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PRICE & SPECIFICATION BOOK

ENTERTAINMENT RIGGING PRODUCTS



Phone (716) 689-5400
(800) 888-0985

Fax (716) 689-5644
www.cm-et.com

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TERMS AND POLICIES

The following are trademarks of Columbus McKinnon Corporation registered in U.S. Patent and Trademark Office:

CM, Cyclone, Rigger, Lodestar, Valustar, Powerstar, RailStar, ShopStar, Airstar, Latchlok, Series 632, Series 633.

The following are trademarks of Columbus McKinnon Corporation:

Protector, ShopAir, LodeRail, Hurricane.

DEFINITIONS AND WARNINGS

NOTES:

Columbus McKinnon Corporation assumes no responsibility for the use or misapplication of any of its products. Products are provided with the express understanding that the purchaser and/or user are thoroughly familiar with the correct application and proper use. The following warnings and definitions are provided as an aid to understanding.

DEFINITIONS:

Working Load Limit — Refers to the maximum load (rated capacity) in pounds that shall be applied in direct tension to a straight length of chain or attachment. The working load limit shall not be exceeded

Proof Test (or Manufacturing Test Force) — Refers to a load in pounds which an attachment or chain (or both) has withstood during a test in which an increasing tension is applied to an attachment or straight length of chain. This is typically accomplished as part of the manufacturing or testing process.

Minimum Break Load — Refers to a load in pounds as applied to an attachment or chain at the time it left the factory that has been found by representative testing to break the item under test of increasing force as applied by a standard testing machine. This is a manufacturing test and such data is not intended for service or design purposes.

WARNING

Never exceed the “working load limit” of chain or attachments, even when the item is new and the load is uniformly applied.

Before use, always inspect chain and attachments for kinking, twisting, knotting, and visible defects such as distortion or damage.

Do not jerk load. Apply a slow, steady pull.

Protect items from corrosion. Any product will break if abused or over-used.

Use only alloy chain and attachments (Grade 80) for overhead lifting purposes, never any other chain.

The terms “working load limit” “proof test” and “minimum break load” contain no implication of what load an attachment or chain will withstand, if any, if the factors noted in the “Definitions” are changed.

The “working load limit” should not be exceeded, even when an attachment or chain is new and the load is uniformly applied.

The manufacturer does not accept any liability for damages which result from an attachment or chain being used in excess of the working load limit.

Any changes in these factors could lessen the load the chain will hold. For examples:

- Acceleration in the rate of application, which could cause dangerous overloading.
- Variation in the angle of the load. As the angle or inclination decreases, the working load capacity will decrease accordingly.
- Twisting, knotting and kinking.
- A purpose other than that for which the chain was intended.

Where attachments such as hooks or rings are desired for use with chain in sustaining loads, care should be taken to select attachments of the type, grade and size recommended for use with corresponding chain with which such attachments are used.

CM GENERAL INFORMATION

The use of rigging accessories presents risk of personal injury and property damage.

This risk is greatly increased if proper rigging procedures and warning information are not adhered to. Users of these accessories are advised to consult a rigging handbook or contact a qualified person for specific application information if the application differs from those discussed in the following guidelines.

Shoulder Eyebolts

- Do not exceed the working load limit – reduce the working load limit according to the adjacent table if loading over than true vertical.
- Inspect eyebolts before use. Do not use if bent more than 15° or if wear of more than 10% of original dimension is evident.
- Install with shoulder at 90° to axis of hole to assure total contact of shoulder. Torque nut/eyebolt to assure proper seating. Check seating after initial loading.
- If installing in tapped hole, make sure depth of thread engagement is at least 1-1/2 times bolt diameter. Thread fit must also be good-tight, not loose-sloppy.
- Where eyebolts must be aligned, a washer or shim may be placed under the shoulder to permit alignment when tightened.
- To minimize the bending moment, always apply load in the direction of the plane of the eye. Reduce working load limit according to table if loaded other than true vertical.
- Never insert a hook tip in an eyebolt; always use a shackle to connect eyebolt to load.
- Do not use a sling reeved through an eyebolt or a pair of eyebolts. Attach each single sling leg to an eyebolt using a shackle.

Turnbuckles

- Do not exceed the working load limit.
- Inspect turnbuckles before use for bent components and worn threads. Do not use if body or end fitting is bent more than 10° from axial center link. Do not use if threads are visibly worn or feel loose.
- Apply turnbuckle in a straight in-line manner only. Do not allow anything to contact the turnbuckle body or end attachment threaded shanks.
- Apply load to center of end attachment eyes and bowl of hooks. Do not tip load hooks or side load eyes.

If in doubt, consult a rigging handbook or discuss with a qualified person.

Refer also to CM Chain and Forged Products Catalog IPC-10 and CM Lifting, Pulling and Binding Products Manual PMC-10 and EPD-10.

Shackles

- Do not exceed the working load limit – refer to catalog page for working load limit data for shackle size being used.
- Inspect before use for wear in bow and pin. Remove from service if wear exceeds 10% of original stock diameter.
- Never use a shackle that is deformed open or closed. Measure distance between eyes and compare to catalog page dimension.
- Never replace a shackle pin with other than the original manufacturer's pin. Shackle pins are special heat treated material.
- Always apply the load straight through center line of pin and bow. If necessary, add spacers (washers) to each side of pin to keep load centered.
- Before applying load, make sure pins are seated torque tight. Also, make sure cotter pins are in place to prevent loosening of pin.
- Do not use a screw pin shackle if the pin can roll under the load and unscrew itself.

If in doubt, consult a rigging handbook or discuss with a qualified person.

Shoulder Eyebolts Working Load Limit

Angle of Loading				
True Vertical	75°	55°	45°	less than 45°
Full Working Load Limit (refer to full catalog page)	55% of Full Working Load Limit	35% of Full Working Load Limit	25% of Full Working Load Limit	Do Not Use

If in doubt, consult a rigging handbook or discuss with a qualified person.

Hooks (Refer also to ANSI/ASME B30.10)

- Do not exceed the working load limit.
- Inspect before use for wear, distortion, cracks, nicks and gouges. Wear must not exceed 10% of original section dimensions; bends and twists must not exceed 10° from plane of unbent hook, throat opening must not show an increase of 15%. Hooks which display any significant findings must be immediately removed from service.
- Do not shock load.
- Do not tip load – apply load only to center of base (bowl/saddle) of hook.
- Do not place a side load or back load on the hook – the only stress applied to the hook should be that of the load itself.
- Use a hook latch unless impractical – do not apply load to hook latch. Latch is to assist hookup and retain items under slack conditions only. Shank hooks are supplied unthreaded. Insufficient thread engagement can result in loss of load.

The following must be observed:

- 1) Shanks are not intended for internal threading or swaging.
- 2) To obtain maximum strength threads to be class 1 or 2.
- 3) Thread engagement in nut or object must be a minimum of 1-1/2 times the thread diameter.

If in doubt, consult a rigging handbook or discuss with a qualified person.

Clamps (Refer also to ANSI/ASME B30.20)

- If not properly installed, operated, and maintained, the use of all mechanical equipment presents the possibility of personal injury or property damage. Before using lifting clamps, become familiar with applicable installation, operation and maintenance requirements. Clamps should be used only by authorized, properly trained operators.
- Observing the following general precautions will guard against damage and injury:
 - Inspect clamps and equipment before use. Do not use if components are bent, elongated, gouged, nicked excessively, worn, or damaged. Make sure that nuts, bolts, pins and other fasteners are tightened and secure. Make sure clamps are functional and will grip the load.
- Do not exceed the clamp's rated load or working load limit of other lifting equipment components.
- Do not move unbalanced load.
- Avoid sudden jerks when applying the load. Rapid load application can produce overloading.
- Use clamps and lifting equipment only if authorized and properly trained.

WARNING

IMPROPER USE OF RIGGING ACCESSORIES MAY RESULT IN PERSONAL INJURY

- TO AVOID INJURY:**
- DO NOT EXCEED WORKING LOAD LIMIT
 - INSPECT ACCESSORIES BEFORE USE
 - APPLY ACCESSORIES AS INSTRUCTED HEREIN

ELECTRIC CHAIN HOIST PRODUCTS

**NEW
LODESTAR**

CM Theatrical Lodestar Electric Chain Hoist & Accessories

Flat Black Powder-Coat Finish

Model	Maximum Capacity (tons)	Hoist Lifting Speed (FPM)	Approximate Shipping Wt. (lbs.)		Less Chain			10 Foot Lift*			60 Foot Lift		
					Product Code		User Price	Product Code		User Price	Product Code		User Price
			115V	230/460V	115V	230/460V		115V	230/460V		115V	230/460V	
B	1/4	16	48	56	3140NH	3169NH	2,205.26	3140NHCF	3169NHCF	2,409.76	3140NHCF	3169NHCF	3,147.26
C	1/4	32	56	59	3200NH	3201NH	2,328.64	3200NHCF	3201NHCF	2,533.14	3200NHCF	3201NHCF	3,270.64
F	1/2	16	56	60	2867NH	2868NH	2,545.59	2867NHCF	2868NHCF	2,750.09	2867NHCF	2868NHCF	3,487.59
J	1/2	32	98	100	3394NH	3482NH	2,766.32	3394NHCF	3482NHCF	3,039.32	3394NHCF	3482NHCF	4,004.32
JJ	1/2	64	-	101	-	-	Call for Price	-	-	Call for Price	-	-	Call for Price
L	1	16	98	100	3609NH	3610NH	2,819.27	3609NHCF	3610NHCF	3,092.27	3609NHCF	3610NHCF	4,057.27
LL	1	32	-	107	-	-	Call for Price	-	-	Call for Price	-	-	Call for Price
R	2	8	105	105	4238NH	4239NH	3,258.67	4238NHCF	4239NHCF	3,768.67	4238NHCF	4239NHCF	5,698.67
RR	2	16	-	115	-	4272NH	4,204.78	-	4272NHCF	4,714.78	-	4272NHCF	6,644.78

NOTE: All Theatrical hoists are shipped less control station and suspension unless otherwise specified. Furnished with 2 1/2 ft. power cord and 2 1/2 ft. control cord.

If station is required specify **code 28464** and add **\$115.27** to list price. Product Codes with CF suffix include swivel hook suspension as standard.

* Use this column and add per foot of lift beyond 10 ft.

Double Brake

Description	User Price
Small Frame	Add \$401.00
Large Frame	Add \$548.00

Installed on Hoist at Factory

Field Retrofit Kits

to Convert Single DC Brake to Double Brake

Product Code	Hoist Model	Voltage	User Price
00001419K	B-C-F	205/230/460	\$364.00
00001422K	J-L-R	205/230/460	\$522.00
00001425K	JJ-LL-RR	205/230/460	\$528.00

Lodestar Suspensions

Flat Black Powder-Coat Finish

	Product Code	Models	Approximate Shipping Wt. (lbs.)	User Price
Rigid Hook	2788NH	A-F	3	\$57.00
	3651NH	J-LL	5	\$80.00
	3658NH	R-RR	8	\$124.00
Swivel Hook	2792NH	A-F	4	\$57.00
	3661NH	J-LL	4	\$80.00
	3660NH	R-RR	8	\$124.00
Rigid Latchlok	2790NH	A-F	2	\$212.00
	3652NH	J-LL	2	\$235.00
	3634ENH	R-RR	10	\$339.00
Swivel Latchlok	2796NH	A-F	2	\$212.00
	3662NH	J-LL	2	\$235.00
	3663NH	R-RR	10	\$339.00

Lodestar Load Chain (Star Grade) Zinc Plated

Rate Capacity (tons)	Hoist Model	Chain Drum Code	Finish	Chain per Ft. Code	Finish*	Chain Price per Ft.	Diameter (in.)	Length per Drum (ft.)	Approximate Shipping Wt. (lbs.)	Drum User Price
1/8, 1/2 1/2, 1	A, AA, B, C, F E, H	85999	Zinc	85944	Zinc	\$14.75	1/4	250	148	\$3,687.50
1/8, 1/2 1/2, 1	A, AA, B, C, F E, H	85011	Zinc	85944	Zinc	\$14.75	1/4	500	304	\$7,375.00
1/8, 1/2 1/2, 1	A, AA, B, C, F E, H	85016	Zinc	85944	Zinc	\$14.75	1/4	1000	600	\$14,750.00
1/2 - 3	J, JJ, L, LL, R, RR, RT, RRT	85996	Zinc	85949	Zinc	\$19.30	5/16	200	184	\$3,860.00
1/2 - 3	J, JJ, L, LL, R, RR, RT, RRT	85012	Zinc	85949	Zinc	\$19.30	5/16	500	475	\$9,650.00
1/2 - 3	J, JJ, L, LL, R, RR, RT, RRT	85017	Zinc	85949	Zinc	\$19.30	5/16	1000	940	\$19,300.00

Lodestar Modification Charges

Begin with standard 10' Lift and add extra charges

Voltage	Models	Extra Chain per ft. of Lift	Extra Control Cord per ft.
115-1-60 or 230/460-3-60	A-AA-B-C-F	\$14.75	\$6.00
	E-H	\$29.50	
	J-L-JJ-LL	\$19.30	
	R-RR	\$38.60	
	RT-RRT	\$57.90	

