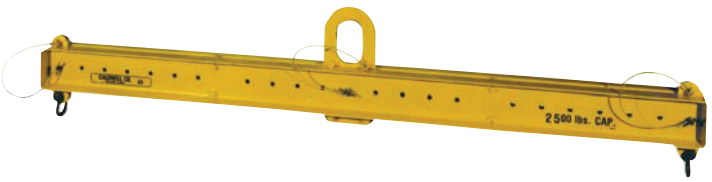
## Model 17 - Adjustable Lifting Beam

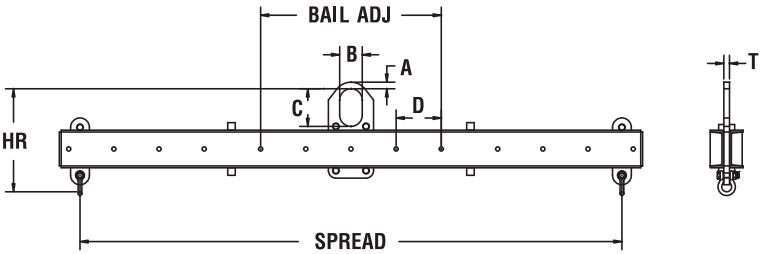



**PRODUCT FEATURES:**

- 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

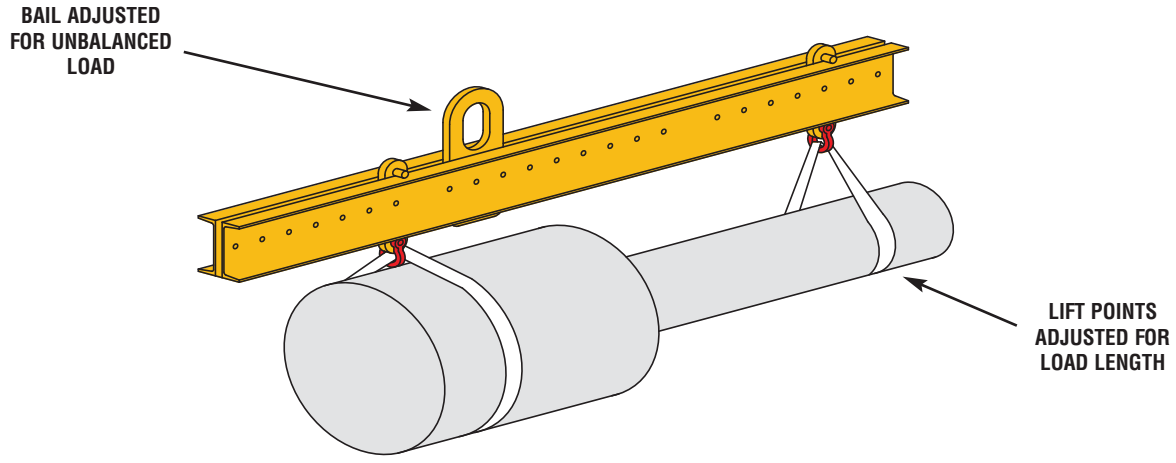



INSTOCK PROGRAM

**SPECIFICATIONS**

| Model Number | Rated Capacity (tons) | Spread (in.) | | Bail Adjustment Range (in.) | Bail Adjustment D (in.) | HR Headroom (in.) | Shackle Size (tons) | Bail Dimensions (in.) | | | | Weight (lbs.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Max. | Min. | | | | | 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 |

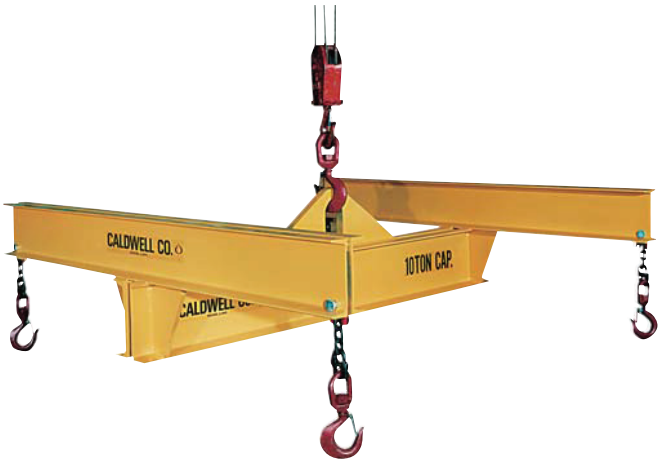
## Operation



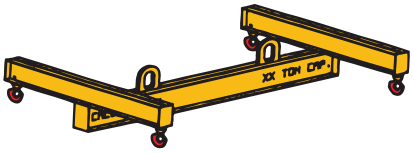

COMMERCIAL GROUP LIFTING PRODUCTS

# Lifting Beams

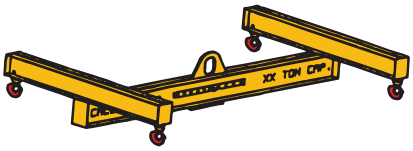
## Model 27F - Four Point Lifting Beams



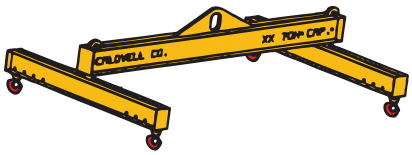

This low headroom lifting beam handles large loads using multiple pick points. Each unit is custom designed for your specific application. Complies with ASME standards.




