 - A.25
 High-Capacity A.26 - A.27
 Beam End Fitting - Pipe Coupler..A.28

4 Point Spreader Beam A.29
 Special System A.30
 Application Evaluation A.31

Beams A.32 - A.33
 Tongs A.34
 Grabs A.34
 Motorized A.34

C-Hook A.35
 Pallet A.35
 Positioner A.35
 Application Evaluation A.36

Narrow Coil A.37 - A.38
 C-Hooks A.39 - A.41
 Vertical "Eye" A.42 - A.44
 Two Sided A.45 - A.48

Parking Stands A.49
 Upenders A.50 - A.51
 Application Evaluation A.52

Plate Lifter A.53
 Heavy Duty A.54
 Motorized Heavy Duty A.55
 Hydraulic A.56

Small Bundle A.57
 Standard Duty A.57
 Battery Powered Sheet Lifter A.58
 Application Evaluation A.59

Lifter LockOut™ A.60 - A.61

Adjustable Load Lifter A.62
 Wheeled, Lightweight A.63
 Fixed Forks A.64
 Adjustable Forks A.65 - A.66
 Application Evaluation A.67

Rotating Crane Hooks A.68
 Application Evaluation A.69

Heavy Duty Material Stands A.70 - A.71
 Material Baskets A.72 - A.73

General Information A.74 - A.76, A.78
 Bale A.77
 Die Tongs A.79
 Application Evaluation A.80

Care & Use A.81

Lifting Beams



A.4 - A.22

Spreader Beams



A.23 - A.31

Roll Lifters



A.32 - A.36

Coil Lifters & Upenders



A.37 - A.52

Sheet Lifters



A.53 - A.59

Lifter LockOut™



A.60 - A.61

Pallet Lifters



A.62 - A.67

Rotating Crane Hooks



A.68 - A.69

Material Handling



A.74 - A.80

Lifting Tongs



Quality & Engineering

The Caldwell Group has been manufacturing lifting equipment since 1954. It is our goal to manufacture high quality, long lasting lifting products that will safely increase productivity and reduce operating costs.

Below-the-Hook Lifters are devices (excluding slings) that attach hoists to their loads. These lifters can be categorized into three types.

1. **Supporting** - carries the load on a bearing surface(s).
2. **Indentation** - grip force indents the sides of the load.
3. **Friction** - applies sufficient coefficient of friction to support the load.

Benefits your company will receive with a Caldwell Lifter:

- Increased productivity.
- Increased safety of an engineered product.
- Low costs maintenance.
- Reliability and durability for long lasting service.

All Caldwell lifters have:

- Identification nameplate.
- Rated capacities.
- Product Safety Labels.

Industry Standards

The American Society of Mechanical Engineers (ASME) has developed standards that apply specifically to the devices Caldwell designs. ASME B30.20 provides detailed information on the classifications, marking, construction, installation, inspection, testing, maintenance, and operation of below the hook lifting devices. ASME BTH-1 provides detailed information on the design criteria of below the hook lifting devices. ASME B30.9 provides detailed information on the fabrication, markings, usage, inspection, and maintenance of lifting slings. These standards serve as a guide to government authorities, manufacturers, purchasers and users of lifting devices. For a summary of these standards, please see pages 8-10 in the front section of this catalog or visit our web site at www.caldwellinc.com/standards.

Caldwell's Standard Quality Assurance program follows specific design criteria as required by ASME. If you would like your lifter proof tested and a test certificate issued, please specify at the time of order (there is a nominal charge).

Caldwell Delivery Programs

The Caldwell Group offers two quick delivery programs, INSTOCK and QUICKSHIP.

INSTOCK PROGRAM Look for the green INSTOCK logo on our standard products. The specific INSTOCK model number is shown in green. INSTOCK products ship in 48 hours (excluding weekends and holidays).

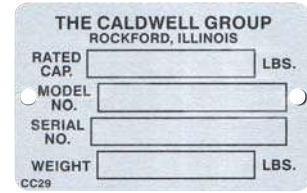
QUICKSHIP PROGRAM Look for the red QUICKSHIP logo on our standard products. The specific QUICKSHIP model number is shown in red. QUICKSHIP products ship in 7 to 10 days (excluding weekends and holidays).

Caldwell Service

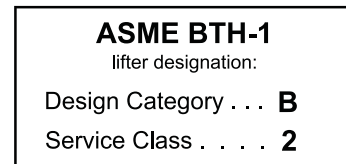
We offer solutions that will increase the productivity and effectiveness of your lifter, while ensuring the safety, reliability, and compliance of your equipment. Our services include: training & maintenance, inspection, repairs and modernizations. See pages 6-7 in the front of this catalog for more details.

DISCLAIMER:

All product designs are subject to change without notice. Products pictured in this catalog are a representation of a specific design. The product you purchase will be designed for your specific application and may not look exactly like the picture in this catalog.



I.D. Nameplate



BTH-1 Tag



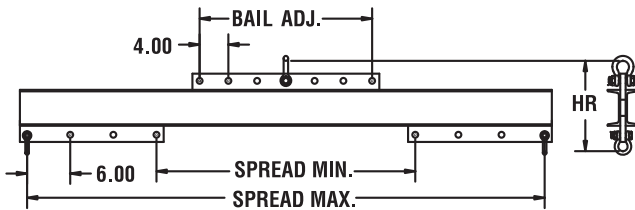
Product Safety Labels



Test Certificate

Lifting Beams

Model 16 - Adjustable Spreader/Lifting Beam



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

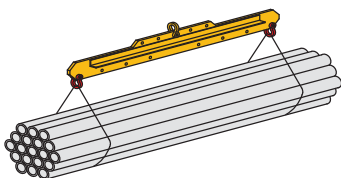
SPECIFICATIONS

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	10.00	1.5	1.5	100
16-1/2-8	1/2	96	48	32	10.00	1.5	1.5	135
16-1/2-10	1/2	120	60	40	10.00	1.5	1.5	145
16-1-6	1	72	36	24	10.00	1.5	1.5	100
16-1-8	1	96	48	32	11.00	1.5	1.5	140
16-1-10	1	120	60	40	11.00	1.5	1.5	175
16-2-6	2	72	36	24	12.50	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

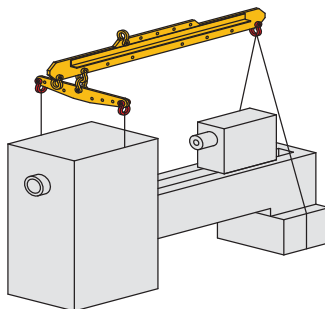
INSTOCK PROGRAM

QUICKSHIP PROGRAM

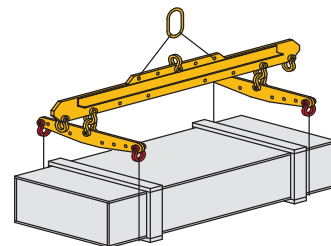
Operation



Standard
2 Point Lift



Custom
3 Point Lift



Custom
4 Point Lift

Lifting Beams

Model 17 - Adjustable Lifting Beam

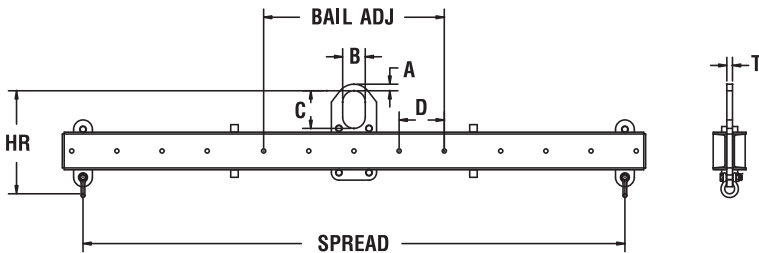


PRODUCT FEATURES:

- 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

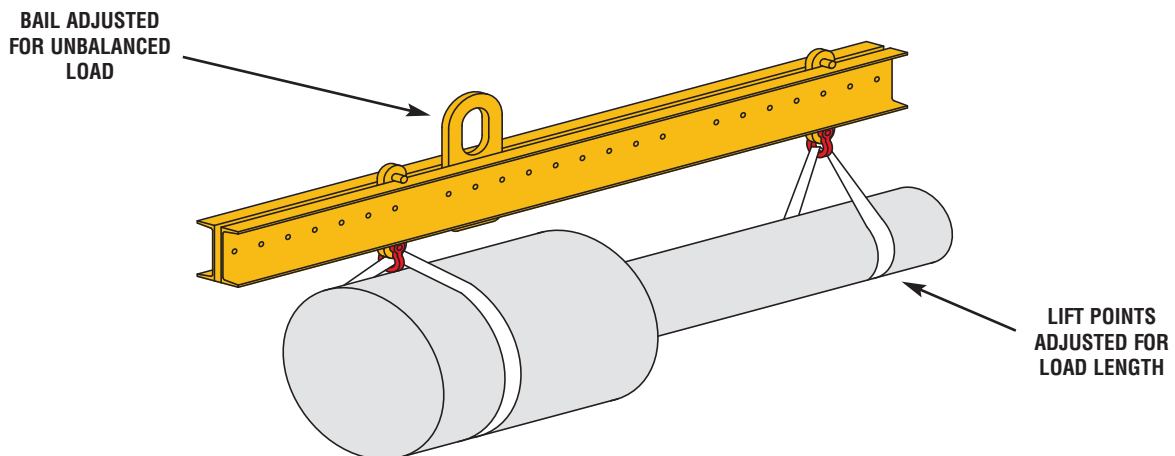


INSTOCK PROGRAM

SPECIFICATIONS

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	3	14.7	2	1 1/2	3	5	5/8	150
17-2-6	2	72	36	24	3	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