Lodestar Extras

Description	User Price
Weatherproofing (Hoist Only)	N/C
Acid Protection (Hoist Only)	N/C
Power Cord Strain Relief	\$50.20
Extra Power Cord (Standard Length: 2 1/2 ft.)	\$6.00/foot
Extra Control Cord (Standard Length: 2 1/2 ft.)	\$6.00/foot
Acid Protection Low Headroom Trolley	N/C
Thermal Switch (Klixon) in Hoist Motor	N/C

Rotatable Limit Switch Kit

For Field Retrofit

Product Code	Models	Approx. Shipping Wt. (lbs.)	User Price
5298	A-H	1/2	\$38.97
5299	J-RRT	1/2	\$38.97

ELECTRIC CHAIN HOIST PRODUCTS

**NEW
LODESTAR**

Lodestar Direct Control Hoists

Model	Maximum Capacity (tons)	Hoist Lifting Speed (FPM)	Approximate Shipping Wt. (lbs.) 230/460V	Less Chain / Less Suspension**		10 Foot Lift*		60 Foot Lift	
				Product Code 230/460V	User Price	Product Code 230/460V	User Price	Product Code 230/460V	User Price
B	1/4	16	57	3189NH	\$1,663.87	3189NHCF	\$1,949.24	3189NHCF	\$2,686.87
C	1/4	32	60	3190NH	\$1,757.12	3190NHCF	\$2,042.49	3190NHCF	\$2,780.12
F	1/2	16	61	3192NH	\$1,915.14	3192NHCF	\$2,200.57	3192NHCF	\$2,938.13
J	1/2	32	107	3193NH	\$2,249.25	3193NHCF	\$2,628.51	3193NHCF	\$3,594.51
JJ	1/2	64	108	-	Call for Price	-	Call for Price	-	Call for Price
L	1	16	107	3194NH	\$2,292.35	3194NHCF	\$2,671.61	3194NHCF	\$3,637.61
LL	1	32	114	3199NH	\$3,267.23	3199NHCF	\$3,646.49	3199NHCF	\$4,612.49
R	2	8	129	-	Call for Price	-	Call for Price	-	Call for Price
RR	2	16	132	3195NH	\$3,420.99	3195NHCF	\$4,056.87	3195NHCF	\$5,988.87

NOTE: Note: All hoists are shipped with a 2-1/2 ft. power cord. For other capacities and speeds call the factory for pricing and availability. All NHCF units have the suspension added.

* Use this column and add per foot of lift beyond 10ft.

** To add suspension to the less chain unit, add the suspension price and CF to the model number

Maximum Lifts with Limit Switch

Product Code	Hook Travel with 44TPI Shaft (Standard) (ft.)	Hook Travel with 56TPI Shaft (ft.)	Hook Travel with 64TPI Shaft (ft.)
A, A-2, C, C-2	207	263	301
AA, AA-2	388	494	565
B, B-2, F, FF-2	105	134	153
E, E-2, H, H-2	53	67	77
J, J-2, L, L-2	127	162	185
JJ, JJ-2	489	622	711
L, LL-2	249	317	362
R, R-2	64	81	93
RR, RR-2	124	158	181
RT, RT-2	42	54	62
RRT, RRT-2	83	106	121

Extra Charge for Lodestar Equipped with Latchlok Hooks

	Product Code	Models	Approx. Shipping Weight (lbs.)	User Price
Upper	1050	A, AA, B, C, F	2	\$163.00
	1052	E & H	2	\$198.00
	1054	J, JJ, L & LL	2	\$163.00
	1056	R & RR	10	\$226.00
	1059	RT & RRT	6	\$279.00
Lower	1051	A, AA, B, C, & F	2	\$163.00
	1053	E & H	2	\$198.00
	1051	J, JJ, L & LL	2	\$163.00
	1057	R * RR	4	\$226.00
	1060	RT & RRT	6	\$369.00

CM Low Headroom Trolley (Series 635)*

Product Code	Maximum Capacity (tons)	Model	Approximate Shipping Weight (lbs.)	User Price
3575	1/8 to 1	A thru LL	23	\$335.00
3569	2	R thru RR	52	\$607.00
9576	3	RT thru RRT	80	\$951.00

* Rigid Lug Suspension required for attaching to Hoist. Prices apply to standard flange adjustments. Apply for prices on other than standard.

Lodestar Motor Driven Trolley (Series 635)* 75 FPM & 30 FPM

Product Code		Capacity (tons)	Power Supply	Approximate Shipping Wt. (lbs.)		User Price
75 FPM	30 FPM			75 FPM	30 FPM	
3670	9315	1/8 to 2	115-1-60	118	113	\$3,295.00
3671	9316	1/8 to 2	230-3-60	118	116	\$3,295.00
3672	9317	1/8 to 2	460-3-60	118	117	\$3,295.00
9577	9318	3	115-1-60	120	118	\$3,927.00
9578	9319	3	230-3-60	120	118	\$3,927.00
9579	9320	3	460-3-60	123	119	\$3,927.00

* Rigid Lug Suspension required for attaching to Hoist. Prices apply to standard flange adjustments. Apply for prices on other than standard.

Apply for other speed prices. Std. P.B. Drop is 16'-3" on MDT

Lodestar Chain Containers Complete (Motor Up)



Product Code	+ Bucket Length (in.)	Approx. Ship. Wt. (lbs.)	Maximum Length of Lift (ft.)					User Price
			Models A, AA, B, C & F	Models E & H	Models J, JJ, L & LL	Models R & RR	Models RT & RRT	
2450NH	8	4	10	-	-	-	-	\$62.00
2451NH	11	5	20	10	10	-	-	\$62.00
2452NH	14	5	30	15	15	-	-	\$66.00
2453NH	17	6	40	20	20	10	-	\$69.00
2454NH	20	7	50	25	25	-	-	\$88.00
2455NH	23	7	60	30	30	15	10	\$91.00
2456NH	31	9	90	45	40	20	-	\$95.00
2457NH	36	10	100	50	60	30	20	\$169.00
2458NH	48	13	140	*70	90	45	30	\$358.00
2461NH	10	13	44	22	20	14	9	\$454.00
2463NH	15	15	104	52	66	33	22	\$469.00
2464NH	20	17	166	83	106	53	35	\$484.00
2465NH	25	20	230	115	144	72	48	\$499.00
2466NH	30	23	290	145	150	90	60	\$512.00

For lifts greater than listed (special)... Apply.

+ Advise if bucket length causes headroom problems - larger diameter shorter length buckets available.

* E & H limit switch maximum is 60 ft.

Lodestar Motor Driven Trolley Extras

Description	User Price
Power Cord (standard 2'-6") price per ft of extra length	\$6.00
Control Cord (standard 16'-3") price per ft for extra drop	\$6.00
Trolley Brake - on new units add	\$578.75
Eye Type Suspension Adapter (2 ton max.) Hook Suspension Hoists add (Code 36653)	\$239.15
Weatherproofing (MDT Only)	\$79.80
Acid Protection (MDT Only)	N/C
Two Speed Control MDT (3 Phase only)	\$1,102.60
Thermal Switch (Klixon) in Trolley Motor	\$53.50
2-Step Infinitely Variable Frequency Control	\$1,136.00
3-Step Pushbuttons (per pair)	\$181.00

When ordering, specify code number(s), model, capacity, beam size, power supply, suspension, lift, extra control cord or power cord (if required) and type of electrification (if required).

ELECTRIC CHAIN HOIST PRODUCTS

CM Prostar Electric Chain Hoist

Flat Black Powder-Coat Finish

Single Phase with Contactor

115-1-60 Product Code	220-1-50 Product Code	Rated Capacity (lbs.)	Number of Chains	Lifting Speed (FPM)	60' Lift Approximate Weight (lbs.)	Price with Hook Suspension and 60' Lift	10' Lift Approximate Weight (lbs.)	Price with Hook Suspension and 10' Lift	Approximate Weight Less Chain	Price with Hook Suspension Less Chain
2049CF	2041CF	300	1	16	49	\$1,995.00	34	\$1,435.00	28	\$1,257.90
2018CF	-	500	1	12	49	\$2,262.00	34	\$1,702.00	28	\$1,516.60
2050CF	2044CF	600	2	8	67	\$2,771.00	39	\$1,651.00	36	\$1,363.31

Three Phase - 50 Hertz Voltages run at 5/6 of Standard Speed

208/240-3-60 220/230-3-50 Product Code	440/460-3-60 380/415-3-50 Product Code	Rated Capacity (lbs.)	Number of Chains	Lifting Speed (FPM)	60' Lift Approximate Weight (lbs.)	Price with Hook Suspension and 60' Lift	10' Lift Approximate Weight (lbs.)	Price with Hook Suspension and 10' Lift	Approximate Weight Less Chain	Price with Hook Suspension Less Chain
2042CF	2043CF	300	1	16	49	\$1,995.00	34	\$1,435.00	28	\$1,257.90
2127CF	2128CF	500	1	16	49	\$2,315.00	34	\$1,755.00	28	\$1,567.52
2045CF	2046CF	600	2	8	67	\$2,771.00	39	\$1,651.00	36	\$1,363.31
2129CF	2130CF	1000	2	8	67	\$3,002.00	39	\$1,882.00	36	\$1,587.38

NOTE: All Theatrical Hoists are shipped less Control Station and Suspension unless otherwise specified.

Furnished with 2-1/2 ft. Power Cord and 2-1/2 ft. Control Cord.

If Station is required, specify **code 28464** and add **\$115.27** to list price.

Extra PB Cord **\$6.00/ft.** - furnished with 2-1/2 cord

Extra Chain per foot lift **\$11.20** for single chained, **\$22.40** for double chained.

Extra Power Cord (standard length 2-1/2 ft.) **\$6.00/ft.**

Zinc plated Load Chain per ft. lift **\$12.85** for single chained, **\$25.70** for double chained.

* For Special Lifts (other than 60') Begin with 10' lift price and add appropriate extra prices.

Double Reeving Kit

Lower Hook Block Assembly and Hardware required to convert

300 lb./500 lb. Single Reeved Hoist to 600 lb./1000 lb. Double Reeved.

Product Code	User Price
2009	\$96.00

CM Prostar Chain Containers

Product Code	Max. Length of Lift (ft.)		Approximate Shipping Weight (lbs.)	User Price
	Single Reeved	Double Reeved		
2063	10	-	1	\$53.00
2064	20	10	1.5	\$60.00
2065	40	20	1.5	\$69.00
2066	60	30	1.5	\$76.00
2058	80	40	2.25	\$85.00
2067	120	60	2.25	\$130.00

* For longer lift containers consult factory.

CM Prostar Load Chain (Stargrade)

Drum Product Code	Size (in.)	Chain Product Code	Finish	Ft. per Drum	User Price
85018	0.157	85988	Burnished	250	\$2,800.00
85019	0.157	85988	Burnished	500	\$5,600.00
85020	0.157	85988	Burnished	1000	\$11,200.00

CM ShowPro Direct Control Rigging Hoists (Electric Chain)

Product Code*	Rated Capacity (tons)	Number of Chains	Maximum Lift (ft.)	Lifting Speed (FPM)	Motor HP	Motor** Voltage / Phase / Hertz				Ship Weight Unit 60 ft. Chain (lbs.)	Net Weight Unit 60 ft. Chain (lbs.)	60 ft. Lift Unit User Price
						Amps		Amps				
SPC1003	1/2	1	120	16	1/2	230/3/60	1.9	460/3/60	.95	112	107	\$1,529.00
SPC2003	1	1	120	16	1	230/3/60	3.0	460/3/60	1.5	112	107	\$1,825.00
SPC4003	2	2	60	8	1	230/3/60	3.0	460/3/60	1.5	112	169	\$2,316.00

*Standard Lift 60 feet; not sold less chain

Extra chain per ft. Lift: **\$16.80** single chain units, **\$33.60** double chain units; single pigtail with IEC connector.

** All motor are dual voltage. Motors will operate on 50 Hertz power, but will only run 5/6 nominal speed.

Specify Voltages - 208, 380, 415 (50 or 60 Hertz). For special lift in excess of 120 ft. or 60 ft., consult factory.

4-Way Controller

Control Cords and Connectors

Product Code	Description	User Price
08843W ++	CMC-4 Way Controller Station	\$1,771.00
08847W	Controller Cord 50 ft. Assembly	\$174.68
SP851 1	CEE (IEC) Plug (male)	\$78.00
SP851 2	CEE (IEC) Connector (female)	\$25.30
SP851 3	CEE (IEC) Panel Mount (female)	\$33.23

++ Specify voltage when ordering.

CM ShowPro Chain Containers

Product Code	Maximum Chain Capacity (ft.)			Approximate Shipping Weight (lbs.)	User Price
	1/2 ton	1 ton	2 ton		
UJC927 3	70	70	35	3.5	\$207.00
UJC927 4	120	120	60	4	\$233.00

ELECTRIC CHAIN HOIST PRODUCTS

CM RailStar Motor Driven Trolley

Product Code	Maximum Capacity (tons)	Travel Speed (FPM)	Power Supply	Std. Beam Height (in.)	Std. Flange Width (in.)	Approximate Shipping Wt. (lbs.)	User Price
0300	1/8 to 2	78	230/460-3-60	6 - 18	3-3/8 - 6	108	\$2,318.00
0301	1/8 to 2	78	115-1-60	6 - 18	3-3/8 - 6	107	\$2,318.00
0302	3	78	230/460-3-60	8 - 24	4 - 7	185	\$2,743.00
0303	3	78	115-1-60	8 - 24	4 - 7	184	\$2,743.00

Universal hook plate and 4 button single speed control station included. Standard P.B. drop is 16 ft. Standard power cord length is 4 ft. Imported.