**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.

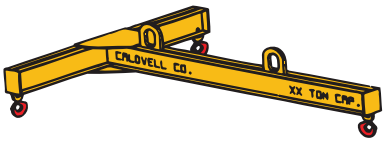



**OPTION C**
**ADJUSTABLE SPREAD**
Use when adjustability in length and width is required.

## Model 27T - Three Point Lifting Beams

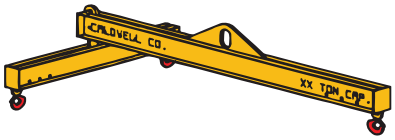
Shown with Option B

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.

COMMERCIAL GROUP LIFTING PRODUCTS

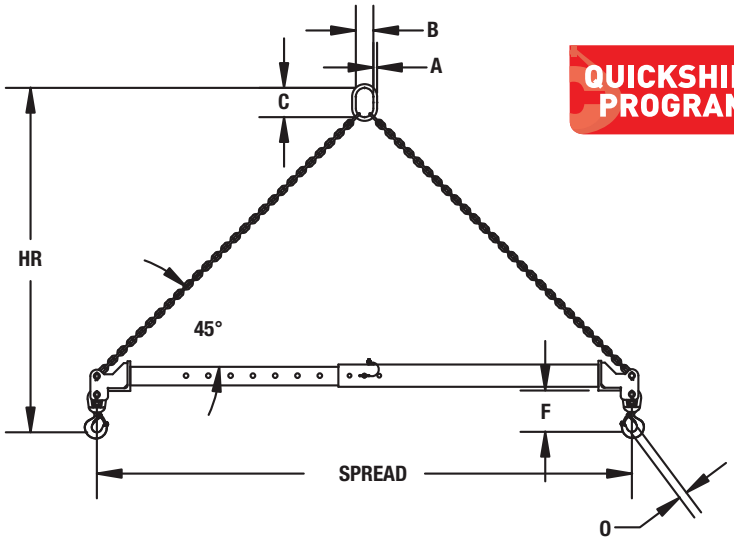
# Model 32 - Adjustable Spreader Beams

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.




QUICKSHIP PROGRAM

## 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.





CG COMMERCIAL GROUP LIFTING PRODUCTS

# Paper Roll Lifters/Positioners

## Model 23 - Roll Lifting Beams

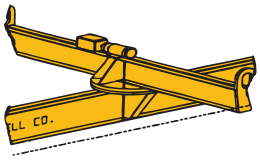
Used to lift rolls with plate style or bent bar J-Hooks. Hooks are designed to support the core mandrel which is through the I.D. of the roll. Fixed beam lengths can be used for single roll widths. Maximum roll diameters will determine length of J-Hooks.

**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.

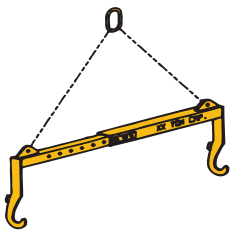
## Options Available

**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**
a. Bronze/Brass
b. Urethane
c. 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.

CG COMMERCIAL GROUP LIFTING PRODUCTS

# Model 82RC - Close Stacking C-Hook

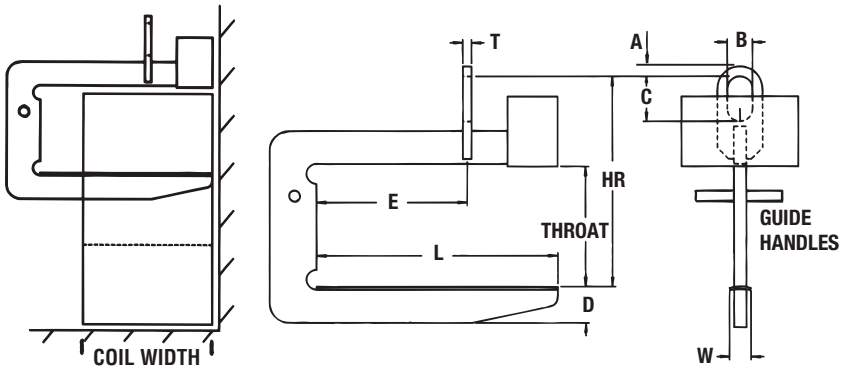
**PRODUCT FEATURES:**

- 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.
- Counter balanced 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.