Operation

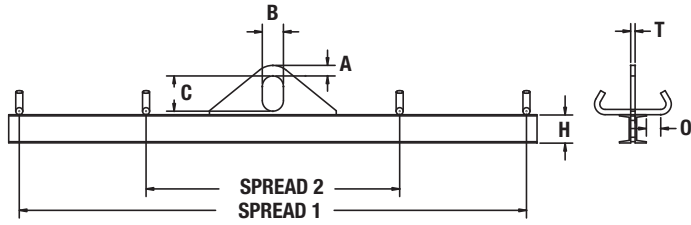


Lifting Beams

Model 18 - Fixed Twin Basket Sling Lifting Beam



QUICKSHIP PROGRAM



PRODUCT FEATURES:

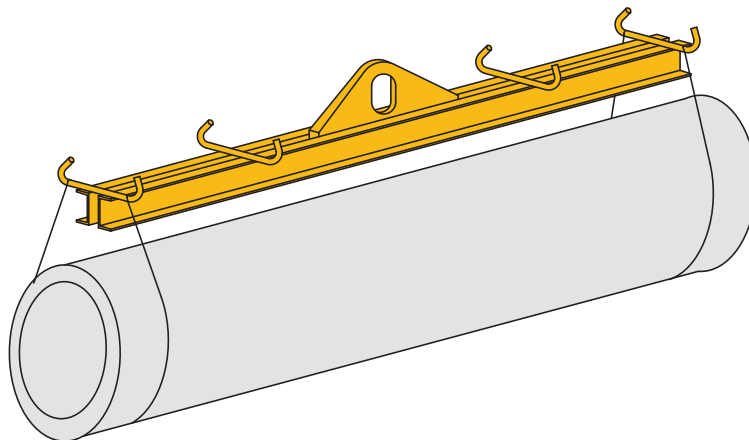
- Designed to be used with slings in a basket hitch.
- Provides greatest clearance in low headroom applications.
- Two sets of bent bar hooks are standard on units with a spread of 6' and greater.
- Spread 2 is 1/2 of spread 1.
- Hooks are designed to handle up to a 2" sling eye width.
- Complies with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

SPECIFICATIONS

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

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

Operation



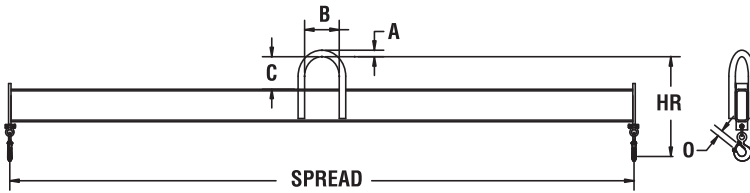
Lifting Beams

Model 19 - Fixed Spread Lifting Beam



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.

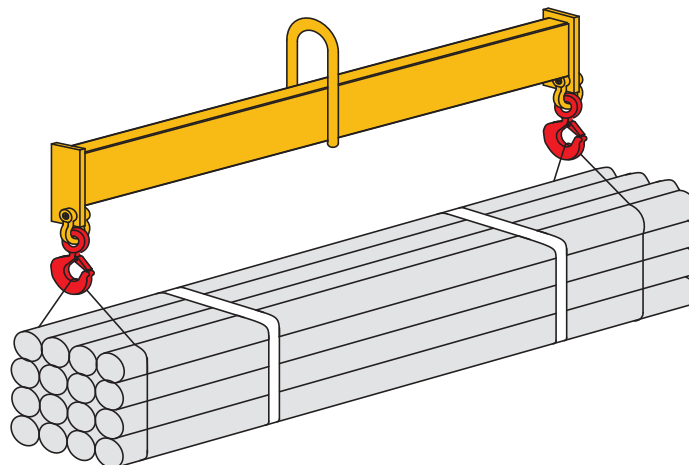


QUICKSHIP PROGRAM

SPECIFICATIONS

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

Operation



Lifting Beams

Model 20 - Low Headroom Multiple Spread Lifting Beam

Ideal where headroom is limited.



**QUICKSHIP
PROGRAM**

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')

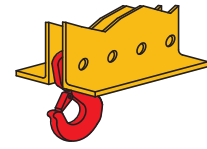
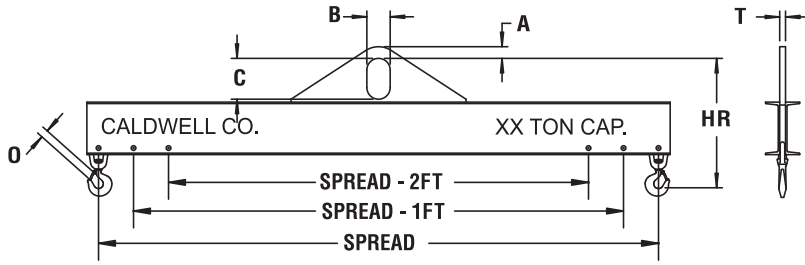
SPECIFICATIONS

Capacity (tons)	Model Number HR Headroom (in.) Weight (lbs.)	Outside Spread (feet)						
		3	4	6	8	10	12	
1/2	Model Number	20-1/2-3	20-1/2-4	20-1/2-6	20-1/2-8	20-1/2-10	20-1/2-12	
	HR Headroom	12-3/4	12-3/4	12-3/4	12-3/4	13-3/4	13-3/4	
	Weight	40	50	65	95	140	160	
1	Model Number	20-1-3	20-1-4	20-1-6	20-1-8	20-1-10	20-1-12	
	HR Headroom	12-3/4	12-3/4	13-3/4	13-3/4	14-3/4	15-3/4	
	Weight	40	50	85	115	165	230	
2	Model Number	20-2-3	20-2-4	20-2-6	20-2-8	20-2-10	20-2-12	
	HR Headroom	13-3/4	13-3/4	14-3/4	16-1/2	17-1/2	18-1/4	
	Weight	50	65	100	165	230	315	
3	Model Number	20-3-3	20-3-4	20-3-6	20-3-8	20-3-10	20-3-12	
	HR Headroom	15-1/4	15-1/4	16-1/4	17-1/4	18-1/4	22-1/2	
	Weight	70	80	140	200	275	415	
5	Model Number	20-5-3	20-5-4	20-5-6	20-5-8	20-5-10	20-5-12	
	HR Headroom	19-1/2	20-1/2	21-1/2	25-1/2	25-1/2	27-1/2	
	Weight	115	145	205	325	390	580	
7-1/2	Model Number	20-7 1/2-3	20-7 1/2-4	20-7 1/2-6	20-7 1/2-8	20-7 1/2-10	20-7 1/2-12	
	HR Headroom	22-1/2	23-1/2	25-1/4	27-1/4	27-1/4	30-1/4	
	Weight	135	170	265	415	500	910	
10	Model Number	20-10-3	20-10-4	20-10-6	20-10-8	20-10-10	20-10-12	
	HR Headroom	23-1/4	25-1/4	27-1/4	27-1/4	30-1/4	30-1/4	
	Weight	150	205	335	420	775	910	
15	Model Number	20-15-3	20-15-4	20-15-6	20-15-8	20-15-10	20-15-12	
	HR Headroom	28-1/2	30-1/2	30-1/2	33-1/2	33-1/2	40-1/4	
	Weight	215	295	375	685	820	1180	
20	Model Number	20-20-3	20-20-4	20-20-6	20-20-8	20-20-10	20-20-12	
	HR Headroom	38-3/4	38-3/4	38-3/4	38-3/4	41-1/2	41-1/2	
	Weight	370	435	575	710	1070	1235	
25	Model Number		20-25-4	20-25-6	20-25-8	20-25-10	20-25-12	
	HR Headroom		41-3/8	41-3/8	44-3/8	44-3/8	44-3/8	
	Weight		470	590	925	1100	1650	
30	Model Number		20-30-4	20-30-6	20-30-8			
	HR Headroom		45-1/2	45-1/2	48-1/4			
	Weight		525	660	1010			
40	Model Number		20-40-4	20-40-6				
	HR Headroom		44-3/4	47-3/4				
	Weight		600	930				

Other sizes available, consult factory.

Lifting Beams

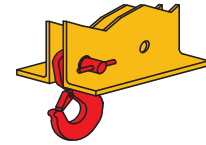
Recommend faspins (Option B) if frequent hook position changes (spread) are required.



OPTION A

Extra Holes or Different Placement of Holes

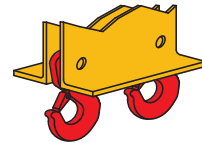
Allows multiple hook positioning beyond standard spreads. Specify number and spread(s) required.



OPTION B

Faspins

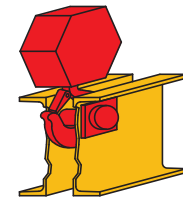
For ease of positioning hooks with quick release. Specify number required.



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

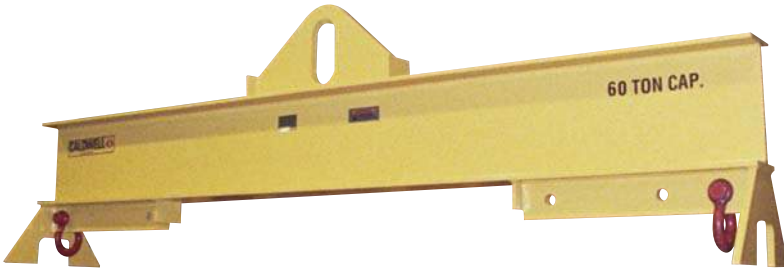
Lifting lug with shackle. (Headroom may change.)