Tractors & Accessories *

Single Unit for Monorail Hoists
Capacities to 5 tons

Maximum Capacity (lbs.)	Speed	Product Code	User Price
2,000	35	TD-235	\$2,478.00
	55	TD-255	\$2,478.00
	70	TD-270	\$2,478.00
	105	TD-2105	\$2,478.00
3,000	35	TD-335	\$2,478.00
	55	TD-355	\$2,478.00
	70	TD-370	\$2,478.00
	105	TD-3105	\$2,478.00
5,000	35	TD-535	\$2,478.00
	55	TD-555	\$2,478.00
	70	TD-570	\$2,478.00
6,000	35	TD-635	\$2,478.00
	55	TD-655	\$2,478.00
10,000	35	TD-1035	\$2,478.00

Standard unit is adjustable for standard I-Beams and Flat Flange Beams from 3.38" to 8" wide.

Tractors to operate on Curved Beams (36" minimum radius or larger) require Flangeless Wheels and Guide Rollers. Add \$482.00 to list price.

Standard Pricing includes Transformer, Control Fuse, 2-Button Pushbutton Station, 10 ft. Drop Cable and Strain Relief Chain.

NOTE: Specify Required Voltage, Phase, Frequency and Beam Size when ordering.

Prices are for Three Phase Only.

For Single Phase, see Options & Accessories.



Tractor Options & Accessories

Description	Price
Motor Brake	\$621.00
24V Controls (in lieu of Standard 115V)	\$169.00
Mainline Contractor (does not include button)	\$336.00
Motor Fuses, Holder, Enclosure	\$366.00
4-Button Push Assembly	\$418.00
6-Button Push Assembly	\$608.00
8-Button Push Assembly	\$731.00
Extra Pushbutton Cable (includes strain relief) (price per foot)	\$5.20
Delete 2-Button Pendant Station, deduct	-\$74.00
Twin Unit for Underhung Bridges*	\$4,652.00
NEMA 4 Panel	\$308.00
Single Phase	\$374.00
2 Speed Adder (not on 35 FPM)	\$838.00
Patented Track (straight track only)	\$118.00
12" Tow Bar	\$118.00
Unit for 575V-3PH-60HZ Power	\$145.00

For options or accessories not listed, consult factory for pricing and availability.

*When ordering, add 'T' in front of single unit catalog number

Example: TTD-235

NOT CSA APPROVED

MANUAL CHAIN HOIST PRODUCTS

Series 653 Lever Operated Hoists

Product Code	Maximum Capacity (tons)	Standard Lift (ft.)	Approx. Shipping Wt. (lbs.)	User Price
5310	3/4	5	19	\$255.00
5311	3/4	10	21	\$293.25
5312	3/4	15	26	\$331.50
5313	3/4	20	28	\$369.75
5328	1	5	19	\$287.00
5315	1-1/2	5	31	\$331.00
5316	1-1/2	10	36	\$377.50
5317	1-1/2	15	41	\$424.00
5318	1-1/2	20	45	\$470.50
5329	2	5	31	\$462.00
5320	3	5	51	\$531.00
5321	3	10	59	\$609.00
5330	6	5	78	\$974.00
5331	6	10	94	\$1,068.00
5332	6	15	110	\$1,161.00
5333	6	20	126	\$1,255.00

For additional lifts, begin with 5 ft. lift and add additional charges.

Extra per foot lift Imported

3/4 - 1 ton	1-1/2 - 2 ton	3 ton	6 ton
\$7.65	\$9.30	\$15.60	\$18.60

Series 653 Lever Operated Hoists

Product Code	Maximum Capacity (tons)	Approx. Shipping Wt. (lbs.)	User Price
5324	3/4	15	\$206.00
5325	1-1/2	20	\$270.00
5326	3	43	\$430.00



Series 653 Lever Operated Hoists

Product Code	Model	Maximum Capacity (tons)	Standard Wire Rope Length* (ft.)	Wire Rope Diameter (in.)	Approx. Shipping Wt. (lbs.)	User Price
0013	GT-1300-32	1	32	5/16	35	\$873.00
0020	GT-2000-65	2	65	7/16	79	\$1,441.00
0035	GT-3500-32	3	32	5/8	94	\$1,939.00

* Wire rope lengths other than indicated, are not available.



Shipyard Hooks for Series 653

Product Code	Maximum Capacity (tons)	Working Load Limit (lbs)	Approx. Shipping Wt. (lbs.)	User Price
Upper Shipyard Hook				
3315WLP	1.5	3000	2.9	\$83.00
3303WPL	3.0	6000	4.8	\$109.00
Lower Shipyard Hook				
3414WLP	1.5	3000	2.1	\$83.00
3403WLP	3.0	6000	4.8	\$109.00

Series 653 with Shipyard Hooks

Product Code	Maximum Capacity (tons)	Standard Lift (ft.)	Approx. Shipping Wt. (lbs.)	User Price
5336*	1-1/2	5	27	\$414.00
5337*	1-1/2	5	28	\$497.00
5338*	3	5	45	\$640.00
5339*	3	5	46	\$749.00

* Contains Lower Shipyard Hook only.

** Contains Lower and Upper Shipyard Hooks

Available in Standard Lift Only

MANUAL CHAIN HOIST PRODUCTS

Wire Rope Lever Hoists

Product Code	Single Line			Double Line			Cable Diameter (in.)	Approx. Shipping Weight (lbs.)	User Price
	Rated Capacity (tons)	Lift (ft.)	Minimum Headroom (in.)	Rated Capacity (tons)	Lift (ft.)	Minimum Headroom (in.)			
04601W	1/2	23	20	N/A	N/A	N/A	3/16	11	\$223.00
04602W	1/2	23	20	1	11-1/2	27	3-16	14	\$252.00
04610W	3/4	17	20	N/A	N/A	N/A	1/4	11-1/2	\$251.00
04611W	3/4	17	20	1-1/2	9	27	1/4	14	\$271.00
04620W	3/4	22	20	1-1/2	11	27	1/4	15-1/4	\$308.00
04621W	3/4	22	20	1-1/2	11-1/4	27	1/4	17	\$344.00
04631W	1	17	20	2	8-1/2	27	9/32	16-1/2	\$331.00



Mini Hoists

Product Code	Model	Rated Capacity (tons)	Cable Diameter (in.)	Approx. Shipping Wt (lbs.)	User Price
0210	Series 602	550	5	6	\$150.00
0214	Series 602 with 10' Lift	550	10	7	\$191.00
0212	Series 602 Carry Bag	—	—	0.3	\$19.00
0215	Series 603	1100	5	7	\$200.00
0216	Series 603 with 10' Lift	1100	10	8	\$249.00
0217	Series 603 Carry Bag	—	—	0.3	\$20.00



Hurricane 360° Hand Chain Hoists

Product Code	Maximum Capacity (tons)	Standard Lift (ft.)	Approx. Shipping Weight (lbs.)	User Price	Extra Lift per Foot		
					Hand & Load Chain	Load Chain Only	Hand Chain Only
5623A	1/2	10	18.5	\$312.00	\$16.50	\$6.00	\$10.50
5624A	1/2	15	23.0	\$394.50	\$16.50	\$6.00	\$10.50
5625A	1/2	20	29.3	\$477.00	\$16.50	\$6.00	\$10.50
5651A	1/2	30	37.1	\$600.00	\$16.50	\$6.00	\$10.50
5626A	1	10	26.5	\$354.00	\$18.15	\$7.65	\$10.50
5627A	1	15	28.7	\$444.75	\$18.15	\$7.65	\$10.50
5628A	1	20	39.7	\$535.50	\$18.15	\$7.65	\$10.50
5653A	1	30	53.5	\$675.00	\$18.15	\$7.65	\$10.50
5629A	2	10	42.1	\$551.00	\$19.80	\$9.30	\$10.50
5630A	2	15	47.8	\$650.00	\$19.80	\$9.30	\$10.50
5631A	2	20	60.4	\$749.00	\$19.80	\$9.30	\$10.50
5635A	3	10	67.9	\$940.00	\$37.20	\$15.60	\$10.50
5636A	3	15	76.0	\$1,070.50	\$37.20	\$15.60	\$10.50
5637A	3	20	91.9	\$1,201.00	\$37.20	\$15.60	\$10.50
5639A	5	10	87.7	\$1,218.00	\$41.70	\$15.60	\$10.50
5640A	5	15	95.8	\$1,426.50	\$41.70	\$15.60	\$10.50
5641A	5	20	111.7	\$1,635.00	\$41.70	\$15.60	\$10.50
5643A	10	10	148.5	\$2,408.00	\$82.65	\$24.05	\$10.50
5644A	10	15	166.0	\$2,821.25	\$82.65	\$24.05	\$10.50
5645A	10	20	202.7	\$3,234.50	\$82.65	\$24.05	\$10.50

Standard Hand Chain drop 2 ft. less than Lift. For additional Lifts, begin with 8 ft. and add extra charge.

Hurricane 360° (Less Chain)

Product Code	Maximum Capacity (tons)	Approx. Shipping Weight (lbs.)	User Price
5632A	1/2	15	\$229.00
5633A	1	20	\$259.00
5634A	2	29	\$360.00
5638A	3	52	\$509.00
5642A	5	72	\$680.00
5646A	10	174	\$1,836.00



MANUAL CHAIN HOIST PRODUCTS & BEAM CLAMPS

Series 622 Hand Chain Hoist

Product Code	Maximum Capacity (tons)	Standard Lift (ft.)	Approx. Shipping Weight (lbs.)	User Price	Extra Lift per Foot		
					Hand & Load Chain	Load Chain Only	Hand Chain Only
2255	1/2	10	18	\$130.00	\$12.00	\$6.00	\$6.00
2208	1/2	15	25	\$190.00			
2231	1/2	20	30	\$226.00			
2263	1/2	30	28	\$370.00			
2256	1	10	26	\$147.00	\$13.65	\$7.65	\$6.00
2210	1	15	30	\$215.25			
2262	1	20	38	\$283.50			
2264	1	30	48	\$420.00			
2258	2	10	61	\$299.00	\$21.60	\$15.60	\$6.00
2213	2	15	71	\$407.00			
2233	2	20	80	\$515.00			
2272	2	30	85	\$731.00			
2259	3	10	89	\$365.00	\$37.20	\$31.20	\$6.00
2223	3	15	99	\$551.00			
2214	3	20	109	\$737.00			
2260	5	10	91	\$827.00			
2257	5	15	107	\$1,013.00	\$37.20	\$31.20	\$6.00
2234	5	20	123	\$1,199.00			

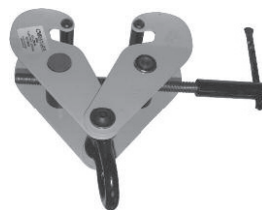


Standard Hand Chain drop 2 ft. less than Lift. For additional Lifts, begin with 10 ft. and add extra charge. Imported.

Screwlok Beam Clamps

Product Code	Flange	Load Limit (lbs)	Approximate Shipping Weight (lbs.)	User Price
SC921	3 to 8-1/4	2,200	11.00	\$171.00
SC922	3 to 8-1/4	4,400	13.50	\$193.00
SC923	4 to 10-5/8	6,600	17.50	\$307.00
SC923/L	3 to 12	6,600	20.00	\$384.00
SC925	4 to 10-5/8	11,000	22.00	\$403.00
SC925/L	3 to 12	11,000	26.50	\$504.00
SC9210	3 to 12	22,000	35.50	\$599.00

Yellow in color



Beam Clamps

Model Number	Product Code	Rated Capacity (ton)	Flange Width (in.)	Approximate Shipping Weight (lbs.)	User Price
BC-1	09001W	1	3-9	8 1/2	\$86.00
BC-2	09002W	2	3-9	10 1/2	\$96.00
BC-3	09003W	3	3.2 - 12.6	20 1/4	\$148.00
BC-5	09004W	5	3.6 - 12.2	24 1/4	\$185.00
BC-10	09005W	10	3.6 - 12.6	34	\$295.00

Black in color



CM SHACKLES



Theatrical Shackles

Black Phosphate Finish, 100% Proof Tested

Product Code	Size Diameter (in.)	Working Load Limit (lbs)	Approximate Shipping Weight (lbs.)	User Price
45799	1/2	3	0.75	\$18.00
45800	5/8	4-1/2	1.44	\$26.60
45801	3/4	6-1/2	2.38	\$37.55