QUICKSHIP PROGRAM




**NOTE:** E = Maximum coil width ÷ 2

## SPECIFICATIONS

| Model Number | Capacity (tons) | Dimensions (inches) | | | | | | | | | | | Weight (lbs.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Coil Width | | Throat | Lifting Arm | | | HR | Bail Dimensions | | | | |
| | | | | | Length | Depth | Width | | Opening | | | Thk. | |
| | | Max. | Min. | | L | D | W | Headroom | A | B | C | 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.

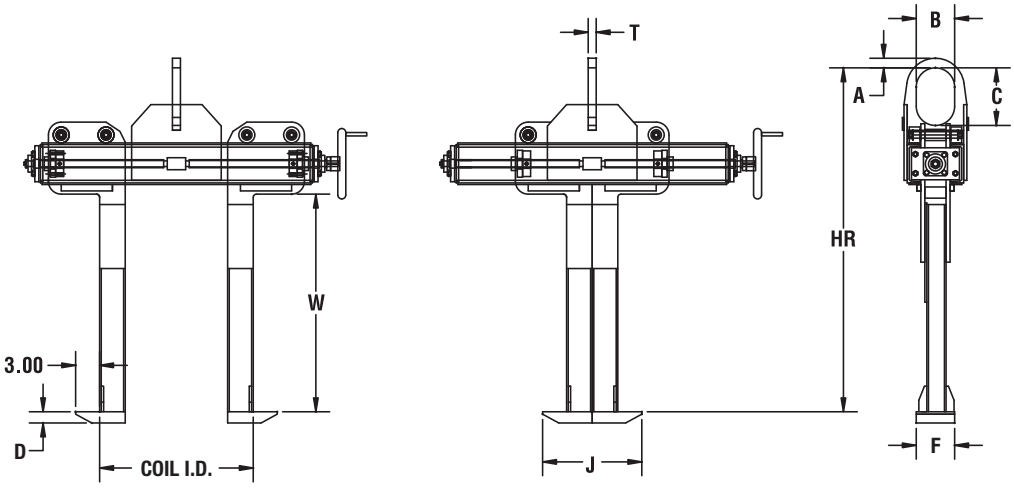
Other sizes available, consult factory.

CG COMMERCIAL GROUP LIFTING PRODUCTS

# Model 83HW - Vertical "Eye" Coil Grab

**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.




## SPECIFICATIONS

| Model Number | Capacity (tons) | Dimensions (inches) | | | | | | | | | | | Weight (lbs.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Coil I.D. | | Coil Width | HR | | | | | | | | |
| | | Min. | Max. | W | Headroom | A | B | C | T | F | D | J | |
| 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.

## Model 60M - Motorized Heavy Duty Sheet Lifters

### PRODUCT FEATURES:

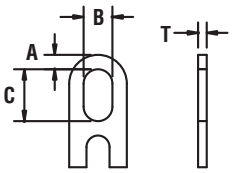
- Versatile handling of bundles, sheets, plates and other materials stacked horizontally.
- Low headroom design for optimum lifting capabilities.
- One person operation minimizes handling cost.
- Self-locking worm gear drive for leg adjustment is standard.
- Easy adjustment for different sheet widths.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

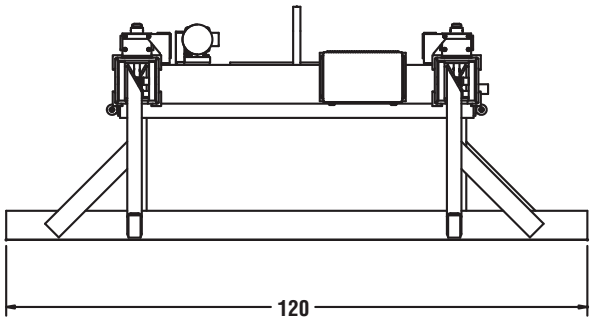
Special 10 ton unit with extended bundle height.

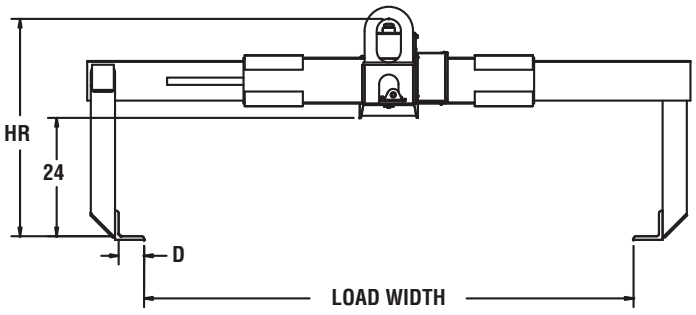
### PRODUCT OPTIONS:

- 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.