SPECIFICATIONS

	Outside Spread (feet)						Other Dimensions (in.)	
	14	16	18	20	24	30		
	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
	20-1-14 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
	20-2-14 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
	20-3-14 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
	20-5-14 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 1/2-14 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
	20-10-14 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
	20-15-14 40-1/4 1385						A=2-1/2 B=5 C=9	T=1-1/2 O=2-1/16
See pages A.10 and A.11 for these capacities and sizes.							A=2-1/2 B=5 C=9	T=1-1/2 O=2-1/4
							A=3 B=6 C=12	T=1-3/4 O=2-1/4
							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

Lifting Beams

Model 20H - Low Headroom Multiple Spread Lifting Beam



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

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.
- Complies with ASME standards.

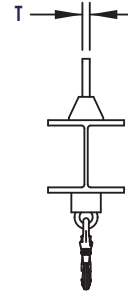
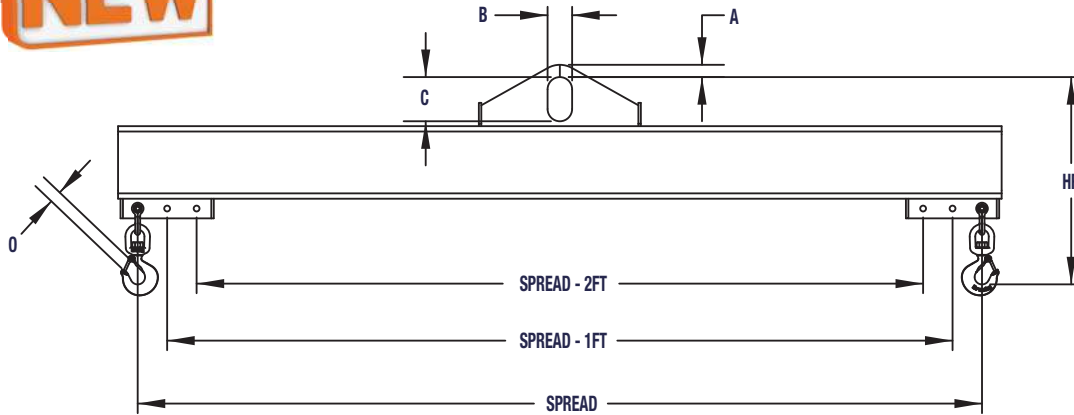
SPECIFICATIONS

Capacity (tons)	Model Number HR Headroom (in.) Weight (lbs.)	Outside Spread (feet)						
		8	10	12	14	16	18	
1	Model Number HR Headroom Weight							
2	Model Number HR Headroom Weight							
3	Model Number HR Headroom Weight	See pages A.8 and A.9 for these capacities and sizes.						
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					20H-15-16 41.50 1350	20H-15-18 41.75 1610	
20	Model Number HR Headroom Weight				20H-20-14 45.75 1210	20H-20-16 46 1510	20H-20-18 46.25 1885	
25	Model Number HR Headroom Weight				20H-25-14 55.75 1430	20H-25-16 55 1780	20H-25-18 56.75 2110	
30	Model Number HR Headroom Weight		20H-30-10 59.75 1150	20H-30-12 61.50 1395	20H-30-14 61.75 1695	20H-30-16 62 2050	20H-30-18 67.50 2380	
40	Model Number HR Headroom Weight	20H-40-8 71.50 1200	20H-40-10 72 1550	20H-40-12 72.25 1840	20H-40-14 72 2220	20H-40-16 74.75 2400	20H-40-18 75 3100	

Other sizes available, consult factory.

Lifting Beams

NEW



SPECIFICATIONS

Outside Spread (feet)							Other Dimensions (in.)	
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-15-20 42 1915	20H-15-24 41.50 2340	20H-15-30 42.25 4255	20H-15-34 42.25 4230	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-20-20 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-25-20 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-30-20 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-40-20 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	



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.



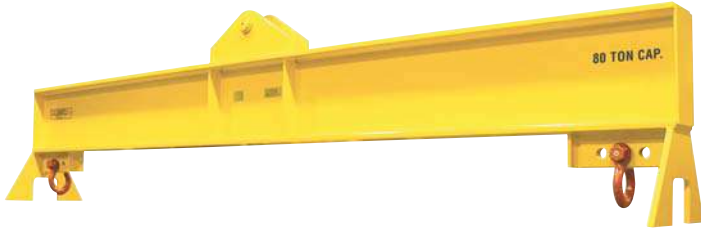
OPTION C

Built In stand

Keeps beam upright for easy crane hook attachment (pictured above).

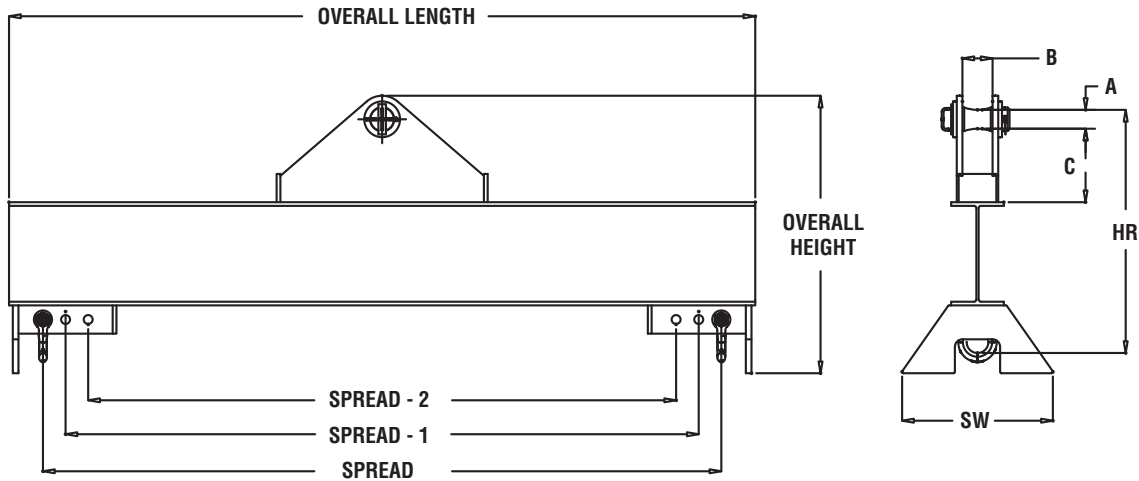
Lifting Beams

Model 20HC - High-Capacity Lifting Beams



PRODUCT FEATURES:

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



SPECIFICATIONS

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

Other sizes available, consult factory.

Lifting Beams

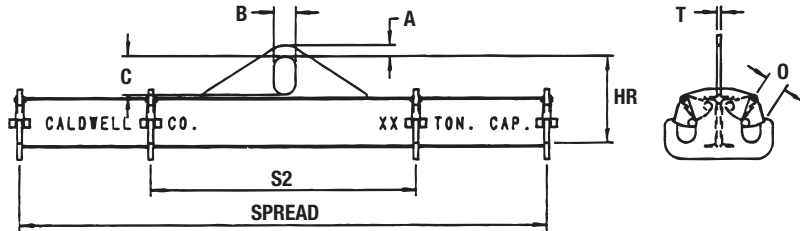
Model 22 - Heavy Duty Twin Basket Sling Lifting Beam



QUICKSHIP PROGRAM

PRODUCT FEATURES:

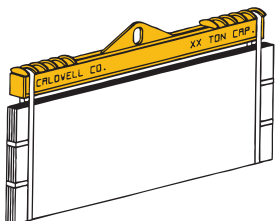
- Designed to be used with slings in a basket hitch.
- Specially designed hooks with hook latches minimize potential sling damage.
- Two sets of fixed hooks are standard in all lengths over 4'.
- The inner set of hooks (S2) are 1/2 the overall spread.
- Extra spreads available upon request.
- Complies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



SPECIFICATIONS

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

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.



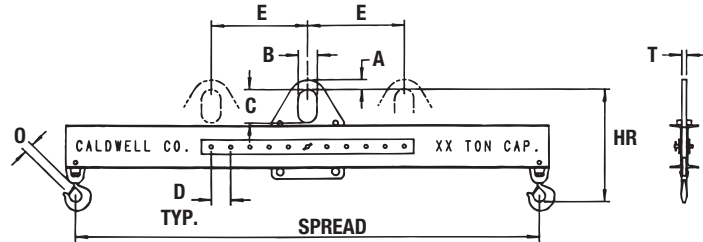
Lifting Beams

Model 24 - Adjustable Bail Lifting Beam



PRODUCT FEATURES:

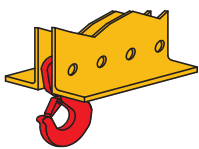
- Handles off center loads by adjusting the bail before a lift.
- Adjustable spread options available.
- Swivel hooks with hook latches standard.
- Wide range of sizes and capacities available.
- Complies with ASME standards.



SPECIFICATIONS

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

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

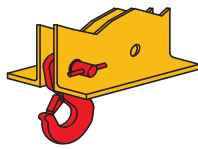


OPTION A*

EXTRA HOLES

Allows for multiple hook positioning. Specify number and spread(s) required.

*Could increase headroom.

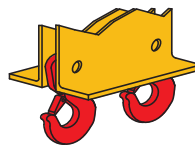


OPTION B

FASPINS

For ease of positioning hooks with quick release.

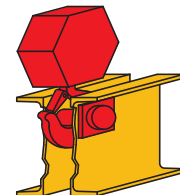
Specify number of faspins required.



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.)