Type



Anchor Shackles
Screw Pin

* "B" indicates Black paint; "P" indicates Orange paint

Screw Pin Anchor Shackles - Carbon Steel

Size Diameter (in.)	Working Load Limit (ton)	Std. Pkg.	Approx. Wgt. Ea. (lbs.)	Galvanized			Painted*		
				Product Code	Pkg. Price	Piece Price	Product Code	Pkg. Price	Piece Price
3/16	1/2	50	0.06	M645G	\$6.33	\$6.71	-	-	-
1/4	3/4	50	0.12	M646G	\$6.63	\$7.03	M646B	\$6.52	\$6.91
5/16	1	50	0.20	M647G	\$8.47	\$8.98	M647B	\$8.14	\$8.63
3/8	1-1/2	50	0.30	M648G	\$8.93	\$9.47	M648B	\$8.69	\$9.21
1/2	3	50	0.75	M650G	\$12.20	\$12.93	M650B	\$12.08	\$12.80
5/8	4-1/2	25	1.30	M651G	\$22.59	\$23.95	M651B	\$20.73	\$21.97
3/4	6-1/2	20	2.30	M652G	\$32.42	\$34.37	M652B	\$29.81	\$31.60
7/8	8-1/2	10	3.50	M653G	\$44.74	\$47.42	M653B	\$40.37	\$42.79
1	10	5	5.00	M654G	\$60.21	\$63.82	M654B	\$53.13	\$56.32
1-1/8	12	Bulk	7.00	M655G	-	\$87.81	M655P	-	\$79.89
1-1/4	14	Bulk	9.50	M656G	-	\$125.51	M656P	-	\$114.89
1-3/8	17	Bulk	12.50	M666G	-	\$163.39	M666P	-	\$146.48
1-1/2	20	Bulk	17.20	M657G	-	\$192.92	M657P	-	\$174.99
1-5/8	24	Bulk	23.50	M685G	-	\$264.09	M685P	-	\$248.81
1-3/4	30	Bulk	27.70	M677G	-	\$334.49	M677P	-	\$285.20
2	35	Bulk	39.00	M658G	-	\$427.82	M658P	-	\$373.60

Screw Pin Anchor Shackles - Alloy Steel

Size Diameter (in.)	Working Load Limit (ton)	Std. Pkg.	Approx. Wgt. Ea. (lbs.)	Galvanized			Painted*		
				Product Code	Pkg. Price	Piece Price	Product Code	Pkg. Price	Piece Price
3/8	2	50	0.30	M648AG	\$12.35	\$13.09	M648AP	\$12.50	\$13.25
7/16	2.6	50	0.50	M649AG	\$14.85	\$15.74	M649AP	\$14.43	\$15.30
1/2	3.3	50	0.75	M650AG	\$18.37	\$19.47	M650AP	\$17.99	\$19.07
5/8	5	25	1.30	M651AG	\$26.94	\$28.56	M651AP	\$26.54	\$28.13
3/4	7	20	2.30	M652AG	\$38.64	\$40.96	M652AP	\$37.57	\$39.82
7/8	9.5	10	3.50	M653AG	\$50.41	\$53.43	M653AP	\$49.56	\$52.53
1	12.5	5	5.00	M654AG	\$67.67	\$71.73	M654AP	\$65.78	\$69.73
1-1/8	15	Bulk	7.00	M655AG	-	\$96.78	M655AP	-	\$94.05
1-1/4	18	Bulk	9.50	M656AG	-	\$140.15	M656AP	-	\$136.25
1-3/8	21	Bulk	12.50	M666AG	-	\$188.49	M666AP	-	\$182.98
1-1/2	25	Bulk	17.20	M657AG	-	\$263.53	M657AP	-	\$246.70
1-5/8	29	Bulk	23.50	M685AG	-	\$404.06	M685AP	-	\$387.18
1-3/4	34	Bulk	27.70	M677AG	-	\$447.74	M677AP	-	\$411.44
2	43	Bulk	39.00	M658AG	-	\$623.11	M658AP	-	\$582.80

Type



Anchor Shackles
Screw Pin

* "P" indicates Orange paint

Type



Screw Pin

* "P" indicates Orange paint

Long Reach Shackles

Size Diameter (in.)	Working Load Limit (lbs.)	Approx. Wgt. Ea. (lbs.)	Self Colored		Painted*	
			Product Code	Price Each	Product Code	Price Each
3/4	10,000	2.72	M7152	\$60.42	M7152P	\$64.65
1	19,000	5.86	M7154	\$75.51	M7154P	\$79.29
1-1/2	34,000	19.60	M7157	\$159.43	M7157P	\$168.61

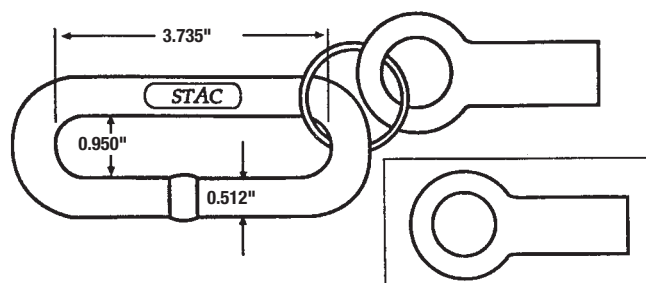
WARNING

DO NOT EXCEED WORKING LOAD LIMIT
USE ONLY ALLOY CHAIN WITH COMPATIBLE COMPONENTS FOR OVERHEAD LIFTING.

CHAIN SET & SPECIAL THEATRICAL ALLOY CHAIN

Bulk Special Theatrical Alloy Chain

Product Code	Unit of Measure	Approx. Shipping Wt. (lbs.)	User Price
695550	Foot	1.87	\$12.05 per foot
695550D250	Drum (250)	467.75	\$3,012.75 per drum
695550D500	Drum (500)	932.50	\$6,025.50 per drum



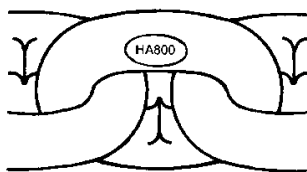
Special Theatrical Alloy Chain

Product Code	Length (ft.)	Approx. Shipping Weight (lbs.)	User Price
695575	3	6	\$67.15
695576	4	7	\$78.85
695577	5	9	\$90.60
695578	6	11	\$102.30
695579	7	13	\$113.80
695580	8	15	\$125.55
695581	9	17	\$137.40
695582	10	18	\$149.25
695583	11	20	\$160.95
695584	12	22	\$172.60
695585	13	24	\$185.30
695586	14	26	\$196.05
695587	15	28	\$207.90

Serial Tag and Split Rings

Product Code	Description	User Price
557209	Tag Phosphate	\$4.75
660906	Split Ring Z/P	\$1.60
660907	Split Ring Phosphate	\$1.60

HERC-ALLOY 800 CHAIN - PROOF TESTED



Permanent Identification: Herc-Alloy 800 chains have embossed marks, HA 800 for grade plus a CM trace code, appearing alternately.

CM Herc-Alloy 800 Chain (Grade 80)

Chain Size		Working Load Limit (lbs.)	Nominal Chain Dimensions			Per Foot				Per Drum			
(in.)	(mm)		A (in.)	B (in.)	C (in.)	Product Code	Approx. Weight (lbs.)	Approx. No of Links per Foot	Price Per Foot	Product Code	Length (ft.)	Approx. Weight (lbs.)	Price Per Drum
7/32	5.5	2,100	0.218	0.676	0.312	607020	0.44	17.8	\$3.85	677010	800	354	\$3,080.00
9/32	7	3,500	0.281	0.883	0.883	607028	0.73	13.6	\$4.20	677011	500	365	\$2,100.00
5/16	8	4,500	0.315	1.019	0.455	607031	0.91	11.8	\$4.75	-	-	-	-
3/8	10	7,100	0.394	1.247	0.574	607037	1.44	9.6	\$5.30	677013	500	719	\$2,650.00
1/2	13	12,000	0.512	1.440	0.734	607050	2.55	8.3	\$9.00	677015	300	765	\$2,700.00
5/8	16	18,100	0.630	1.777	0.855	607062	3.82	6.8	\$12.60	677016	200	765	\$2,520.00
3/4	20	28,300	0.787	2.234	1.070	607075	5.95	5.4	\$21.30	677017	100	596	\$2,130.00
7/8	22	34,200	0.875	2.250	1.137	607087	7.76	5.3	\$32.50	677018	100	776	\$3,250.00
1	26	47,700	1.000	3.070	1.490	607101	9.41	3.9	\$58.20	677019	100	990	\$5,820.00
1-1/4	32	72,300	1.250	3.920	1.740	607128	14.2	3.1	\$131.80	677070	90	1278	\$11,862.00

RIGGING ACCESSORIES



Eye & Eye
(EE)



Hook & Hook
(HH)



Hook & Eye
(HE)



Jaw & Eye
(JE)



Jaw & Jaw
(JJ)

Turnbuckles

Thread Diameter (in.)	Take Up (in.)	Eye & Eye (EE)			Hook & Hook* (HH)			Hook & Eye* (HE)			Jaw & Eye (JE)			Jaw & Jaw (JJ)		
		Approx. Weight (lbs.)	Product Code	Price Each	Approx. Weight (lbs.)	Product Code	Price Each	Approx. Weight (lbs.)	Product Code	Price Each	Approx. Weight (lbs.)	Product Code	Price Each	Approx. Weight (lbs.)	Product Code	Price Each
1/4	4	0.40	0404EE	\$18.22	-	0404HH	\$18.22	-	0404HE	\$18.22	0.40	0404JE	\$22.31	0.40	0404JJ	\$25.02
5/16	4-1/2	0.60	0504EE	\$20.78	-	0504HH	\$20.78	-	0504HE	\$20.78	0.60	0504JE	\$23.66	0.60	0504JJ	\$26.76
3/8	6	0.90	0606EE	\$21.99	0.80	0606HH	\$21.99	0.80	0606HE	\$21.99	0.90	0606JE	\$26.76	0.90	0606JJ	\$30.99
1/2	6	1.80	0806EE	\$26.76	1.50	0806HH	\$26.76	1.50	0806HE	\$26.76	1.80	0806JE	\$29.81	1.80	0806JJ	\$33.71
1/2	9	2.10	0809EE	\$34.75	1.90	0809HH	\$34.75	1.90	0809HE	\$34.75	2.10	0809JE	\$38.36	2.10	0809JJ	\$43.94
1/2	12	2.40	0812EE	\$40.92	2.30	0812HH	\$40.92	2.30	0812HE	\$40.92	2.40	0812JE	\$44.01	2.40	0812JJ	\$49.47
5/8	6	3.00	1006EE	\$36.69	2.50	1006HH	\$36.69	2.50	1006HE	\$36.69	3.00	1006JE	\$41.87	3.00	1006JJ	\$48.27
5/8	9	3.70	1009EE	\$46.35	3.30	1009HH	\$46.35	3.30	1009HE	\$46.35	3.70	1009JE	\$52.34	3.70	1009JJ	\$60.49
5/8	12	4.20	1012EE	\$53.55	3.80	1012HH	\$53.55	3.80	1012HE	\$53.55	4.20	1012JE	\$60.31	4.20	1012JJ	\$68.95
3/4	6	4.60	1206EE	\$60.49	3.90	1206HH	\$60.49	3.90	1206HE	\$60.49	4.60	1206JE	\$63.44	4.60	1206JJ	\$66.33
3/4	9	5.40	1209EE	\$68.80	4.80	1209HH	\$68.80	4.80	1209HE	\$68.80	5.40	1209JE	\$71.99	5.40	1209JJ	\$77.33
3/4	12	6.00	1212EE	\$76.54	5.40	1212HH	\$76.54	5.40	1212HE	\$76.54	6.00	1212JE	\$83.72	6.00	1212JJ	\$93.64
3/4	18	7.70	1218EE	\$98.58	7.00	1218HH	\$98.58	7.00	1218HE	\$98.58	7.70	1218JE	\$103.84	7.70	1218JJ	\$112.40
7/8	12	8.40	1412EE	\$102.09	7.40	1412HH	\$102.09	7.40	1412HE	\$102.09	8.40	1412JE	\$106.27	8.40	1412JJ	\$122.71
7/8	18	10.70	1418EE	\$134.37	9.60	1418HH	\$134.37	9.60	1418HE	\$134.37	10.70	1418JE	\$146.13	10.70	1418JJ	\$152.76
1	6	9.70	1606EE	\$115.12	9.00	1606HH	\$115.12	9.00	1606HE	\$115.12	9.70	1606JE	\$121.37	9.70	1606JJ	\$127.59
1	12	11.90	1612EE	\$130.14	11.20	1612HH	\$130.14	11.20	1612HE	\$130.14	11.90	1612JE	\$133.59	11.90	1612JJ	\$141.67
1	18	14.80	1618EE	\$165.38	13.80	1618HH	\$165.38	13.80	1618HE	\$165.38	14.80	1618JE	\$185.27	14.80	1618JJ	\$202.20
1	24	18.20	1624EE	\$237.03	17.10	1624HH	\$237.03	17.10	1624HE	\$266.21	18.20	1624JE	\$239.36	18.20	1624JJ	\$266.22
1-1/4	12	23.80	2012EE	\$198.69	31.20	-	-	31.20	-	-	-	-	-	23.80	2012JJ	\$274.25
1-1/4	18	27.50	2018EE	\$257.80	38.20	-	-	38.20	-	-	-	-	-	27.50	2018JJ	\$341.53
1-1/4	24	33.70	2024EE	\$318.28	-	-	-	-	-	-	-	-	-	33.70	2024JJ	\$455.22
1-1/2	12	38.10	2412EE	\$308.83	-	-	-	-	-	-	-	-	-	38.10	2412JJ	\$420.45
1-1/2	18	44.20	2418EE	\$366.85	-	-	-	-	-	-	-	-	-	44.20	2418JJ	\$473.97
1-1/2	24	48.40	2424EE	\$459.83	-	-	-	-	-	-	-	-	-	48.40	2424JJ	\$601.70

Imported
Hot Dip Galvanized
Turnbuckle Locknuts available

RIGGING ACCESSORIES

Shoulder Eyebolt



Size Diameter (in.)	Working Load Limit (lbs.)	Approx. Weight Each (lbs.)	Product Code	UPC - 43927	Price Each
1/4 x 1	500	.06	456920	20865	\$4.86
5/16 x 1-1/8	900	.11	456921	20866	\$4.92
3/8 x 1-1/4	1,300	.18	456022	20867	\$5.90
1/2 x 1-1/2	2,400	.35	456923	20868	\$7.76
5/8 x 1-3/4	4,000	.70	456924	20869	\$11.29
3/4 x 2	5,000	1.10	456925	20870	\$14.82
7/8 x 2-1/4	7,000	1.70	456926	20871	\$19.61
1 x 2-1/2	9,000	2.36	456927	20872	\$26.43
1-1/4 x 3	15,000	4.68	456028	20873	\$56.88
1-1/2 x 3-1/2	21,000	7.77	456929	20874	\$99.17

Made in U.S.A.