**Bail Opening**




### SPECIFICATIONS

| Model Number | Capacity (tons) | Dimensions (inches) | | | | | | | | | Weight (lbs.) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Load Width | | HR | Shoe | Min. | Bail Opening | | | | |
| | | Min. | Max. | Headroom | D | Aisle | 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.

**WARNING**

Do not lift loosely bundled, thin or oily sheets.

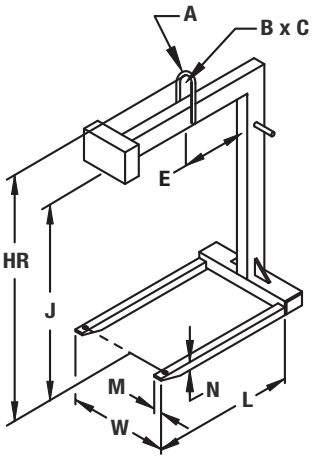
COMMERCIAL GROUP LIFTING PRODUCTS

## Model 90 - Standard Fixed Forks Pallet Lifter

QUICKSHIP PROGRAM

**PRODUCT FEATURES:**

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




**SPECIFICATIONS**

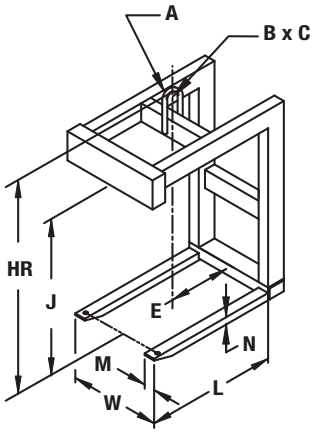
| Model Number | Capacity (tons) | Dimensions (inches) | | | | | | | | | | Weight (lbs.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Forks | | | W | E | Bail | | | J* | HR | |
| | | L | M | N | | | A | B | C | | | |
| 90-1-36 | 1 | 36 | 2 | 2 | 25 | 18 | 1 | 6 | 5 | 48 | 57-1/2 | 292 |
| 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 | 4-1/2 | 2-1/2 | 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

**PRODUCT FEATURES:**

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




**SPECIFICATIONS**

| Model Number | Capacity (tons) | Dimensions (inches) | | | | | | | | | | Weight (lbs.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Forks | | | W | E | Bail | | | J* | HR | |
| | | L | M | N | | | 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.

**WARNING**

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

CG COMMERCIAL GROUP LIFTING PRODUCTS

## Standard Indentation Type

# Model 77 - Bale Lifting Tongs

**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.

QUICKSHIP PROGRAM

**SPECIFICATIONS**

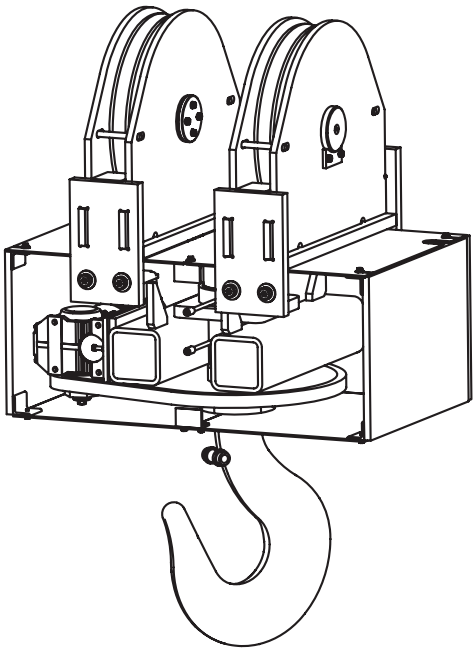
| Model Number | Rated Capacity (tons) | Bale Width (in.) | Unit Height Loaded (in.) | Pad Dimensions (in.) | | Weight (lbs.) |
|---|---|---|---|---|---|---|
| | | | | Width | Height | |
| 77-1/2-36 | 1/2 | 36 | 52 | 18 | 9 | 280 |
| 77-1/2-48 | 1/2 | 48 | 56 | 18 | 9 | 300 |
| 77-1-36 | 1 | 36 | 52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