Lifting Beams

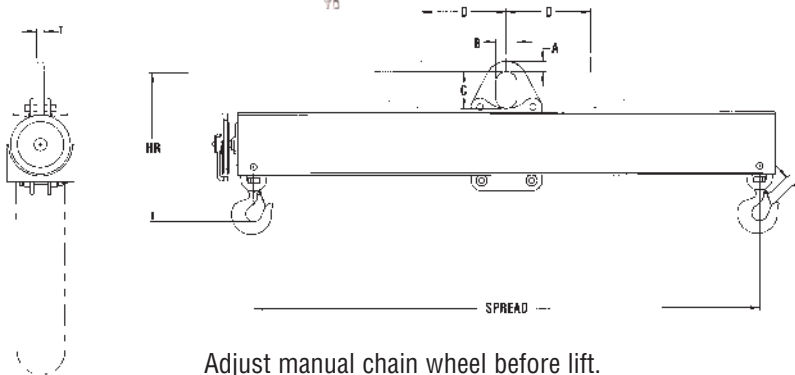
Model 26 - Load Leveler Lifting Beam



* 4' minimum length

PRODUCT FEATURES:

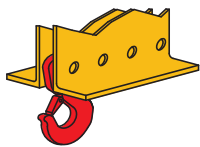
- Handles off center loads by adjusting the bail before a lift.
- Infinite adjustment of bail within range.
- Swivel hooks with hook latches standard.
- Wide range of sizes and capacities available.
- Complies with ASME standards.



Adjust manual chain wheel before lift.

SPECIFICATIONS (chain wheel model only)

Rated Capacity (tons)	Model Number HR Headroom (in.) Weight (lbs.)	Spread (feet)										Other Dimensions (in.)	
		4	6	8	10	12	14	16	18	20	24		
2	Model Number	26-2-4	26-2-6	26-2-8	26-2-10	26-2-12	26-2-14	26-2-16	26-2-18	26-2-20	26-2-24	A=1-1/2	T=5/8
	HR Headroom	15-1/8	15-1/8	16-1/8	17-1/8	17-1/8	18-1/8	18-1/8	19-1/8	19-1/8	20-1/8	B=3	O=1
	Weight	135	185	260	329	377	481	538	680	750	1265	C=5	
5	Model Number	26-5-4	26-5-6	26-5-8	26-5-10	26-5-12	26-5-14	26-5-16	26-5-18	26-5-20	26-5-24	A=2	T=1
	HR Headroom	21-1/2	21-1/2	23-1/2	23-1/2	25-1/2	25-1/2	25-1/2	28-1/2	28-1/2	28-1/2	B=4	O=1
	Weight	170	270	382	475	681	777	950	1455	1603	2345	C=7	
10	Model Number	26-10-4	26-10-6	26-10-8	26-10-10	26-10-12	26-10-14	26-10-16	26-10-18	26-10-20	26-10-24	A=2	T=1-1/4
	HR Headroom	25-3/4	28-3/4	28-3/4	31-3/4	31-3/4	31-3/4	31-3/4	34-3/4	34-3/4	34-3/4	B=4	O=1-3/4
	Weight	257	440	522	940	1094	1243	1388	1875	2056	2560	C=7	
15	Model Number	26-15-4	26-15-6	26-15-8	26-15-10	26-15-12	26-15-14	26-15-16				A=2-1/2	T=1-1/2
	HR Headroom	30-1/2	33-1/2	33-1/2	33-1/2	36-1/2	36-1/2	36-1/2				B=5	O=1-3/4
	Weight	376	565	622	972	1319	1418	1513				C=9	
20	Model Number	26-20-4	26-20-6	26-20-8	26-20-10	26-20-12						A=2-1/2	T=1-1/2
	HR Headroom	34	37	37	37	37						B=5	O=2
	Weight	445	798	900	1050	2250						C=9	
Bail Adjustment (in.)		D=8	D=12	D=16	D=20	D=24	D=28	D=32	D=36	D=40	D=48		

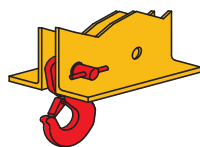


OPTION A

EXTRA HOLES

Allows for multiple hook positioning. Specify number and spread(s) required.

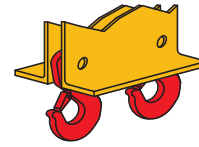
*Could increase headroom.



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.

MOTORIZED ADJUSTMENT Please see our Posi-Leveler™.

Lifting Beams

Model 26P - Posi-Leveler™ Motorized Load Leveling Beam



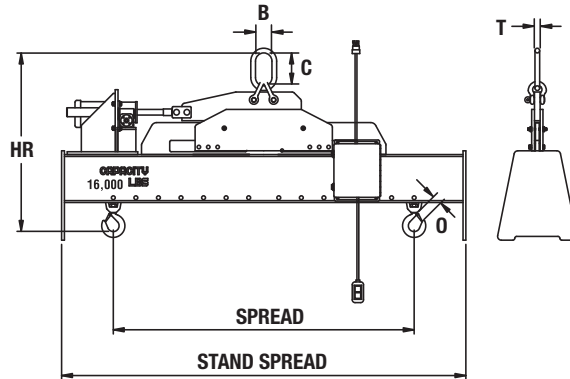
Show with special swivel bearing load hooks.

PRODUCT FEATURES:

- Motorized Posi-Leveler™ adjusts to the center of gravity during lift.
- Swivel hooks with hook latches are standard.
- Custom sizes are 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.
- Complies with ASME standards.

OPTIONS:

- Power Cord Reel
- Pendent Cord Reel
- Auto-Leveler™ see pages C.10 - C.11 for details.
- Remote Control Push-Button



SPECIFICATIONS

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

Lifting Beams

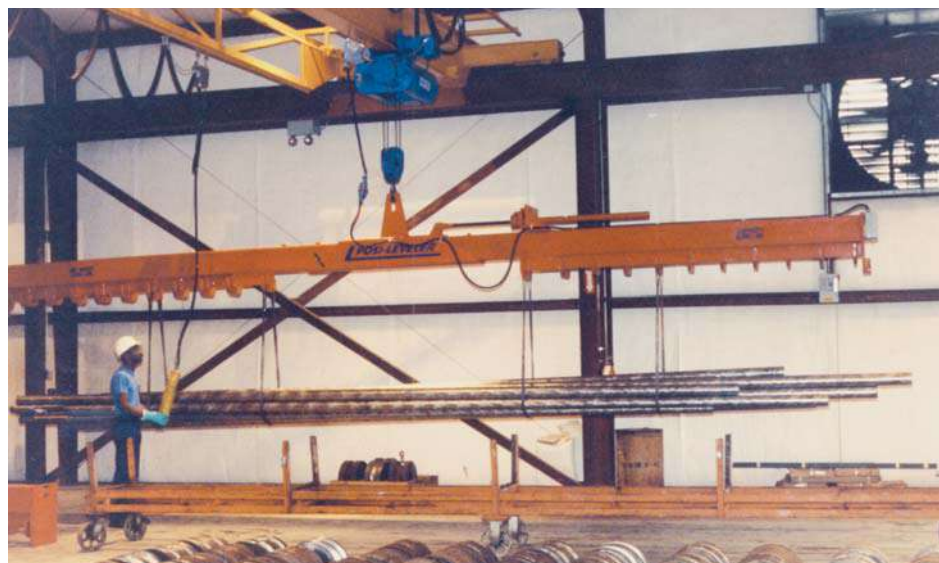
The Posi-Leveler™ allows for motorized adjustment of the beams central lifting point during the lift to always maintain a balanced load. This feature can be used for fine adjustment of the center of gravity during the lift. Leveling uneven loads during the lift saves rigging time and promotes a safer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

IDEAL FOR:

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



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



A.17

Lifting Beams

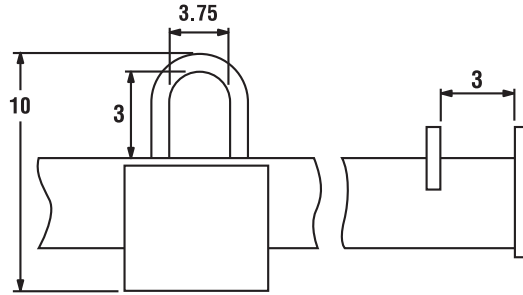
Model 27SL - Bulk Container Lifting Beams



QUICKSHIP PROGRAM

PRODUCT FEATURES:

- Constructed of tubing 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.



NOTE: All dimensions shown in inches.



SPECIFICATIONS

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.

Model 27SD - Standard Adjustable Four Point Lifting Beam



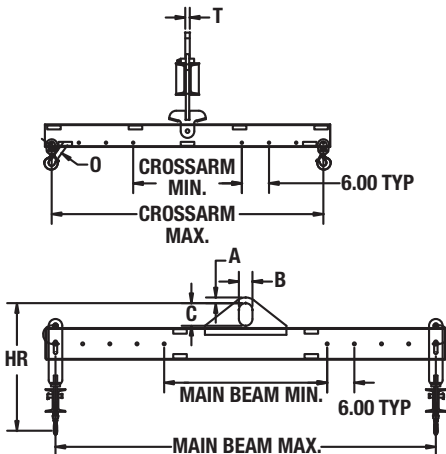
PRODUCT FEATURES:

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

SPECIFICATIONS

Model Number	Capacity (tons)	Dimensions (inches)								Weight (lbs.)
		Main Beam Min./Max.	Crossarms Min./Max.	HR	Bail				O	
					A	B	C	T		
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 A.22.

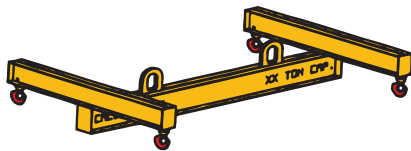


Lifting Beams

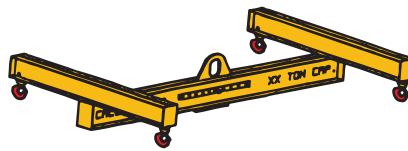
Model 27F - Four Point Lifting Beams



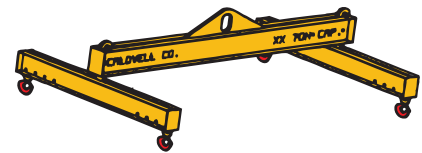
This low headroom lifting beam handles large loads using multiple pick points. Each unit is custom designed for your specific application. Complies with ASME standards.