Forged Wire Rope Clips (Hot Dipped-Galvanized for Industrial Use)

Size (in.)	Minimum No. of Clips	Standard Package	Rope Turnback (in.)	Torque (ft./lbs.)	Weight per 100 lbs.	Product Code	Pkg. Price	Piece Price
1/8	2	50	3-1/4	4-1/2	5	M244	\$3.32	\$3.52
3/16	2	50	3-3/4	7-1/2	9	M245	\$3.54	\$3.75
1/4	2	50	4-3/4	15	18	M246	\$4.94	\$5.24
5/16	2	50	5-1/4	30	30	M247	\$5.23	\$5.54
3/8	2	50	6-1/2	45	42	M248	\$5.45	\$5.78
7/16	2	50	7	65	70	M249	\$8.49	\$9.00
1/2	3	20	11-1/2	65	75	M250	\$8.63	\$9.15
9/16	3	20	12	95	100	M296	\$10.74	\$11.38
5/8	3	20	12	95	100	M251	\$11.10	\$11.77
3/4	4	10	18	130	150	M252	\$14.41	\$15.27
7/8	4	10	20	225	240	M253	\$20.57	\$21.80
1	5	10	26	225	250	M254	\$23.73	\$25.15
1-1/8	6	5	34	225	310	M255	\$26.48	\$28.07
1-1/4	7	5	37	360	460	M256	\$38.17	\$40.46
1-3/8	7	5	44	360	520	M257	\$50.00	\$53.00
1-1/2	8	5	48	360	590	M258	\$51.39	\$54.47

Precision manufactured and galvanized to meet federal specifications (FF-C-450 Type 1 Class 1) on 1/4" and larger. Drop forged base * 1/8" - 5/8" packed 1 piece per polybag. 3/4" & larger shipped assembled in factory packs and tagged.



*

WARNING

DO NOT EXCEED WORKING LOAD LIMIT

USE ONLY ALLOY CHAIN WITH COMPATIBLE COMPONENTS FOR OVERHEAD LIFTING.

HOIST RINGS

Heavy Duty Hoist Ring

Rated Load (lbs.)	Bolt Length (in.)	Thread Size (in.)	Net Weight (lbs.)	Product Code	Price Each
500	0.56	1/4-20	0.5	433112	\$70.83
800	0.56	5/16-18	0.52	433212	\$70.83
800	1.06	5/16-18	0.54	433214	\$70.83
1,000	0.56	3/8-16	0.56	433312	\$70.83
1,000	1.06	3/8-16	0.58	433314	\$70.83
2,500	0.75	1/2-13	1.71	433512	\$85.82
2,500	1.00	1/2-13	1.72	433515	\$85.82
2,500	1.25	1/2-13	1.82	433516	\$85.82
4,000	0.75	5/8-11	1.76	433612	\$85.82
4,000	1.00	5/8-11	1.78	433614	\$85.82
4,000	1.25	5/8-11	1.88	433615	\$85.82
5,000	1.00	3/4-10	1.89	433714	\$89.18
5,000	1.50	3/4-10	2.02	433716	\$89.18
7,000	1.20	3/4-10	7.23	433102	\$194.08
7,000	1.70	3/4-10	7.25	433103	\$194.08
8,000	1.20	7/8-9	7.33	433101	\$194.08
10,000	1.45	1-8	7.57	433105	\$201.38
10,000	1.70	1-8	7.63	433106	\$201.38
10,000	2.45	1-8	7.84	433107	\$201.38
15,000	2.63	1 1/4-7	16.00	433401	\$299.71
20,000	2.63	1 3/8-6	17.20	433420	\$320.75
24,000	2.63	1 1/2-6	18.10	433424	\$345.25
30,000	2.96	2-4 1/2	22.90	433427	\$581.52
30,000	2.96	2-8	22.90	433432	\$581.52



Hoist Ring - Metric

Rated Load (Kg.)	Bolt Length (mm)	Thread Size (mm)	Net Weight (Kg.)	Product Code	Price Each	Price Each
400	16.00	M8 x 1.25	9.50	0.24	434212	\$85.06
400	21.00	M8 x 1.26	9.50	0.25	434214	\$85.06
450	16.00	M10 x 1.5	16.00	0.25	434312	\$85.06
450	26.00	M10 x 1.5	16.00	0.26	434314	\$85.06
1,050	25.00	M12 x 1.75	37.00	0.78	434515	\$107.87
1,050	32.00	M12 x 1.75	37.00	0.83	434516	\$107.87
1,900	25.00	M16 x 2.0	80.00	0.81	434614	\$108.90
1,900	32.00	M16 x 2.0	80.00	0.85	434615	\$108.90
2,200	25.00	M20 x 2.5	135.00	0.86	434714	\$115.23
2,200	38.00	M20 x 2.5	135.00	0.92	434716	\$115.23
3,000	28.00	M20 x 2.5	135.00	3.14	434101	\$228.64
4,200	28.00	M24 x 3.0	311.00	3.29	434102	\$230.45
4,200	38.00	M24 x 3.0	311.00	3.30	434103	\$230.45
4,500	38.00	M30 x 3.5	311.00	3.44	434105	\$238.99
4,500	48.00	M30 x 3.5	311.00	3.55	434107	\$238.99
7,000	67.00	M30 x 3.5	637.20	7.26	434401	\$392.78
11,000	67.00	M36 x 4.0	1085.50	8.21	434402	\$458.71
12,500	80.00	M42 x 4.5	1085.50	10.14	434403	\$528.77
13,500	80.00	M48 x 5.0	1085.50	10.59	434404	\$639.80



TROLLEYS

Series 632 - Plain Ball Bearing Trolley

Product Code	Max Capacity (tons)	Standard Beam Height (in.)	Standard Flange Width (in.)	Approximate Shipping Weight (lbs.)	User Price
3222	1/4 & 1/2	4 - 12	2-5/8 - 5-1/16	10	\$174.00
3224	1	4 - 12	2-5/8 - 5-1/16	12	\$213.00
3226	1-1/2 & 2	6 - 15	3-3/8 - 5-1/8	25	\$349.00
3230	3	8 - 18	4 - 6-1/4	33	\$612.00



Series 633 - Plain Ball Bearing Trolley

Product Code	Max Capacity (tons)	Standard Beam Height (in.)	Standard Flange Width (in.)	Approximate Shipping Weight (lbs.)	User Price
3302	1/2	3 - 15	2-1/2 - 5-5/8	17	\$171.00
3304	1	5 - 24	3 - 8	36	\$202.00
3306	2	6 - 24	3-5/8 - 8	53	\$336.00
3307	3	8 - 24	4 - 8	100	\$571.00
3309	5	10 - 24	4-5/8 - 8	179	\$863.00



CBT Trolleys - Plain

Product Code	Max Capacity (tons)	Standard Beam Height (in.)	I-Beam Width (in.)	Min. Radius Curve (in.)	Wheel Tread Diameter (in.)	Approximate Shipping Weight (lbs.)	User Price
CBTP0025	1/4	4 - 24	2.0 - 8.7	27	2.36	19	\$163.00
CBTP0050	1/2	4 - 24	2.0 - 8.7	27	2.36	19	\$163.00
CBTP0100	1	5 - 24	2.3 - 8.7	36	2.36	26	\$196.00
CBTP0150	1-1/2	6 - 24	2.3 - 8.7	45	3.15	46	\$320.00
CBTP0200	2	6 - 24	2.3 - 8.7	45	3.15	46	\$320.00
CBTP0300	3	8 - 24	3.0 - 8.7	55	4.41	86	\$554.00
CBTP0500	5	10 - 24	3.0 - 8.7	70	4.92	130	\$771.00



CBT Trolleys - Geared

Product Code	*Max Capacity (tons)	Standard Beam Height (in.)	I-Beam Width (in.)	Min. Radius Curve (in.)	Wheel Tread Diameter (in.)	Approximate Shipping Weight (lbs.)	User Price
CBTG0100	1/2	5 - 24	2.3 - 8.7	36	2.36	45	\$668.00
CBTG0150	1	6 - 24	2.3 - 8.7	45	3.15	66	\$889.00
CBTG0200	2	6 - 24	2.3 - 8.7	45	3.15	69	\$889.00
CBTG0300	3	8 - 24	3.0 - 8.7	55	4.41	111	\$1,210.00
CBTG0500	5	10 - 24	3.5 - 8.7	70	4.92	158	\$1,696.00

* Metric Rated

NOTE: Standard hand chain drop is 7.5 feet. For longer than standard 7.5 foot, add \$10.50 per foot drop.



TROLLEYS

Model 84A Trolleys - Plain



Capacity (tons)	Flange Width Adjustment Range (in.)	Approx. Shipping Weight (lbs.)	Plain Trolley		Spark Resistant Trolley	
			Product Code	User Price Each	Product Code*	User Price Each
1/4	2.66" - 5"	23	1641-0025	\$393.00	1641-0025SR	\$834.00
1/2	2.66" - 5"	23	1641-0050	\$393.00	1641-0050SR	\$834.00
1	3" - 6"	43	1641-0100	\$445.00	1641-0100SR	\$834.00
1-1/2	3" - 6"	45	1641-0150	\$503.00	1641-0150SR	\$1,240.00
2	3.33" - 6.25"	67	1641-0200	\$549.00	1641-0200SR	\$1,240.00
3	3.33" - 6.25"	70	1641-0300	\$725.00	1641-0300SR	\$1,948.00
4	4" - 7"	155	1641-0400	\$874.00	1641-0400SR	\$2,271.00
5	4" - 7"	160	1641-0500	\$1,185.00	1641-0500SR	\$2,297.00
6	4" - 7"	160	1641-0600	\$1,185.00	1641-0600SR	\$2,297.00
8	4.62" - 8"	300	1641-0800	\$1,844.00	1641-0800SR	\$3,886.00
10	4.62" - 8"	310	1641-1000	\$2,358.00	1641-1000SR	\$5,094.00
12	4.62" - 8"	310	1641-1200	\$2,358.00	1641-1200SR	\$5,211.00
16	6" - 8"	800	1641-1600	\$4,586.00	1641-1600SR	\$10,307.00
20	6" - 8"	845	1641-2000	\$5,024.00	1641-2000SR	\$10,843.00
25	6" - 8"	1045	1641-2500	\$5,564.00	1641-2500SR	\$11,443.00



Model 84A Trolleys - Geared



Capacity (tons)	Flange Width Adjustment Range (in.)	Approx. Shipping Weight (lbs.)	Plain Trolley		Spark Resistant Trolley	
			Product Code	User Price Each	Product Code*	User Price Each
1/4	2.66" - 5"	23	1642-0025	\$683.00	1642-0025SR	\$1,303.00
1/2	2.66" - 5"	23	1642-0050	\$683.00	1642-0050SR	\$1,303.00
1	3" - 6"	43	1642-0100	\$756.00	1642-0100SR	\$1,464.00
1-1/2	3" - 6"	45	1642-0150	\$819.00	1642-0150SR	\$1,594.00
2	3.33" - 6.25"	67	1642-0200	\$878.00	1642-0200SR	\$1,706.00
3	3.33" - 6.25"	70	1642-0300	\$1,160.00	1642-0300SR	\$2,133.00
4	4" - 7"	155	1642-0400	\$1,296.00	1642-0400SR	\$2,669.00
5	4" - 7"	160	1642-0500	\$1,673.00	1642-0500SR	\$2,885.00
6	4" - 7"	160	1642-0600	\$1,673.00	1642-0600SR	\$2,885.00
8	4.62" - 8"	300	1642-0800	\$2,369.00	1642-0800SR	\$4,278.00
10	4.62" - 8"	310	1642-1000	\$3,309.00	1642-1000SR	\$6,059.00
12	4.62" - 8"	310	1642-1200	\$3,309.00	1642-1200SR	\$6,094.00
16	6" - 8"	800	1642-1600	\$5,801.00	1642-1600SR	\$12,920.00
20	6" - 8"	845	1642-2000	\$6,570.00	1642-2000SR	\$14,187.00
25	6" - 8"	1045	1642-2500	\$7,408.00	1642-2500SR	\$14,637.00



NOTE: Standard hand chain drop 8 feet - zinc plated. For longer than standard 8 foot, add \$9.20 per foot drop.