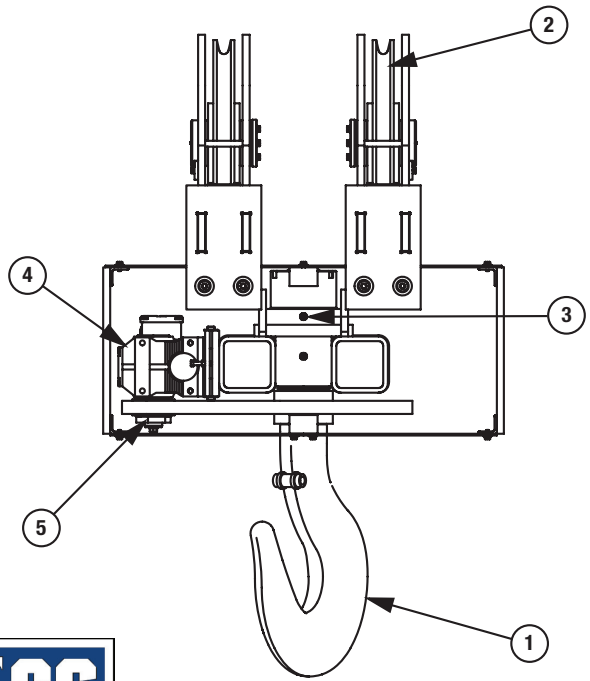
## Model 50 - Motorized Rotating Crane Hook

Shown with optional load scale.

**PRODUCT FEATURES:**

- Custom designed to fit your applications.
- 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.






**STANDARD DESIGN FEATURES:**

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

CG COMMERCIAL GROUP LIFTING PRODUCTS

## 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.

Short, solid sided basket with no door.

Heavy duty steel with solid steel door and fork pockets.

Lightweight aluminum with mesh door and fork pockets.

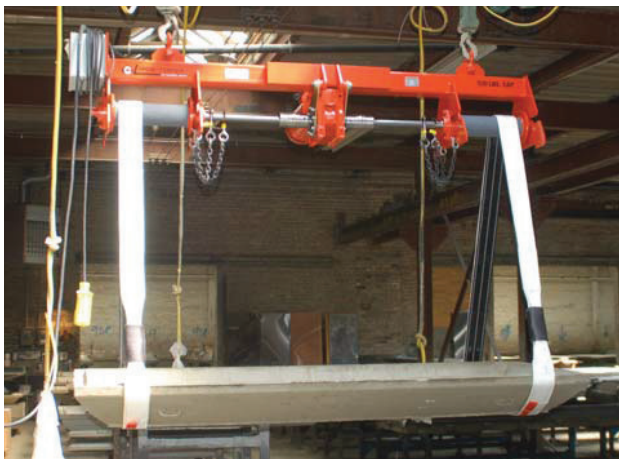
Caldwell material baskets are not rated for handling personnel.

COMMERCIAL GROUP LIFTING PRODUCTS

# Standard Posi-Turner®

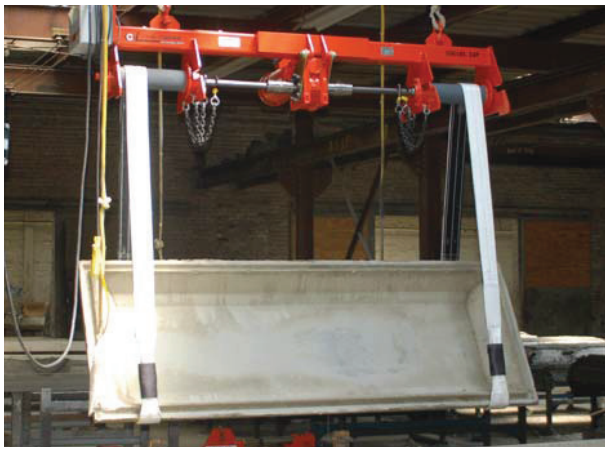
## Standard - Fixed Bail

The core feature of the Posi-Turner® is the smooth and controlled rotation. The Posi-Turner® suspends and rotates objects 360 degrees or more with controlled rotation. This series of photos, featuring a twin bail unit, shows how rotation with the Posi-Turner® is efficient and damage free.



- Fixed Posi-Turner® will rotate load during lift.
- Custom sizes are available.
- Push button pendent control standard
- Complies with ASME standards.

See page C.18 for complete list of product options.



To determine the proper Posi-Turner® required for your specific application, please fill in the Posi-Turner® application evaluation on page C.20 or line at www.caldwellinc.com/applications.