OPTION A
MULTIPLE BAILS
Use 2 or 4 hoists to increase lifting stability.



OPTION B
ADJUSTABLE BAIL
Is used when load-leveling capability is required along length of load.



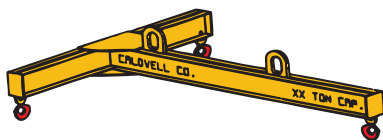
OPTION C
ADJUSTABLE SPREAD
Use when adjustability in length and width is required.

Model 27T - Three Point Lifting Beams



Shown with Option B

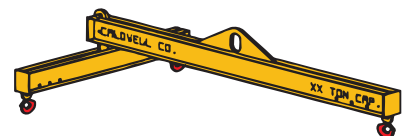
This low headroom lifting beam handles large loads using multiple pick points. Each unit is custom designed for your specific application. Complies with ASME standards.



OPTION A
MULTIPLE BAILS
Use 2 hoists to increase lifting stability.



OPTION B
ADJUSTABLE BAIL
Is used when load-leveling capability is required along length of load.



OPTION C
ADJUSTABLE SPREAD
Use when adjustability in length and width is required.

Lifting Beams



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Strong-Bac® Section
2014-2016 Master Catalog

Model 25 - Twin Hoist Lifting Beam



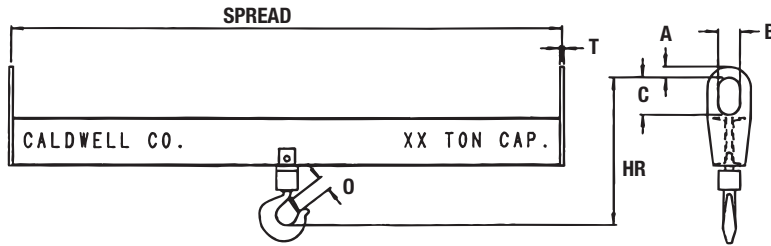
PRODUCT FEATURES:

- 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).

QUICKSHIP PROGRAM



SPECIFICATIONS

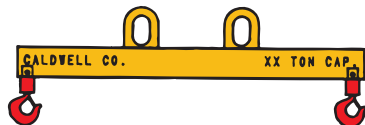
Capacity (tons)	Model Number HR Headroom (in.) Weight (lbs.)	Spread (feet)									Other Dimensions (in.)	
		6	8	10	12	14	16	18	20	24		
2	Model Number	25-2-6	25-2-8	25-2-10	25-2-12	25-2-14	25-2-16	25-2-18	25-2-20	25-2-24	A=1-1/2	T=5/8
	HR Headroom	16-3/4	16-3/4	17-3/4	17-3/4	18-3/4	18-3/4	18-3/4	18-3/4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

See Model 21 (p. A.21) for Twin Hoist Rotating Beam



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.

Lifting Beams

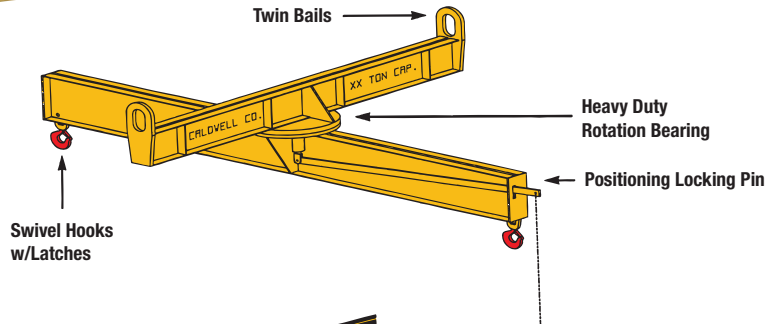
Model 21 - Twin Hoist Rotating Lifting Beams

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:

- Wide range of sizes and capacities available.
- Complies with ASME standards.



OPTION A

TWIN HOOKS

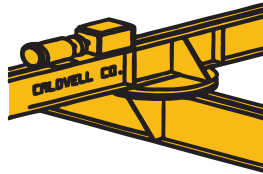
Used in conjunction with basket hitch slings.



OPTION B

J HOOKS

Generally required to lift paper rolls or similar application. (Use Paper Roll Lifters - Application Evaluation, page A.36.)



OPTION C

MOTORIZED ROTATION

Allows remote positioning of a load.



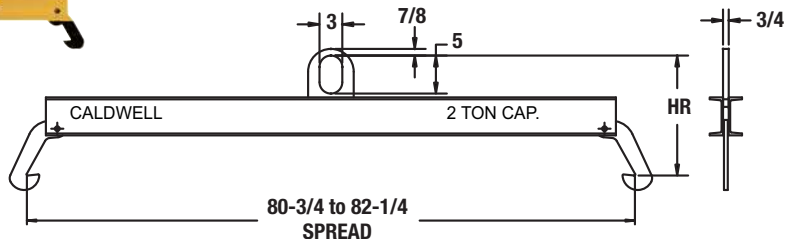
OPTION D

LOWER HEADROOM BAILS

Utilized when headroom must be held to a minimum. Crane hook data must be supplied, see page A.22.

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.



NOTE: All dimensions shown in inches.

QUICKSHIP PROGRAM

SPECIFICATIONS

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

Lifting Beams - 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: _____

Dual crane hoist information

Distance between: _____

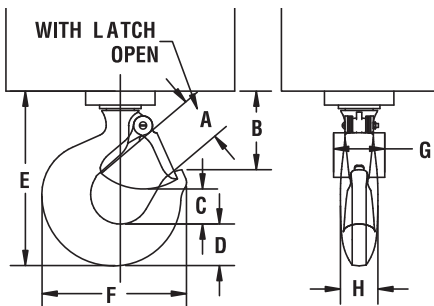
Single crane hoist information

Same capacity? Yes No

Capacity: _____

If no, specify capacities: _____

CRANE HOOK DATA:



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

Contact: _____

Company: _____

Address: _____

City, State, Zip: _____

Phone: _____

Fax: _____

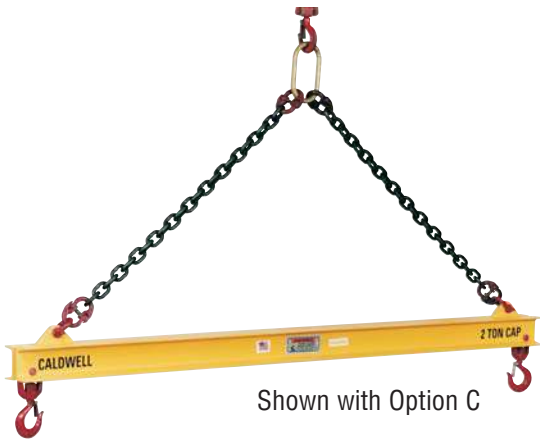
Email: _____

- 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.

Spreader Beams

Model 30 - Fixed Spreader Beams

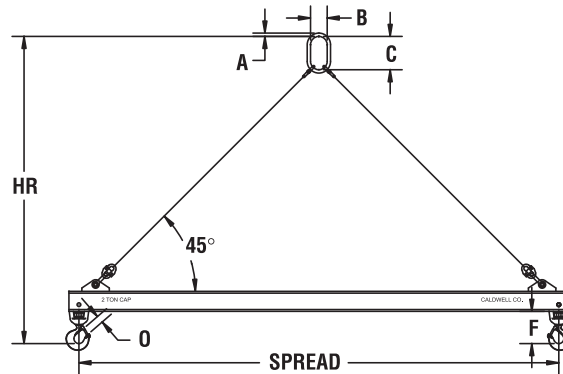


Shown with Option C
Specify Top Rigging

**QUICKSHIP
PROGRAM**

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.



SPECIFICATIONS

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

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

TOP RIGGING OPTIONS

OPTION C

Chain top rigging from beam to crane hook.

OPTION W

Wire rope top rigging from beam to crane hook.

OPTION A

Adjust-A-Leg® sling top rigging for off-center load adjustment (not included in QUICKSHIP Program).

Spreader Beams

Model 32 - Adjustable Spreader Beams

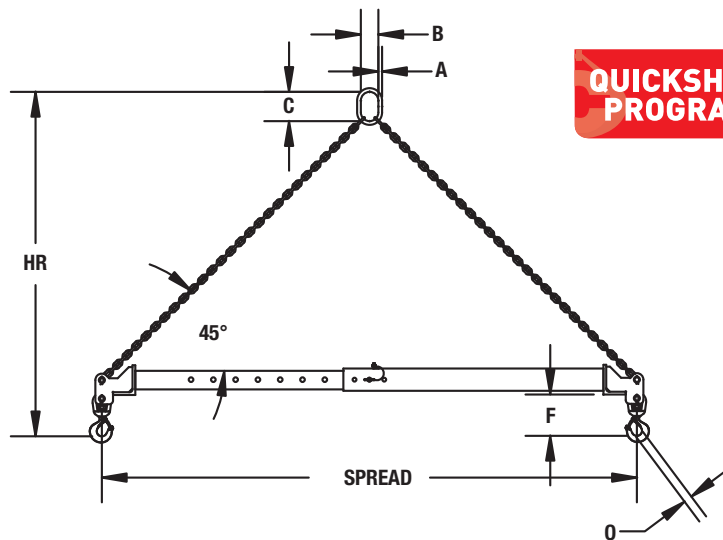


Shown with Option C

Specify Top Rigging

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.
- 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.