NOTE: Standard hand chain drop 8 feet - spark resistant. For longer than standard 8 foot, add \$11.15 per foot drop.

TROLLEYS

Model 84A Trolleys-Plain-For Wide Flange Beams



Capacity (tons)	Flange Width Adjustment Range (in.)	Plain Trolley		Spark Resistant Trolley	
		Product Code	User Price Each	Product Code*	User Price Each
1/4	5-1/8" - 7"	1641-0025A	\$479.00	1641-0025ASR	\$887.00
1/2	5-1/8" - 7"	1641-0050A	\$479.00	1641-0050ASR	\$887.00
1	6-1/8" - 8"	1641-0100A	\$531.00	1641-0100ASR	\$943.00
1-1/2	6-1/8" - 8"	1641-0150A	\$587.00	1641-0150ASR	\$1,182.00
2	6-3/8" - 8-1/4"	1641-0200A	\$696.00	1641-0200ASR	\$1,337.00
3	6-3/8" - 8-1/4"	1641-0300A	\$874.00	1641-0300ASR	\$1,499.00
4	7-1/8" - 9"	1641-0400A	\$1,088.00	1641-0400ASR	\$2,220.00
5	7-1/8" - 9"	1641-0500A	\$1,385.00	1641-0500ASR	\$2,418.00
6	7-1/8" - 9"	1641-0600A	\$1,385.00	1641-0600ASR	\$2,418.00
8	8-1/8" - 10"	1641-0800A	\$2,156.00	1641-0800ASR	\$4,067.00
10	8-1/8" - 10"	1641-1000A	\$2,673.00	1641-1000ASR	\$5,235.00
12	8-1/8" - 10"	1641-1200A	\$2,673.00	1641-1200ASR	\$5,354.00
16	8-1/8" - 10"	1641-1600A	\$5,023.00	1641-1600ASR	\$10,400.00
20	8-1/8" - 10"	1641-2000A	\$5,472.00	1641-2000ASR	\$10,931.00

Model 84A Trolleys-Geared-For Wide Flange Beams

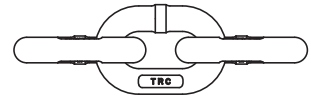
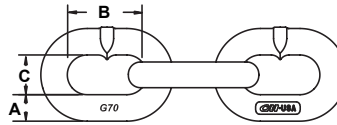


Capacity (tons)	Flange Width Adjustment Range (in.)	Plain Trolley		Spark Resistant Trolley	
		Product Code	User Price Each	Product Code*	User Price Each
1/4	2.66" - 5"	1642-0025A	\$762.00	1642-0025ASR	\$1,383.00
1/2	2.66" - 5"	1642-0050A	\$762.00	1642-0050ASR	\$1,383.00
1	3" - 6"	1642-0100A	\$844.00	1642-0100ASR	\$1,502.00
1-1/2	3" - 6"	1642-0150A	\$907.00	1642-0150ASR	\$1,626.00
2	3.33" - 6.25"	1642-0200A	\$1,032.00	1642-0200ASR	\$1,800.00
3	3.33" - 6.25"	1642-0300A	\$1,316.00	1642-0300ASR	\$2,084.00
4	4" - 7"	1642-0400A	\$1,499.00	1642-0400ASR	\$2,601.00
5	4" - 7"	1642-0500A	\$1,878.00	1642-0500ASR	\$2,991.00
6	4" - 7"	1642-0600A	\$1,878.00	1642-0600ASR	\$2,991.00
8	4.62" - 8"	1642-0800A	\$2,683.00	1642-0800ASR	\$4,448.00
10	4.62" - 8"	1642-1000A	\$3,500.00	1642-1000ASR	\$6,174.00
12	4.62" - 8"	1642-1200A	\$3,500.00	1642-1200ASR	\$6,211.00
16	6" - 8"	1642-1600A	\$6,250.00	1642-1600ASR	\$13,312.00
20	6" - 8"	1642-2000A	\$7,033.00	1642-2000ASR	\$14,112.00

NOTE: Standard hand chain drop 8 feet - zinc plated. For longer than standard 8 foot, add \$9.20 per foot drop.

NOTE: Standard hand chain drop 8 feet - spark resistant. For longer than standard 8 foot, add \$11.15 per foot drop.

WELDED CHAIN



Grade 70 Binding Chain - Standard Link

Chain Size (in.)	Working Load Limit (lbs.)	Nominal Chain Dimensions			Per Foot				Per Drum					
		A (in.)	B (in.)	C (in.)	Product Code	Approx. Weight (lbs.)	Approx. No. of Links	Price per Foot	Half Drum		Standard Drum		Large Drum	
									Product Code	Length (ft.)	Product Code	Length (ft.)	Product Code	Length (ft.)
5/16	4,700	0.327	1.100	0.500	609035	0.97	10.9	\$2.66	679022	275	679032	550	679042	900
3/8	6,600	0.394	1.375	0.600	609041	1.39	8.73	\$3.37	679023	200	679033	400	679043	650

Grade 70 Binding Chain - Short Link

Chain Size (in.)	Working Load Limit (lbs.)	Nominal Chain Dimensions			Per Foot				Per Drum					
		A (in.)	B (in.)	C (in.)	Product Code	Approx. Weight (lbs.)	Approx. No. of Links	Price per Foot	Half Drum		Standard Drum		Large Drum	
									Product Code	Length (ft.)	Product Code	Length (ft.)	Product Code	Length (ft.)
1/4	3,150	0.281	0.840	0.470	608927	0.76	14.3	\$2.56	678521	400	678531	800	678541	1400
5/16	4,700	0.327	0.980	0.460	608935	1.01	12.2	\$3.04	678522	275	678532	550	678542	900
3/8	6,600	0.406	1.140	0.540	608941	1.58	10.5	\$3.91	678523	200	678533	400	678543	650
1/2	11,300	0.531	1.559	0.734	608954	2.70	7.70	\$7.61	678525	100	678535	200	678545	350

High carbon steel-heat treated. Embossed: G70, plus three letter trace code. Zinc plated with gold chromate finish. Larger sizes available upon request.

Grade 70 - Binding Chain / MVP Pails Standard Link

Chain Size (in.)	Working Load Limit (lbs.)	Feet per Pail	Approx. Weight per Pail (lbs.)	Product Code	User Price per Pail
5/16	4,700	90	84	679018	\$239.40
3/8	6,600	60	89	679019	\$202.20



Grade 70 - Binding Chain / Drum Pack - Short Link

Chain Size (in.)	Working Load Limit (lbs.)	Feet per Pail	Approx. Weight per Pail (lbs.)	Product Code	User Price per Pail
1/4	3,150	130	96	678517	\$332.80
5/16	4,700	90	95	678518	\$273.60
3/8	6,600	60	99	678519	\$234.60



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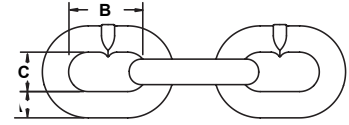
WARNING

OVERLOADING & IMPROPER USE CAN RESULT IN INJURY

TO AVOID INJURY:

- DO NOT EXCEED WORKING LOAD LIMIT.
- USE ONLY ALLOY CHAIN FOR OVERHEAD LIFTING
- THE CHAIN/ACCESSORIES ON THESE PAGES ARE NOT FOR OVERHEAD LIFTING.

WELDED CHAIN



Grade 30 Proof Coil Chain - Drum (North American)

Chain Size (in.)	Working Load Limit (lbs.)	Nominal Chain Dimensions			Full Drum Length (ft.)	Weight per 100 feet (lbs.)	Self Colored		Zinc Plated		Hot Galvanized	
		A (in.)	B (in.)	C (in.)			1/2 Drum Product Code	Price per ft.	1/2 Drum Product Code	Price per ft.	1/2 Drum Product Code	Price per ft.
1/2	4,500	0.500	1.730	0.810	200	225	671045	\$3.89	671445	\$4.33	671345	\$5.52
5/8	6,900	0.625	1.916	0.855	150	422	671046	\$5.86	-	-	671346	\$8.95
3/4	10,600	0.781	2.397	1.070	100	628	671047	\$9.20	-	-	671347	\$13.66

Grade 30 Proof Coil Chain - Drum (Imported)

Chain Size (in.)	Working Load Limit (lbs.)	Nominal Chain Dimensions			Full Drum Length (ft.)	Weight per 100 feet (lbs.)	Self Colored		Zinc Plated		Hot Galvanized	
		A (in.)	B (in.)	C (in.)			1/2 Drum Product Code	Price per ft.	1/2 Drum Product Code	Price per ft.	1/2 Drum Product Code	Price per ft.
3/16	800	.213	0.970	0.360	850	37	671040	\$0.59	671440	\$0.62	671340	\$0.76
1/4	1,300	.270	1.220	0.460	800	60	671041	\$0.81	671441	\$0.84	671341	\$1.05
5/16	1,900	.309	1.220	0.460	550	81	671042	\$1.27	671442	\$1.30	671342	\$1.71
3/8	2,650	.386	1.370	0.600	400	133	671043	\$1.55	671443	\$1.66	671343	\$2.14

Grade 30 Proof Coil Chain - 1/2 Drum (Imported)

Chain Size (in.)	Working Load Limit (lbs.)	Nominal Chain Dimensions			1/2 Drum Length (ft.)	Weight per 100 feet (lbs.)	Self Colored		Zinc Plated		Hot Galvanized	
		A (in.)	B (in.)	C (in.)			1/2 Drum Product Code	Price per ft.	1/2 Drum Product Code	Price per ft.	1/2 Drum Product Code	Price per ft.
3/16	800	.213	0.970	0.360	500	37	-	\$0.59	-	\$0.62	671394	\$0.76
1/4	1,300	.270	1.220	0.460	400	60	671091	\$0.81	671491	\$0.84	671391	\$1.05
5/16	1,900	.309	1.220	0.460	275	81	671092	\$1.27	671492	\$1.30	-	\$1.71
3/8	2,650	.386	1.370	0.600	200	133	671093	\$1.55	-	\$1.66	671393	\$2.14

Grade 30 Proof Coil Chain - Pails (North American)

Chain Size (in.)	Working Load Limit (lbs.)	Feet per Pail	Weight per Pail (lbs.)	Zinc Plated	
				Product Code	Price per ft.
1/2	4,500	40	90	671415	\$4.33

Grade 30 Proof Coil Chain - Pails (Imported)

Chain Size (in.)	Working Load Limit (lbs.)	Feet per Pail	Weight per Pail (lbs.)	Zinc Plated	
				Product Code	Price per ft.
3/16	800	250	37	671410	\$0.62
1/4	1,300	140	60	671411	\$0.84
5/16	1,900	90	81	671412	\$1.30
3/8	2,650	60	133	671413	\$1.66



EYE TYPE HOOKS

Eye Hooks for Slings & Rigging

Weight Each (lbs.)	Std Pkg	Without Latch												With Latch						Zinc Plated Latch Kit† (optional)	
		Heat Treated Carbon Clear Finish				Heat Treated Carbon Carbon Galvanized				Heat Treated Carbon Painted Orange				Assembled With Carbon Hook			Assembled With Alloy Hook				
		Working Load Limit (tons)	Product Code	Pkg. Price	Piece Price	Working Load Limit (tons)	Product Code	Pkg. Price	Piece Price	Working Load Limit (tons)	Product Code	Pkg. Price	Piece Price	Product Code	Pkg. Price	Piece Price	Product Code	Pkg. Price	Piece Price	Product Code	Price Each
.54	10	3/4	M6402C	\$9.35	\$9.91	3/4	M6402G	\$9.81	\$10.40	1	M6402A	\$15.92	\$16.88	M6502C	\$22.30	\$23.64	M6502A	\$23.08	\$24.46	4X1302	\$5.53
.80	10	1	M6403C	\$12.45	\$13.20	1	M6403G	\$14.31	\$15.17	1-1/2	M6403A	\$16.07	\$17.03	M6503C	\$22.47	\$23.82	M6503A	\$25.81	\$27.36	4X1303	\$6.05
1.3	5	1-1/2	M6404C	\$14.80	\$15.69	1-1/2	M6404G	\$16.30	\$17.28	2	M6404A	\$17.66	\$18.72	M6504C	\$24.68	\$26.16	M6504A	\$27.95	\$29.63	4X1304	\$6.88
1.9	5	2	M6405C	\$20.66	\$21.90	2	M6405G	\$24.30	\$25.76	3	M6405A	\$25.06	\$26.56	M6505C	\$32.22	\$34.15	M6505A	\$36.60	\$38.80	4X1305	\$6.55
3.5	5	3	M6407C	\$52.44	\$55.59	3	M6407G	\$41.74	\$44.24	5	M6407A	\$56.22	\$59.59	M6507C	\$56.44	\$59.83	M6507A	\$55.94	\$59.30	4X1307	\$10.80
6.5	5	5	M6409C	\$65.37	\$69.29	5	M6409G	\$73.78	\$78.21	7	M6409A	\$78.32	\$83.02	M6509C	\$78.46	\$83.17	M6509A	\$94.58	\$100.25	4X1309	\$17.48
15.4	—	7-1/2	M6411C	-	\$165.25	7-1/2	M6411G	-	\$175.05	11	M6411A	-	\$180.81	M6511C	-	\$168.56	M6511A	-	\$206.05	4X1311	\$27.91
21.6	—	10	M6415C	-	\$196.70	10	M6415G	-	\$238.87	15	M6415A	-	\$255.15	M6515C	-	\$249.31	M6515A	-	\$308.50	4X1315	\$54.11
39.9	—	15	M6422C	-	\$475.99	15	M6422G	-	\$538.66	22	M6422A	-	\$622.17	M6522C	-	\$543.75	M6522A	-	\$690.69	4X1322	\$70.17

Working Load Limits in Metric Tons.