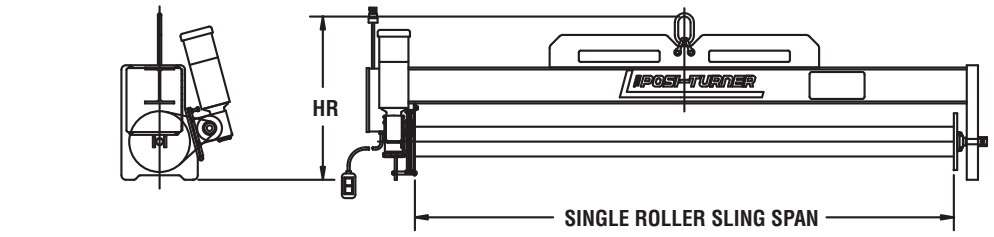


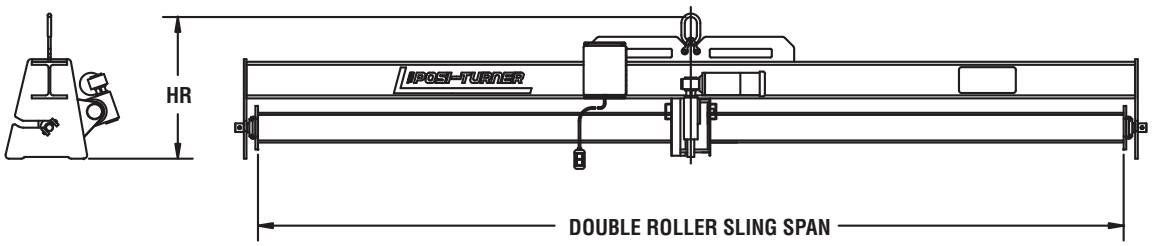


CG COMMERCIAL GROUP LIFTING PRODUCTS

# Standard Posi-Turner®

## Standard - Fixed Bail




**SPECIFICATIONS** Application evaluation required; consult factory for additional information.

| Model Number | Rated Capacity (lbs.) | Maximum Sling Span (in.) | Roller | | HR Headroom (in.) | Unit Weight (lbs.) |
|---|---|---|---|---|---|---|
| | | | Single / Double | Dia. (in.) | | |
| .5FS-72 | 500 | 72 | S | 2.0 | 14.5 | 245 |
| 1FS-48 | 1000 | 48 | S | 2.0 | 14.5 | 225 |
| 1.5FS-72 | 1500 | 72 | S | 4.0 | 28 | 365 |
| 1.5FS-84 | | 84 | S | 4.0 | 28 | 400 |
| 1.5FS-96 | | 96 | S | 4.0 | 28 | 430 |
| 1.5FS-108 | | 108 | S | 4.0 | 28 | 455 |
| 1.5FS-120 | | 120 | S | 4.0 | 28 | 480 |
| 2FS-80 | 2000 | 80 | S | 5.6 | 32.5 | 750 |
| 2FS-120 | | 120 | S | 5.6 | 32.5 | 1050 |
| 2FS-250 | | 250 | D | 5.6 | 35 | 2250 |
| 3FS-80 | 3000 | 80 | S | 5.6 | 32.5 | 750 |
| 3FS-120 | | 120 | S | 5.6 | 32.5 | 1200 |
| 3FS-250 | | 250 | D | 5.6 | 35 | 2550 |
| 4FS-80 | 4000 | 80 | S | 6.6 | 36.4 | 900 |
| 4FS-120 | | 120 | S | 6.6 | 36.4 | 1300 |
| 4FS-250 | | 250 | D | 6.6 | 39 | 2900 |
| 6FS-80 | 6000 | 80 | S | 8.6 | 36.4 | 1000 |
| 6FS-120 | | 120 | S | 8.6 | 36.3 | 1500 |
| 6FS-250 | | 250 | D | 8.6 | 39 | 3200 |
| 10FS-80 | 10000 | 80 | S | 8.6 | 38.8 | 2200 |
| 10FS-120 | | 120 | S | 8.6 | 38.8 | 2300 |
| 10FS-250 | | 250 | D | 8.6 | 41 | 4200 |
| 16FS-80 | 16000 | 80 | S | 10.8 | 45 | 3000 |
| 16FS-120 | | 120 | S | 10.8 | 45 | 3600 |
| 16FS-250 | | 250 | D | 6.6 | 47 | 4600 |
| 22FS-150 | 22000 | 150 | D | 6.6 | 45 | 3300 |
| 22FS-270 | | 270 | D | 6.6 | 51 | 4900 |
| 33FS-150 | 33000 | 150 | D | 8.6 | 53 | 3900 |
| 33FS-270 | | 270 | D | 8.6 | 54 | 7900 |
| 44FS-150 | 44000 | 150 | D | 10.8 | 60 | 5700 |
| 44FS-270 | | 270 | D | 10.8 | 61 | 9700 |
| 55FS-150 | 55000 | 150 | D | 10.8 | 63 | 5700 |
| 55FS-270 | | 270 | D | 10.8 | 70 | 13200 |
| 66FS-150 | 66000 | 150 | D | 10.8 | 69 | 8000 |
| 66FS-270 | | 270 | D | 10.8 | 75 | 17800 |
| 88FS-150 | 88000 | 150 | D | 10.8 | 75 | 10800 |
| 88FS-270 | | 270 | D | 10.8 | 83 | 23700 |
| 110FS-150 | 110000 | 150 | D | 12.8 | 75 | 12900 |
| 110FS-270 | | 270 | D | 12.8 | 86 | 27900 |