SPECIFICATIONS

Capacity (tons)	Model Number	Spread (ft.) Min./Max.	HR Headroom 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	4 / 6	48/57	70	1/2	2.36	3.94	5.5	0.97	9
	32-2-6/10	6 / 10	72/88	85						13
	32-2-8/14	8 / 14	96/113	175						17
	32-2-12/20	12 / 20	132/166	245						23
5	32-5-4/6	4 / 6	55/64	105	1	5.38	7.09	8.4	1.41	34
	32-5-6/10	6 / 10	79/95	160						47
	32-5-8/14	8 / 14	102/126	205						61
	32-5-12/20	12 / 20	138/172	670						82
10	32-10-4/6	4 / 6	60/69	130	1-1/4	5.71	10.83	10.6	1.78	49
	32-10-6/10	6 / 10	74/111	175						69
	32-10-8/14	8 / 14	108/132	460						88
	32-10-12/20	12 / 20	144/163	680						118
15	32-15-4/6	4 / 6	64/72	165	1-1/2	5.90	10.5	13.6	2.22	78
	32-15-6/10	6 / 10	87/104	365						111
	32-15-8/14	8 / 14	111/135	478						145
	32-15-12/20	12 / 20	147/180	700						194

TOP RIGGING OPTIONS

OPTION C

Chain top rigging from beam to crane hook with coupler attachment.

OPTION W

Wire rope top rigging from beam to crane hook. WR Lug required for 25-40 TON capacity beams.

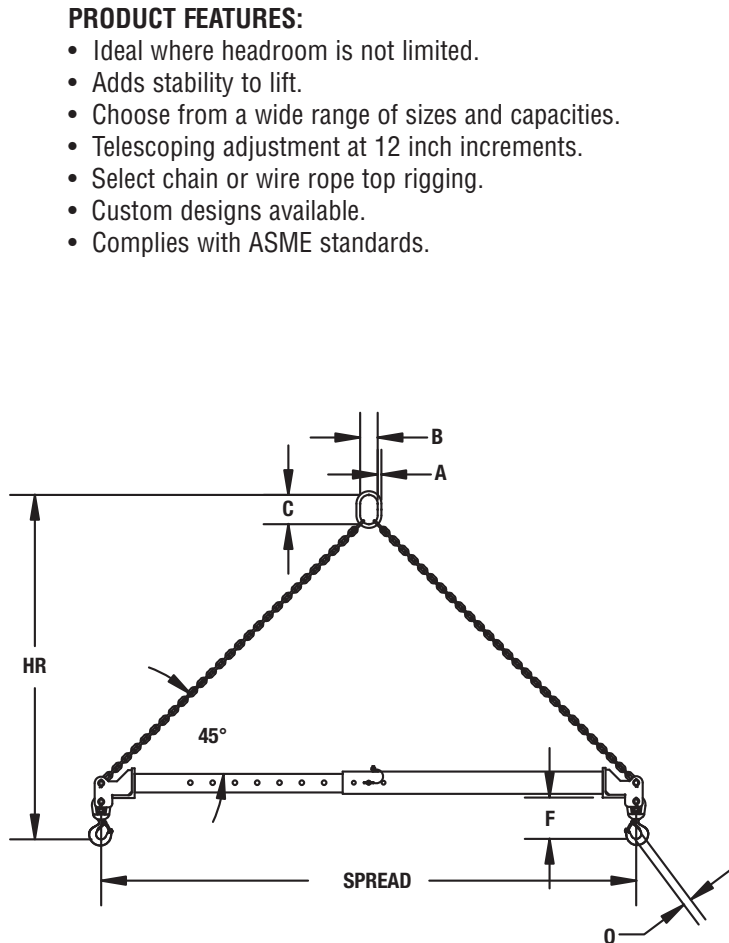
Spreader Beams

Model 32 - Adjustable Spreader Beams



Shown with Option C

Specify Top Rigging*



SPECIFICATIONS

Capacity (tons)	Model Number	Spread (ft) Min / Max	Headroom Min/Max (in.)	Beam & Hook Weight (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)
20	32-20-7/11	7 / 11	93/107	430	1.75	6.0	12.0	14.2	2.27	175
	32-20-9/15	9 / 15	123/144	540						225
	32-20-12/20	12 / 20	151/180	822						275
25	32-25-7/11	7 / 11	98/107	430	2	7.0	14.0	14.2	2.27	240
	32-25-9/15	9 / 15	119/141	540						295
	32-25-12/20	12 / 20	149/179	825						365
30	32-30-7/11	7 / 11	102/115	615	2	7.0	14.0	18.3	3.02	240
	32-30-9/15	9 / 15	124/145	750						295
	32-30-12/20	12 / 20	154/183	1065						365
40	32-40-7/11	7 / 11	105/118	620	2.25	8.0	16.0	18.3	3.02	375
	32-40-9/15	9 / 15	127/148	840						470
	32-40-12/20	12 / 20	154/184	1500						565

TOP RIGGING OPTIONS

OPTION C

Chain top rigging from beam to crane hook with coupler attachment.

OPTION W*

Wire rope top rigging from beam to crane hook.
*Wire Rope Top Rigging requires a lug, please specify if you will be attaching to wire rope top rigging, even when not ordering the top rigging with your beam.

Spreader Beams

Model 30HC - High Capacity Spreader Beam

Caldwell's new High Capacity Spreader Beam is the solution you need to fill those orders where a quick delivery is required on beams with capacities ranging from 5 to 130 tons!

PRODUCT FEATURES:

- Unique pivoting lower lugs allow for 75° to 90° lower rigging angle.
- Capacities from 5 to 130 tons.
- Beam only available in 7 - 10 days.
- Optional wire rope top rigging available.
- Complies with ASME standards.

QUICKSHIP PROGRAM



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



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

SPECIFICATIONS

	6	8	10
50 ton	30HC - 50 - 6	30HC - 50 - 8	30HC - 50 - 10
Weight (lbs.)*	420	460	760
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.)*		840	920
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.)*		840	920
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.)*		840	920
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.)*		1420	1600
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.)*		1420	1600
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.)*		1420	1600
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.)*		1450	1620
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.)*		1450	1620
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.

Spreader Beams

Capacity and spread configurations are virtually limitless.

The chart below 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. 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!

Spread in Feet								
	12	16	20	24	28	32	36	40
30HC - 50 - 12	30HC - 50 - 16	30HC - 50 - 20	30HC - 50 - 24	30HC - 50 - 28	30HC - 50 - 32	30HC - 50 - 36	30HC - 50 - 40	
850	1020	1190	1370	1540	1710	3750	4010	
104	128	152	N/A	N/A	N/A	254	278	
156	198	240	282	324	364	412	454	
25 Ton BTAS	25 Ton BTAS	25 Ton BTAS	25 Ton BTAS	25 Ton BTAS	25 Ton BTAS	55 Ton BTAS	55 Ton BTAS	
35 Ton BTAS	35 Ton BTAS	35 Ton BTAS	35 Ton BTAS	35 Ton BTAS	35 Ton BTAS	55 Ton BTAS	55 Ton BTAS	
30HC - 60 - 12	30HC - 60 - 16	30HC - 60 - 20	30HC - 60 - 24	30HC - 60 - 28	30HC - 60 - 32	30HC - 60 - 36	30HC - 60 - 40	
1010	1190	1360	1530	1710	1880	3750	4100	
108	132	N/A	N/A	N/A	N/A	254	278	
162	204	246	286	328	370	412	454	
55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	
55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	
30HC - 70 - 12	30HC - 70 - 16	30HC - 70 - 20	30HC - 70 - 24	30HC - 70 - 28	30HC - 70 - 32	30HC - 70 - 36	30HC - 70 - 40	
1010	1190	2330	2690	3040	3400	3750	4100	
N/A	N/A	156	180	204	230	254	278	
162	204	246	286	328	370	412	454	
55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	
55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	
30HC - 80 - 12	30HC - 80 - 16	30HC - 80 - 20	30HC - 80 - 24	30HC - 80 - 28	30HC - 80 - 32	30HC - 80 - 36	30HC - 80 - 40	
1010	1190	2330	2690	3040	3400	3750	4100	
N/A	N/A	156	180	204	230	254	278	
162	204	246	286	328	370	412	452	
55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	
55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	
30HC - 90 - 12	30HC - 90 - 16	30HC - 90 - 20	30HC - 90 - 24	30HC - 90 - 28	30HC - 90 - 32	30HC - 90 - 36	30HC - 90 - 40	
1780	2130	2490	2840	3200	3550	3900	4260	
108	132	156	180	204	230	254	N/A	
162	204	246	286	328	370	412	452	
55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	
85 Ton BTAS	85 Ton BTAS	85 Ton BTAS	85 Ton BTAS	85 Ton BTAS	85 Ton BTAS	85 Ton BTAS	85 Ton BTAS	
30HC - 100 - 12	30HC - 100 - 16	30HC - 100 - 20	30HC - 100 - 24	30HC - 100 - 28	30HC - 100 - 32	30HC - 100 - 36	30HC - 100 - 40	
1780	2130	2490	2840	3200	3550	3900	4260	
108	132	156	180	204	230	N/A	N/A	
162	204	246	286	328	370	412	452	
55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	
85 Ton BTAS	85 Ton BTAS	85 Ton BTAS	85 Ton BTAS	85 Ton BTAS	85 Ton BTAS	85 Ton BTAS	85 Ton BTAS	
30HC - 110 - 12	30HC - 110 - 16	30HC - 110 - 20	30HC - 110 - 24	30HC - 110 - 28	30HC - 110 - 32	30HC - 110 - 36	30HC - 110 - 40	
1780	2130	2490	2840	3200	3550	3900	4260	
108	132	156	180	204	N/A	N/A	N/A	
162	204	246	286	338	370	412	452	
55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	55 Ton BTAS	
85 Ton BTAS	85 Ton BTAS	85 Ton BTAS	85 Ton BTAS	85 Ton BTAS	85 Ton BTAS	85 Ton BTAS	85 Ton BTAS	
30HC - 120 - 12	30HC - 120 - 16	30HC - 120 - 20	30HC - 120 - 24	30HC - 120 - 28	30HC - 120 - 32	30HC - 120 - 36	30HC - 120 - 40	
1800	2150	2500	2860	3220	3570	3820	4280	
120	144	168	192	N/A	N/A	N/A	N/A	
172	216	256	298	340	380	422	462	
85 Ton BTAS	85 Ton BTAS	85 Ton BTAS	85 Ton BTAS	85 Ton BTAS	85 Ton BTAS	85 Ton BTAS	85 Ton BTAS	
85 Ton BTAS	85 Ton BTAS	85 Ton BTAS	85 Ton BTAS	85 Ton BTAS	85 Ton BTAS	85 Ton BTAS	85 Ton BTAS	
30HC - 130 - 12	30HC - 130 - 16	30HC - 130 - 20	30HC - 130 - 24	30HC - 130 - 28	30HC - 130 - 32	30HC - 130 - 36		
1800	2150	2500	2860	3220	3570	3920		
120	144	168	N/A	N/A	N/A	N/A		
172	216	256	298	340	380	422		
85 Ton BTAS	85 Ton BTAS	85 Ton BTAS	85 Ton BTAS	85 Ton BTAS	85 Ton BTAS	85 Ton BTAS		
85 Ton BTAS	85 Ton BTAS	85 Ton BTAS	85 Ton BTAS	85 Ton BTAS	85 Ton BTAS	85 Ton BTAS		