Swivel Rigging Hooks (Alloy Steel)

Two Styles: Hook Only or Hook Assembled with Positive Locking Latch

Alloy is painted Orange. Carbon is Self-Colored

Carbon Swivel Hooks only available until current inventory is depleted.

Weight Each (lbs.)	Standard Package	Working Load Limit (tons)	With Latch			Without Latch			Z/P Latch Kit †† (optional)	
			Product Code	Pkg. Price	Piece Price	Product Code	Pkg. Price	Piece Price	Product Code	Price Each
1.0	10	1	M3502A	\$54.25	\$57.51	M3402A	\$49.24	\$52.19	4X1302	\$5.53
1.6	10	1-1/2	M3503A	\$61.21	\$64.88	M3403A	\$52.18	\$55.31	4X1303	\$6.05
2.5	10	2	M3504A	\$72.12	\$76.45	M3404A	\$62.43	\$66.18	4X1304	\$6.88
3.2	10	3	M3505A	\$89.52	\$94.89	M3405A	\$79.91	\$84.70	4X1305	\$7.55
5.4	10	5	M3507A	\$131.89	\$139.80	M3407A	\$119.23	\$126.38	4X1307	\$10.80
10.6	Bulk	7	M3509A	-	\$233.08	M3409A	-	\$214.86	4X1309	\$17.48
19.0	Bulk	11	M3511A	-	\$437.72	M3411A	-	\$404.53	4X1311	\$27.91
26.8	Bulk	15	M3515A	-	\$504.00	M3415A	-	\$475.69	4X1315	\$54.11
51.8	Bulk	22	M3522A	-	\$1,325.12	M3422A	-	\$1,236.43	4X1322	\$70.17

Working Load Limits in Metric Tons.

Replacement Latches for Swivel, Rigging and Shank Hooks

Alloy Working Load Limit (tons)	Carbon Working Load Limit (tons)	Old Style No. Stainless	Price Each	New Style No. Zinc	Price Each	New Style No. Stainless	Price Each	New Style No. Positive Locking†	Price Each
1 ††	3/4 ††	4X405	\$5.33	-	-	-	-	-	-
1	3/4	4X405	\$5.33	4X1302	\$5.53	4X1302S	\$8.15	4X1302M	\$5.56
1-1/2	1	4X405	\$5.33	4X1303	\$6.05	4X1303S	\$8.90	4X1303M	\$5.56
2	1-1/2	4X406	\$5.97	4X1304	\$6.88	4X1304S	\$10.02	4X1304M	\$6.18
3	2	4X406	\$5.97	4X1305	\$6.55	4X1305S	\$12.60	4X1305M	\$6.33
5	3	4X410	\$9.06	4X1307	\$10.80	4X1307S	\$17.17	4X1307M	\$10.51
7	5	4X412	\$15.09	4X1309	\$17.48	4X1309S	\$25.83	4X1309M	\$17.06
11	7-1/2	4X414	\$25.23	4X1311	\$27.91	4X1311S	\$48.37	4X1311M	\$26.57
15	10	595530	\$27.70	4X1315	\$54.11	-	-	4X1315M	\$53.72
22	15	595533	\$55.20	4X1322	\$70.17	-	-	4X1322M	\$69.50

† Use standard cotter pin to lock latch.

†† Old style rigging hooks only.



WARNING

DO NOT EXCEED WORKING LOAD LIMIT

USE ONLY ALLOY CHAIN WITH COMPATIBLE COMPONENTS FOR OVERHEAD LIFTING.

EYE TYPE HOOKS

Eye Sling Hook with Latch

(Dual-Rated for HA800 & HA1000)

Size (in.)	Working Load Limit (lbs.)	Std. Pkg. Quantity	Weight (lbs.)	Product Code	Pkg. Price	Piece Price
9/32	4,300	10	1.1	558622	\$34.20	\$36.25
3/8	8,800	10	1.9	558625	\$51.45	\$54.54
1/2	15,000	5	4.5	558628	\$80.75	\$85.60
5/8	22,600	5	7.3	558629	\$127.30	\$134.94
3/4	35,300	Bulk	11.4	558630	-	\$202.85
7/8	34,200	Bulk	18.10	558332	-	\$311.25
1	47,700	Bulk	22.60	558333	-	\$419.55
1-1/4	72,300	Bulk	47.00	558335	-	\$753.05

Note: For 7/32" size use 9/32" hook.

Available from stock with / without latch. Replacement latch kits are also available. User must determine if latch is required on the hook.



Latchlok Hooks

Size (in.)	Working Load Limit (lbs.)	Product Code	Weight Each (lbs.)	Price Each
5/8	28,300	674530	10.82	\$515.00
3/4	28,300	674530	10.82	\$515.00



Replacement Parts

Latch Kits for Herc-Alloy 800 Latch Type Hooks

Hook Size (in.)	Weight (lbs.)	Product Code	Price Each
7/32	.41	595461	\$14.25
9/32	.09	595523	\$4.55
3/8	.13	595525	\$8.79
1/2	.17	595528	\$13.75
5/8	.25	595529	\$16.10
3/4	.44	595530	\$27.70
7/8	.60	595532	\$42.15
1	.44	595533	\$55.20
1-1/2	.56	595535	\$73.70



Latch Kit #505491

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WARNING

DO NOT EXCEED WORKING LOAD LIMIT

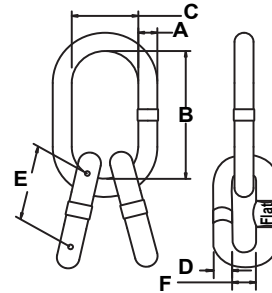
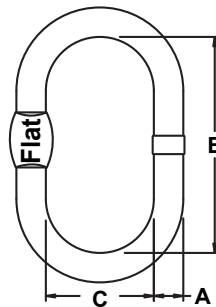
USE ONLY ALLOY CHAIN WITH COMPATIBLE COMPONENTS FOR OVERHEAD LIFTING.

GRADE 80 CHAIN ATTACHMENTS

Alloy Master Links with Engineered Flats

Trade Size (in.)	Working Load Limit (lbs.)		Product Code	Nominal Dimensions			Flat Dimensions		Approx. Weight Each (lbs.)	Price Each
	With Chain	With Wire Rope & Synthetics		Material Diameter A (in.)	Inside Length B (in.)	Inside Width C (in.)	FW (in.)	FT (in.)		
7/16	4,200	3,360	ML040	0.437	4.13	2.294	0.938	0.283	0.50	\$19.85
			ML040NF	0.437	4.13	2.294	—	—		
1/2	5,570	4,600	ML050	0.562	4.84	2.688	0.938	0.283	0.80	\$20.35
			ML050NF	0.562	4.84	2.688	—	—		
5/8	9,000	7,200	ML063	0.625	5.29	2.977	1.218	0.283	1.34	\$22.45
			ML063NF	0.625	5.29	2.977	—	—		
3/4	14,200	11,360	ML075	0.750	6.61	3.719	1.406	0.400	2.36	\$29.35
			ML075NF	0.750	6.61	3.719	—	—		
7/8	17,300	13,840	ML087	0.875	7.35	4.135	1.563	0.437	3.60	\$36.75
			ML087NF	0.875	7.35	4.135	—	—		
1	26,500	21,200	ML100	1.000	7.53	4.301	1.563	0.530	5.20	\$43.90
			ML100NF	1.000	7.53	4.301	—	—		
1-1/4	37,400	29,920	ML125	1.250	9.26	5.292	1.563	0.680	9.60	\$73.10
			ML125NF	1.250	9.26	5.292	—	—		
1-1/2	53,000	42,400	ML150	1.500	11.03	6.300	—	—	16.20	\$181.75
1-3/4	72,150	57,720	ML175	1.750	12.86	7.350	—	—	25.10	\$313.25
2	94,200	75,360	ML200	2.000	14.70	8.400	—	—	38.40	\$454.29
2-1/4	119,200	95,360	ML225	2.250	16.54	9.450	—	—	54.60	\$727.15
2-1/2	147,150	117,720	ML250	2.500	18.38	10.500	—	—	74.90	\$1,090.80
2-3/4	178,050	142,440	ML275	2.750	20.21	11.550	—	—	99.80	\$1,138.30

Note: Shaded rows contain engineered flats for easy attachment to chain, wire rope and synthetics.



Alloy Master Link Sub-Assemblies

Trade Size (in.)	Working Load Limit		Complete Assembly Product Code	Master Link Nominal Dimensions				Intermediate Link Nominal Dimensions				Overall Length (in.)	Weight (lbs.)	Price Each
	With Chain (lbs.)	With Wire Rope & Synthetic (lbs.)		Product Code	Material Diameter A (in.)	Inside Length B (in.)	Inside Width C (in.)	Product Code	Material Diameter D (in.)	Inside Length E (in.)	Inside Width F (in.)			
1/2	5,750	4,600	SA050	ML050	0.562	4.84	2.688	ML040	0.437	2.294	4.130	8.968	1.80	\$71.90
5/8	9,000	7,200	SA063	ML063	0.625	5.29	2.977	ML050	0.562	2.688	4.838	10.130	2.90	\$81.60
3/4	14,000	11,200	SA075	ML075	0.750	6.61	3.719	ML063	0.625	2.977	5.292	11.903	5.00	\$87.35
7/8	17,300	13,840	SA087	ML087	0.875	7.35	4.135	ML063	0.625	2.977	5.292	12.642	6.30	\$98.35
1	26,500	21,200	SA100	ML100	1.000	7.53	4.301	ML075	0.750	3.719	6.611	14.137	9.90	\$129.85
1-1/4	37,400	29,920	SA125	ML125	1.250	9.26	5.292	ML100	1.000	4.301	7.526	16.787	19.90	\$169.80
1-1/2	53,000	42,400	SA150	ML150	1.500	11.03	6.300	ML100	1.000	4.301	7.526	18.551	26.50	\$356.00
1-3/4	72,150	57,720	SA175	ML175	1.750	12.86	7.350	ML125	1.250	5.292	9.261	22.124	44.00	\$674.25
2	94,200	73,360	SA200	ML200	2.000	14.70	8.400	ML150	1.500	6.300	11.025	25.725	70.80	\$977.95
2-1/4	119,200	95,360	SA225	ML225	2.250	16.54	9.450	ML175	1.750	7.350	12.863	29.400	104.80	\$1,126.75
2-1/2	147,150	117,720	SA250	ML250	2.500	18.38	10.500	ML175	1.750	7.350	12.863	31.238	125.20	\$1,173.70
2-3/4	178,050	142,400	SA275	ML275	2.750	20.21	11.550	ML200	2.000	8.400	14.700	34.913	176.50	\$2,372.45

GRADE 80 LINKS AND SLINGS

Omega-Lok Coupling Link

Trade Size (in.)	Working Load Limit (lbs.)	Standard Pack Quantity	Weight (lbs.)	Product Code	Pkg. Price	Price Each	Replacement Load Pin		Replacement Retainer	
							Product Code	Price Each	Product Code	Price Each
9/32	3,500	12	0.40	644128	\$20.30	\$21.52	595780	\$2.25	602326	\$0.70
3/8	7,100	12	1.02	644138	21.35	\$22.63	595781	\$2.45	495821	\$1.40
1/2	12,000	12	1.92	644150	35.20	\$37.31	595782	\$3.50	495822	\$1.70
5/8	18,100	5	3.20	644162	48.15	\$51.04	595783	\$4.65	495823	\$2.10



Hammerlok Coupling Link & Parts

Size		Working Load Limit (lbs.)	Complete Hammerlok					Load Pin Kit		
in.	mm		Product Code	Weight (lbs.)	Stand. Pack Quantity	Pkg. Price	Price Each	Product Code	Weight (lbs.)	Price Each
7/32	5.5	2,100	664021-2	0.12	36	\$23.70	\$25.12	R664021-2	0.01	\$7.75
9/32	7	3,500	664028-2	0.22	36	\$28.45	\$30.16	R664028-2	0.02	\$8.35
3/8	10	7,100	664038-2	0.58	36	\$30.35	\$32.17	R664038-2	0.05	\$12.15
1/2	13	12,000	664050-2	1.50	24	\$50.25	\$53.27	R664050-2	0.12	\$15.25
5/8	16	18,100	664062-2	2.50	12	\$64.05	\$67.89	R664062-2	0.20	\$20.80
3/4	20	28,300	664075-2	3.85	12	\$91.05	\$96.51	R664075-2	0.30	\$31.95
7/8	22	34,200	664089-2	5.68	6	\$137.70	\$145.96	R664089-2	0.40	\$39.45
1	23	47,700	664100-2	8.95	—	\$271.40	\$287.68	R664100-2	0.70	\$64.45
1-1/4	32	72,300	664125-2	16.40	—	\$388.85	\$412.18	R664125-2	1.20	\$81.55