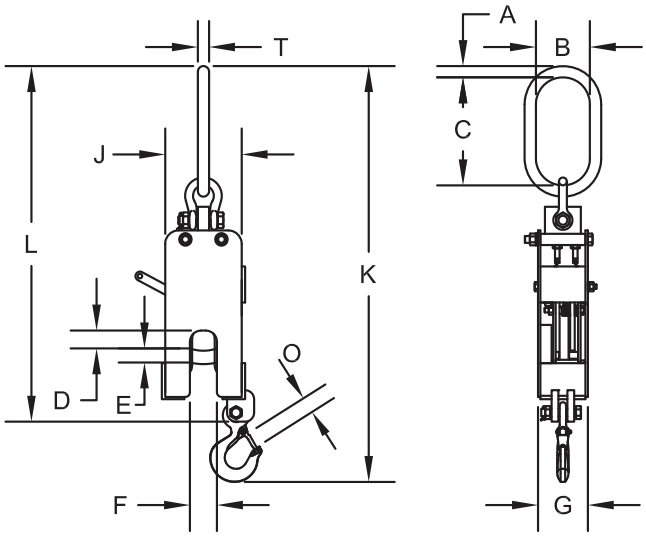
# Rig-Release® Manual Releasing Hook

## Model RR - Manual Release Unit

1 Ton Unit Shown

**PRODUCT FEATURES:**

- Rope Guide allows rigging to be released when hook is either above or beside the operator. If hook is located below the operator please see Upward Pull option on page E.20.
- 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 chart below).
- Rated load capacity can be lifted from either Lift Arm or the lower Strip Sling Hook. Do not exceed rated capacity of hook.
- Oversized bail for easy mounting on crane hook - 5, 10 & 15 ton units provided with fixed bails.
- Designed and manufactured to ASME standards.




Patent No. 7,380,849

### SPECIFICATIONS - Manual Release

| Model Number | Rated Cap. (tons) | Dimensions (inches) | | | | | | | | Bail 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 |

**NOTE:** For larger capacities see page E.21.

### SPECIFICATIONS

| Model Number | Rated Capacity (tons) | *Minimum Load (lbs.) | | Rigging: Recommended Lifting Slings | Rigging: **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 |

**WARNING**

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

Chart data is based upon the minimum number of springs.

***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 can not be released.**

If the maximum allowable rigging weight needs to be increased, additional springs can be added, refer to the Instruction Manual.

# Rig-Release® Manual Releasing Hook

The Rig-Release® Remote Releasing Hook will allow you to set loads – and then – quickly, efficiently and safely release the sling from a safe distance. The Rig-Release® simply hooks to your crane or spreader beam. Attach the lifting sling(s) directly to the Rig-Release® and rig the load. Once the load is set, and the load line is slack, pull the Release Rope to release the sling(s). No need for a man lift on site or to have a worker crawl out (or up) just to disconnect sling(s). It's all done from a safe distance.

**SAFETY FEATURES:**

- When the minimum load is applied, the Inner Body Assembly sits in the LOCK & CAPTURE position and **CAN NOT** 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.

Fixed Bail On 5, 10 & 15 Ton Units

Lifting Eye

Lift Arm Lever

Lift Arm

Rope Guide

Strip Sling Hook

Release Rope (lanyard)

Breakaway Chain

50' Release Rope

**Manual Rig-Release® Hooks Come With Everything Shown.**

COMMERCIAL GROUP LIFTING PRODUCTS

# Model FB - Telescopic Fork Lift Booms

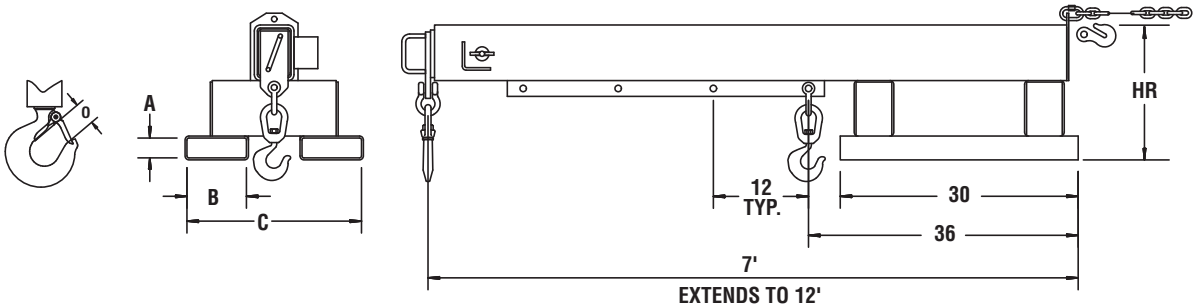
The Fixed Boom, Model FB, has a telescoping boom with a maximum horizontal reach of 12 feet. This model is available in 3,000, 4,000, 6,000 and 8,000 lb. capacities.