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Strong-Bac® Section
2014-2016 Master Catalog

Spreader Beams

Model BEF - Spreader Beam End Fittings



INSTOCK PROGRAM

PRODUCT FEATURES:

- Build your own spreader beam.
- Designed to work with a range of shackle sizes, both top and bottom.
- Complies with ASME standards when assembled to specifications using designated pipe and rigging.

SPECIFICATIONS

Model Number	Max. Capacity (tons)*	Schedule 80 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.

Model HC-BEF - High Capacity Beam End Fitting



INSTOCK PROGRAM

PRODUCT FEATURES:

- Build your own spreader beam.
- Pivoting lower lugs allow for 75° to 90° lower rigging angle.
- Complies with ASME standards when assembled to specifications using designated pipe and rigging.

SPECIFICATIONS

Model Number	Max. Capacity (tons)*	Schedule 80 Pipe Size	Weight (lbs.) Per Pair
BEF-5HC-25	25	5"	284
BEF-5HC-50	50	5"	333
BEF-8HC-50	50	8"	440
BEF-8HC-80	80	8"	60
BEF-12HC-80	80	12"	840
BEF-12HC-110	110	12"	992
BEF-12HC-130	130	12"	1010

* System capacity is determined by span, rigging, and hardware, consult factory for complete details.

Model BEF-PC - Beam End Fitting - Pipe Coupler



INSTOCK PROGRAM

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.

SPECIFICATIONS

Model Number	Use With Model	Used With Pipe (in.)*	Weight (lbs.)
BEF-PC-2.5	BEF-2 1/2	2-1/2 SCH. 40	14
BEF-PC-5	BEF-5	5 SCH. 40	60
BEF-PC-5HC	BEF-5HC	5 SCH. 80	114
BEF-PC-8	BEF-8	8 SCH. 40	125
BEF-PC-8HC	BEF-8HC	8 SCH. 80	175
BEF-PC-12HC	BEF-12HC	12 SCH. 80	335

* See end fitting assembly instruction for complete pipe specifications.

See Rig-Master section pages F.51 - F.53 for complete details.

Spreader Beams

Model 34 - Four Point Spreader Beam



**QUICKSHIP
PROGRAM**



PRODUCT FEATURES:

- New knock-down design is easily transported.
- 6 or 9 ton capacity.
- Spreads up to 10' x 10'.
- Four point spreader beam provides added 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 BEF-FSB - Beam End Fittings - Four-Point Spreader Beam



Pipe, pins, hoist ring, chains, and shackle not included.

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.

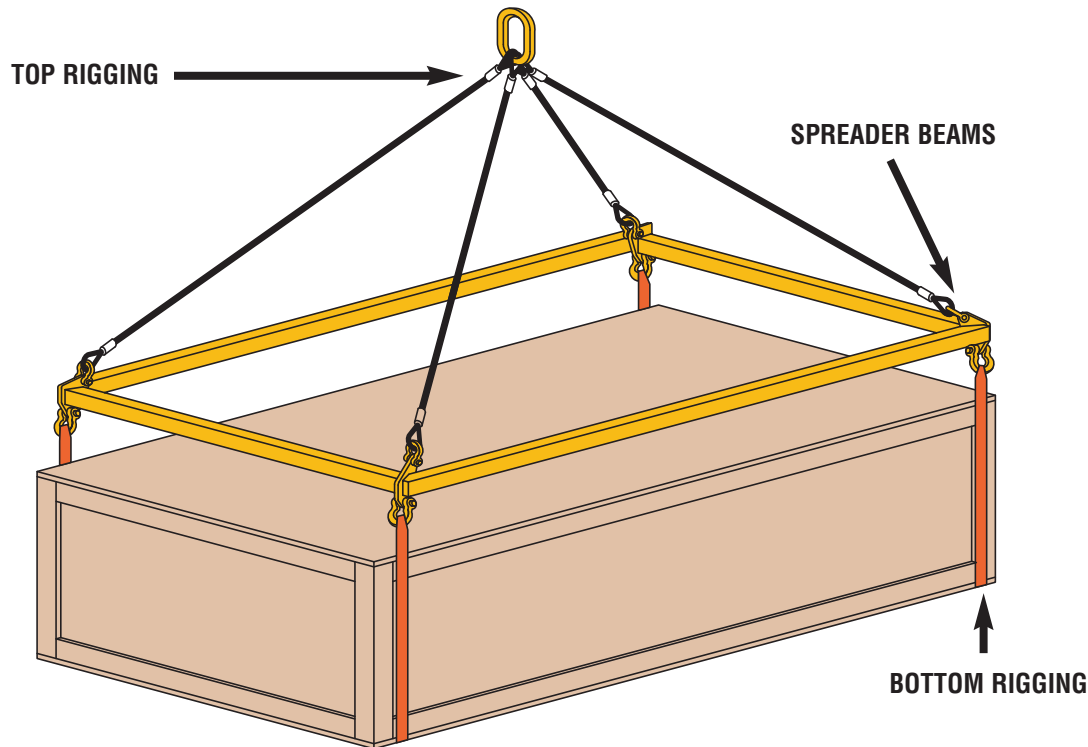
SPECIFICATIONS

Model Number	Max. Capacity (tons)	Weight (lbs.)
BEF-2.1/2-FSB-6	6	78
BEF-2.1/2-FSB-9	9	86

Spreader Beams

Model 38 - Special 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.

BOTTOM RIGGING OPTIONS:

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.

Spreader Beams - 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: _____

Dual crane hoist information

Distance between: _____

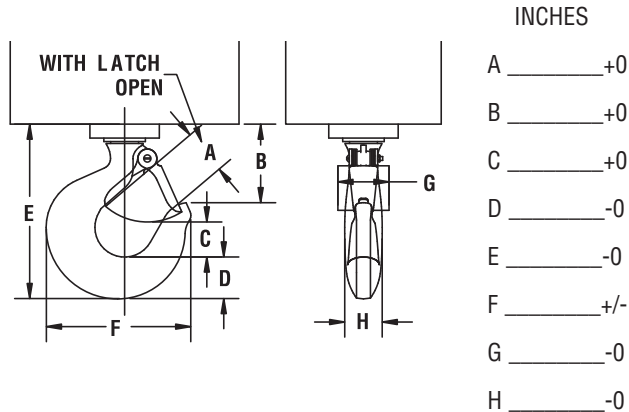
Single crane hoist information

Same capacity? Yes No

Capacity: _____

If no, specify capacities: _____

CRANE HOOK DATA:



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/Positioners

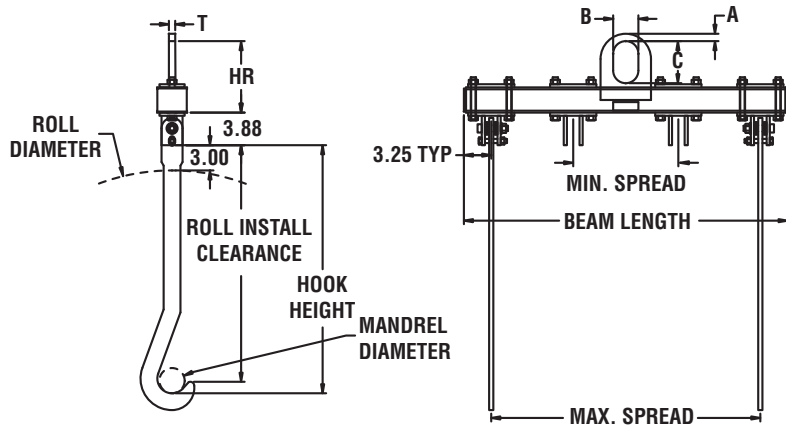
Model 23QS - QUICKSHIP Roll Lifting Beams



QUICKSHIP PROGRAM

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.



NOTE: Dimensions shown in inches.

SPECIFICATIONS

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	23QS-1/2-3	23QS-1/2-4	23QS-1/2-6	23QS-1/2-8	23QS-1/2-10	23QS-1/2-12	1/2	7/8	3	5	3/4
	HR Headroom	8 1/2	8 1/2	8 1/2	8 1/2	9 1/2	9 1/2					
	Min. Spread	12	12	12	24	24	24					
1	Model Number	23QS-1-3	23QS-1-4	23QS-1-6	23QS-1-8	23QS-1-10	23QS-1-12	1/2	7/8	3	5	3/4
	HR Headroom	8 1/2	8 1/2	9 1/2	9 1/2	10 1/2	10 1/2					
	Min. Spread	12	12	12	24	24	24					
2	Model Number	23QS-2-3	23QS-2-4	23QS-2-6	23QS-2-8	23QS-2-10	23QS-2-12	1/2	7/8	3	5	3/4
	HR Headroom	9 1/2	9 1/2	10 1/2	11 1/2	12 1/2	12 1/2					
	Min. Spread	12	12	12	24	24	24					
3	Model Number	23QS-3-3	23QS-3-4	23QS-3-6	23QS-3-8	23QS-3-10	23QS-3-12	3/4	1 1/2	3	5	1
	HR Headroom	10 1/2	10 1/2	11 1/2	12 1/2	13 1/2	13 1/2					
	Min. Spread	12	12	24	24	24	24					
5	Model Number	23QS-5-3	23QS-5-4	23QS-5-6	23QS-5-8	23QS-5-10	23QS-5-12	1	2	4	7	1 1/4
	HR Headroom	13 1/2	14 1/2	15 1/2	17 1/2	17 1/2	19 1/2					
	Min. Spread	24	24	24	24	24	24					

Operation



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

Paper Roll Lifters/Positioners

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.



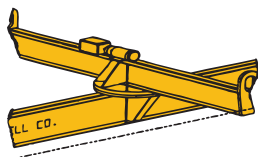
Options Available



OPTION A

ADJUSTABLE SPREADS

Used when handling rolls of varying widths.



OPTION D

MOTORIZED ROTATION

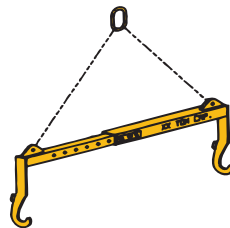
Allows remote positioning of a load. For additional information, see Model 21 on page A.20.



OPTION B

HOOK LININGS

- Bronze/Brass
- Urethane
- Brake Lining (Min. Shaft Dia.= 6")



OPTION E

SPREADER BEAM

Offers greater stability when required headroom is not a consideration.



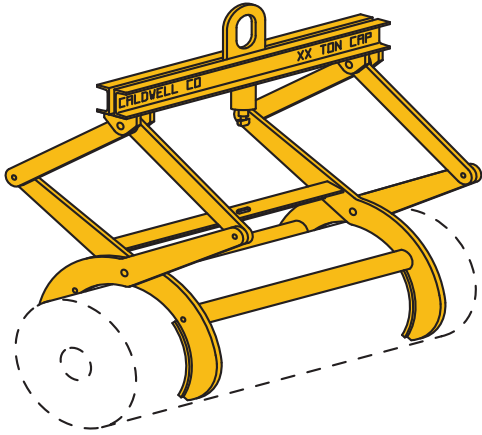
OPTION C

TWIN BAILS

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

Paper Roll Lifters/Positioners

Model 74P - Roll Gripping Tongs

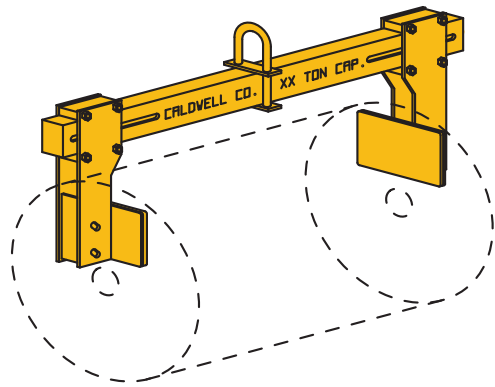


Used to grip the O.D. of a roll. The diameter range can vary up to 25%. A double leg design will provide additional roll stability; however, single leg models are available for narrower rolls. Recommend double leg for rolls wider than 48".

Features: Automatic latching mechanism for single-person operation. Tong saddles with protective covering to prevent roll damage are available.

Capacities: Double leg to 4 ton.
Single leg to 2 1/2 ton.

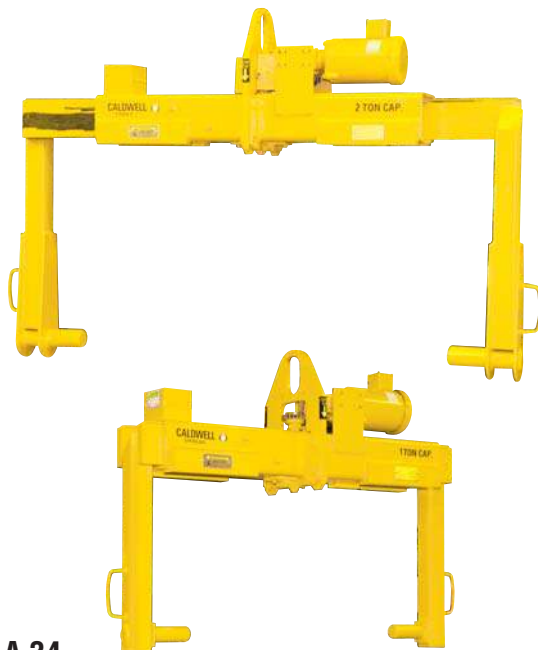
Model 75P - Roll Grabs



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 as an option.

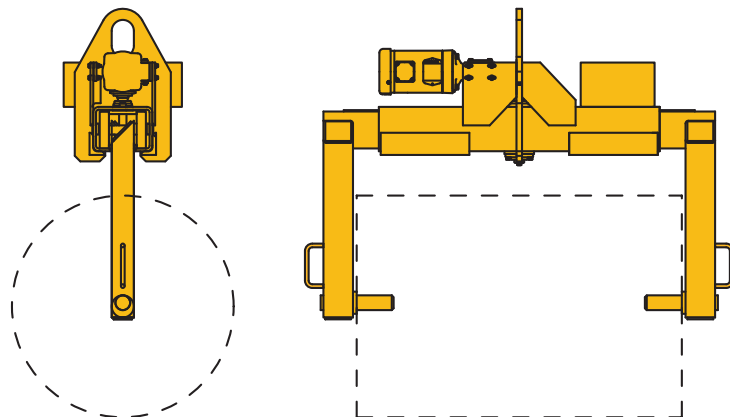
Capacities: To 5 ton.

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.

Capacities: To 10 ton.



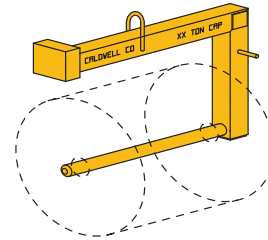
Paper Roll Lifters/Positioners

Model 81P - Roll Lifting C-Hooks

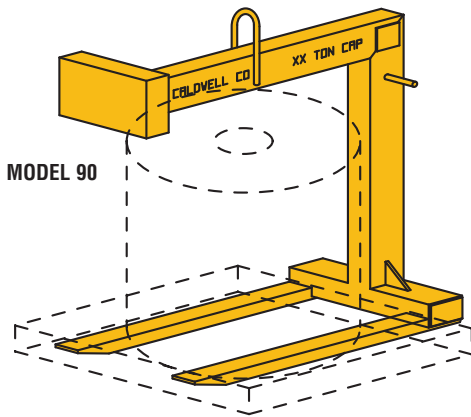


This Caldwell Model 81P Roll Lifter is designed to handle rolls by inserting a round arm into the roll I.D. This unit is counter balanced to hang level when empty for ease of insertion into the roll core. Guide handle is standard. Lifter parking stand can be furnished if required.

Capacities: To 5 ton.



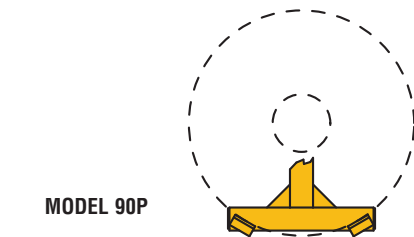
Model 90P or 90 - Pallet or O.D. Lifters



Model 90 - Pallet Lifters

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

Capacities: To 10 ton.

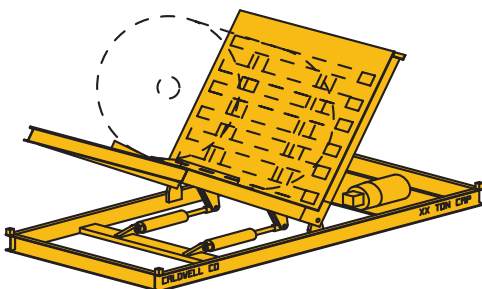


Model 90P - Roll Lifters

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

Capacities: To 10 ton.

Model 88 - Roll Positioners



This Caldwell 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.

Capacities: To 7½ ton.

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

Capacities: To 30 ton.

Paper Roll Lifters - Application Evaluation

Please specify the desired model number: _____

ROLL INFORMATION:

Minimum: Length _____ Diameter _____ Weight _____

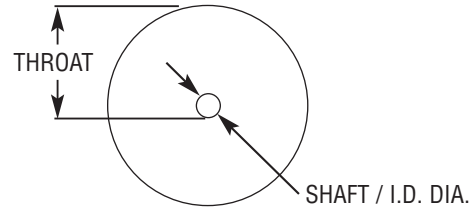
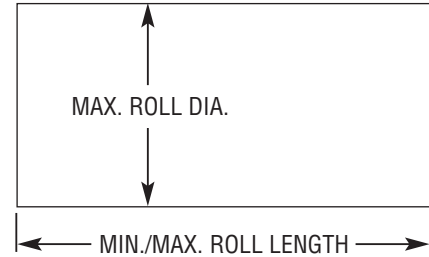
Maximum: Length _____ Diameter _____ Weight _____

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:

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.