**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.

INSTOCK PROGRAM

**Model FB**
**Fixed Type Fork Lift Boom**




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

## SPECIFICATIONS

| Model Number | Dimensions (in.) | | | | | Maximum Capacity @ Hook Position (lbs.) | | | | | | | Weight (lbs.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | HR | O | 3'-6' | 7' | 8' | 9' | 10' | 11' | 12' | |
| FB-30 | 2-1/2 | 7-1/2 | 22 | 16 | 1.00 | 3000 | 3000 | 2600 | 2200 | 1900 | 1600 | 1500 | 340 |
| FB-40 | | | | 16 | 1.09 | 4000 | 3200 | 2600 | 2200 | 1900 | 1600 | 1500 | 340 |
| FB-60 | 2-1/2 | 7-1/2 | 22 | 17 | 1.36 | 6000 | 5000 | 4200 | 3500 | 3000 | 2700 | 2500 | 390 |
| FB-80 | | | | 18 | 1.61 | 8000 | 7000 | 5700 | 4800 | 4100 | 3600 | 3100 | 520 |

**NOTE:** Models FB-30 and FB-40 are only available with swivel hooks.

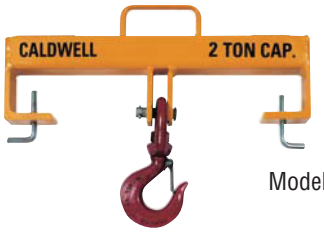
**WARNING**

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

CG COMMERCIAL GROUP LIFTING PRODUCTS

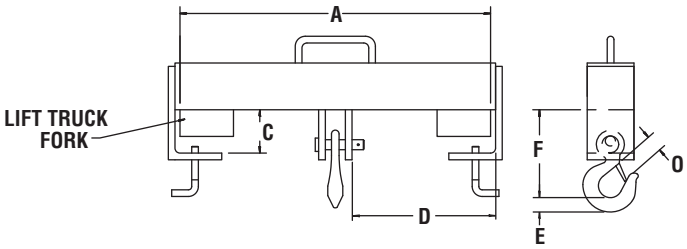
# Fork Beams

## Model 10 - Single Hook Beam - Fixed or Swivel




Model 10S-2-20

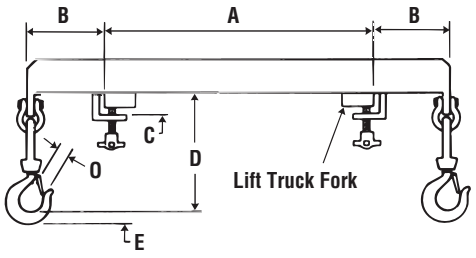
Model 10S-7.5-36




### SPECIFICATIONS

| Model Number Fixed | Model Number Swivel | Rated Capacity (lbs.) | Dimensions (in.) | | | | | | | Weight (lbs.) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | A | C | D | Fixed F | Swivel F | E | O | |
| 10-2-20 | 10S-2-20 | 4000 | 20 | 3-1/4 | 9-1/8 | 7-1/4 | 8-7/8 | 1-1/8 | 1-5/32 | 21 |
| 10-5-24 | 10S-5-24 | 10000 | 24 | 3-1/4 | 10-3/4 | 9-1/4 | 11-7/16 | 1-13/16 | 1-11/16 | 42 |
| 10-5-36 | 10S-5-36 | 10000 | 36 | 3-1/4 | 16-3/4 | 9-1/4 | 11-7/16 | 1-13/16 | 1-11/16 | 80 |
| 10-7.5-36 | 10S-7.5-36 | 15000 | 36 | 4-1/4 | 16-1/4 | 13-3/4 | 15-3/4 | 2-1/4 | 2-7/32 | 166 |
| 10-10-36 | 10S-10-36 | 20000 | 36 | 4-1/4 | 16 | 14-5/8 | 16-7/16 | 2-19/32 | 2-13/32 | 180 |
| 10-15-36 | 10S-15-36 | 30000 | 36 | 4-1/4 | 15-7/8 | 14-1/2 | 16-5/16 | 2-19/32 | 2-13/32 | 210 |

## Model 15 - Double Hook Beam - Swivel




### SPECIFICATIONS

| Model Number | Rated Capacity (lbs.) | Dimensions (in.) | | | | | | Weight (lbs.) |
|---|---|---|---|---|---|---|---|---|
| | | A | B | C | D | E | O | |
| 15-2-20 | 4000 | 20 | 6-5/8 | 2-1/2 | 10-3/8 | 1-7/16 | 1-11/32 | 60 |
| 15-5-24 | 10000 | 24 | 9-3/8 | 2-1/2 | 11-21/32 | 1-7/16 | 1-11/32 | 68 |





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