Adjust - A - Link Sling

Size (in.)	Working Load Limit (lbs.)		Length (ft.)	Approx. Weight (lbs.)	Product Code	Price Each
	90°	60°				
7/32	2,700	4,700	6	3.3	607991	\$255.30
7/32	2,700	4,700	10	5.0	607992	\$320.80
9/32	4,300	7,400	6	5.9	607993	\$385.15
9/32	4,300	7,400	10	9.2	607994	\$506.60
3/8	8,800	15,200	10	18.1	607995	\$627.35
3/8	8,800	15,200	14	22.3	907996	\$695.35

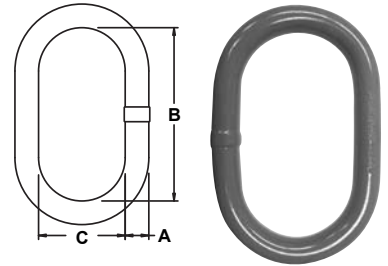


GRADE 80 LINKS AND SLINGS

Oblong Master Links

or Single and Double Branch Slings - Standard Sizes

Trade Size (in.)	Working Load Limit (lbs.)	Catalog Number	Product Code	Nominal Dimensions			Weight (lbs.)	Type & Size of Chain		Price Each
				Material Diameter A (in.)	Inside Length B (in.)	Inside Width C (in.)		Single (in.)	Double (in.)	
3/8	3,600	HA40	554931	0.406	3.00	1.500	0.33	7/32	7/32	\$18.65
1/2	6,100	HA50	554932	0.562	5.00	2.500	0.81	9/32	9/32	\$19.20
3/4	12,300	HA75	554935	0.750	5.50	2.750	2.08	3/8	3/8	\$28.80
1	20,800	HA100	554938	1.000	7.00	3.500	4.59	1/2 or 5/8	1/2	\$43.15
1-1/4	31,300	HA125	554940	1.250	8.75	4.375	9.31	3/4	5/8	\$71.90
1-1/2	49,000	HA150	554943	1.500	10.50	5.250	15.66	7/8	3/4	\$176.60
1-3/4	73,500	HA175	554946	1.750	12.00	6.000	24.44	1	7/8	\$275.70
2	88,900	HA200	554949	2.000	14.00	7.000	37.27	1-1/4	1	\$347.60
2-1/4	125,200	HA225	554951	2.250	16.00	8.000	54.03	—	1-1/4	\$714.75
2-3/4	187,800	HA275	554957	2.750	16.00	9.000	84.84	—	—	\$1,168.70



Oblong Master Links - Special Sizes

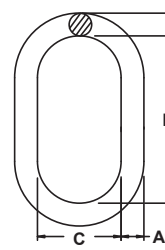
Size (in.)	Working Load Limit (lbs.)	Product Code	Weight Each (lbs.)	Price Each
1 x 4 x 8	18,200	554969	5.25	\$76.70
1-1/4 x 6 x 12	22,800	554942	12.09	\$206.20
1-1/2 x 7 x 14	36,700	554944	20.16	\$344.65
1-1/2 x 6 x 12	42,900	554970	17.60	\$246.25
1-3/4 x 7 x 14	63,000	554945	27.92	\$539.40
2 x 8 x 16	77,800	554952	41.88	\$604.10
2-1/2 x 8 x 16	147,300	554954	67.50	\$1,065.55

Any size not listed above apply for special price.



Alloy Forged Master Links - Suitable for Overhead Lifting

Size (in.)	Working Load Limit (lbs.)	Product Code	Nominal Dimensions			Weight Each (lbs.)	Price Each
			Material Diameter A (in.)	Inside Length B (in.)	Inside Width C (in.)		
1/2	5,100	M50P	0.500	5.000	2.50	0.90	\$52.55
5/8	7,700	M62P	0.625	6.000	3.00	1.75	\$66.50
3/4	10,600	M75P	0.750	6.000	3.00	2.35	\$67.45
1	20,400	M100P	1.000	8.000	4.00	6.00	\$115.65



*

WARNING

DO NOT EXCEED WORKING LOAD LIMIT

USE ONLY ALLOY CHAIN WITH COMPATIBLE COMPONENTS FOR OVERHEAD LIFTING.

RIGGING ACCESSORIES

Big Orange Mid-Grip (Double Saddle) Wire Rope Clips Fist Grip

Size (in.)	Min. No. of Clips	Std. Pkg. (Assembled)	Rope Turn Back (in.)	Torque (ft./lb.)	Weight per 100 (lbs.)	Product Code	Pkg. Price	Piece Price
3/16 & 1/4	2	20	4	30	21	M2246	\$10.75	\$11.40
5/16	2	20	5	30	27	M2247D*	\$11.37	\$12.05
3/8	2	20	5-1/4	45	45	M2248	\$12.11	\$12.84
7/16	2	20	6-1/2	65	65	M2250	\$14.96	\$15.86
1/2	3	20	11	65	65	M2250	\$14.96	\$15.86
9/16	3	20	12-3/4	130	113	M2251	\$21.13	\$22.40
5/8	3	20	13-1/2	130	113	M2251	\$21.13	\$22.40
3/4	3	20	16	225	179	M2252	\$28.92	\$30.66

* Dacromet Finish



Forged CM Piggy-Back Wedge Socket Clip

Size (in.)	Min. Tail Length (in.)	Torque (ft./lb.)	Standard Package (in.)	Weight Each (lbs.)	Product Code	Pkg. Price	Piece Price
3/8	6	45	10	0.8	M248D	\$13.98	\$14.82
7/16	6	65	10	1.3	M249D	\$17.79	\$18.86
1/2	6	65	10	1.4	M250D	\$21.60	\$22.90
9/16	6	95	10	1.7	M296D	\$25.28	\$26.80
5/8	6	95	10	1.7	M251D	\$27.39	\$29.03
3/4	6	130	10	2.5	M252D	\$34.78	\$36.87
7/8	6	225	5	3.6	M253D	\$50.25	\$53.27
1	6	225	5	3.9	M254D	\$57.91	\$61.38
1-1/8	6-3/4	225	5	4.9	M255D	\$64.64	\$68.52
1-1/4	7-1/2	360	5	6.5	M256D	\$92.19	\$97.72
1-3/8	8-1/4	360	5	7.1	M257D	\$121.94	\$129.26
1-1/2	9	360	5	8.2	M258D	\$126.17	\$133.74



Tuff Grip Wire Rope Clips For Suspended Scaffolding

Size (in.)	Finish	Min. No. of Clips	Min. Turn Back (in.)	Torque (ft./lb.)	Weight per 100 (lbs.)	Std. Pack	Product Code	Pkg. Price	Piece Price
5/16	Dacromet	2*	5	30	30	50	M2347	\$7.53	\$7.98

* Check with the wire rope manufacturer and equipment manufacturer's recommendations.



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WARNING

TO AVOID INJURY REFER TO
CM LIFTING, PULLING AND BINDING MANUAL (PMC-10)

RIGGING ACCESSORIES

Quick Links (Zinc Plated) - Imported

Size (in.)	Working Load Limit (lbs.)	Std Pkg.	Inside Width (in.)	Inside Width (in.)	Side Opening (in.)	Weight Each (lbs.)	Product Code	Pkg. Price	Piece Price
1/8	220	20	1-9/64	25/64	13/64	.02	82918	\$1.49	\$1.58
3/16	616	20	1-1/2	1/2	1/4	.05	82008	\$1.67	\$1.77
1/4	880	20	1-3/4	9/16	9/32	.08	82108	\$1.97	\$2.09
5/16	1,540	20	2-5/6	11/16	3/8	.18	82208	\$3.21	\$3.40
3/8	1,980	10	2-7/16	3/4	7/16	.25	82308	\$4.21	\$4.46
1/2	3,300	10	3-3/16	15/16	19/32	.54	82508	\$7.28	\$7.72

Quick Links are not heat treated. Use only with chain of equal or lower working load limit.



Repair Links / Lap Link (Zinc Plated)

Size (in.)	Inside Length (in.)	Standard Carton	Weight per 100 (lbs.)	Product Code	Pkg. Price	Piece Price
1/4	1-1/4	50	6.75	84291	\$0.83	\$0.88
5/16	1-1/2	50	13	84591	\$1.71	\$1.81
3/8	2	50	26	84891	\$2.36	\$2.50
1/2	2-1/2	25	53	84991	\$3.73	\$3.95



Clevis Links

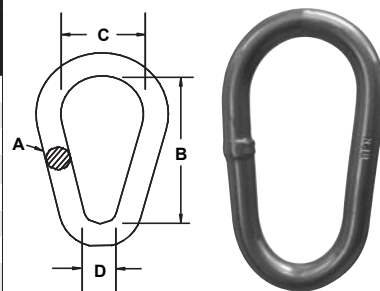
For Chain Size (in.)	Working Load Limit (lbs.)	Std. Pkg.	Weight Each (lbs.)	Product Code	Piece Price
5/16	4,400	Bulk	.94	695443	\$19.50
3/8	6,600	Bulk	1.19	695444	\$21.91



MASTER LINKS AND LOAD BINDERS

Pear Shaped Master Link

Trade Size (in.)	Catalog No.	Working Load Limit (lbs.)	Finished Code	Material Diameter A (in.)	Inside Length B (in.)	Inside Width C (in.)	Inside Width D (in.)	Weight (lbs.)	Type & Size of Sling			Price Each
									SINGLE (in.)	DOUBLE (in.)	TRIPLE (in.)	
1/2	HA51	9,000	554702	0.562	5.313	2.500	1.250	1.02	7/32, 9/32, & 3/8	7/32 & 9/32	7/32	\$42.55
3/4	HA79	18,000	554706	0.750	5.625	2.750	2.000	2.08	1/2	3/8	9/32	\$51.45
1	HA103	30,300	554710	1.000	7.250	3.500	2.625	4.59	5/8	1/2	3/8	\$111.85
1-1/4	HA129	45,500	554714	1.250	8.750	4.625	3.250	9.17	3/4	5/8	1/2	\$145.35
1-1/2	HA153	71,200	554719	1.500	10.500	5.250	3.875	15.28	1	3/4	5/8	\$203.55
1-3/4	HA179	86,000	554723	1.750	12.000	6.000	4.500	232.93	—	—	—	\$346.80
2	HA201	120,000	554726	2.000	4.000	7.000	3.500	35.93	—	—	3/4	\$458.70
2-1/4	HA229	182,000	554731	2.250	16.000	8.000	6.000	52.83	—	—	—	\$883.80



Dixie Forged Lever Binder - Painted Red

Chain Grade & Size			Working Load Limit (lbs.)	Take up (in.)	Handle Length (in.)	Std. Pkg.	Approx. Weight (lbs.)	Product Code	Package Price	Piece Price
G30 (in.)	G43 (in.)	G70 (in.)								
1/4	1/4	—	2,600	3.75	11.25	4	3	48304	\$29.87	\$31.66
3/8	3/8	5/16	5,400	4.50	16.13	4	7	48305	\$45.78	\$48.53
3/8	3/8	3/8	7,100	4.50	16.63	4	8-1/2	48769†	\$51.93	\$55.05
1/2	1/2	3/8	9,200	4.50	16.63	4	10	48306	\$76.61	\$81.21

† Item 48769 is also suitable for G80 3/8 chain



Removable Handle Ratchet Binders

Chain Grade & Size		Description	Working Load Limit (lbs.)	Take up (in.)	Handle Length (in.)	Std. Pkg.	Approx. Weight (lbs.)	Product Code	Price Each
G30 (in.)	G70 (in.)								
3/8	5/16	Body	5,400	8	—	4	7.40	46565	\$62.75
1/2	3/8	Body	9,200	8	—	4	11.70	46566	\$70.29
—	—	Handle	—	—	14	4	4.30	46565H	\$29.40

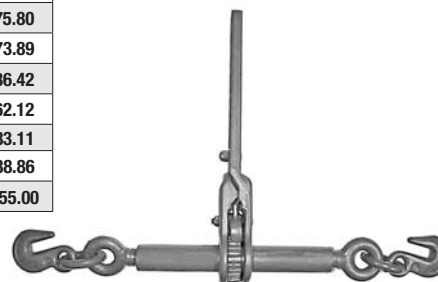


Ratchet Type Binder - Forged Barrel - Painted Red

Chain Grade & Size			Working Load Limit (lbs.)	Takeup (in.)	Handle Length (in.)	Std. Pkg.	Approx. Weight (lbs.)	Product Code	Package Price	Piece Price
G30 (in.)	G70 (in.)	G80 (in.)								
—	—	—	5,400	8	12	4	7.00	48811†	\$63.83	\$67.66
—	—	—	13,000	8	14	4	11.0.	48363†	\$71.51	\$75.80
3/8	5/16	—	5,400	8	12	4	7.70	48810	\$69.71	\$73.89
3/8	3/8	3/8	7,100	8	14	4	12.25	48360	\$81.53	\$86.42
1/4	—	—	2,600	4	10.25	4	4.30	48364	\$58.60	\$62.12
3/8	—	—	5,400	8	14	4	12.25	48365*	\$78.41	\$83.11
1/2	3/8	3/8	9,200	8	14	4	12.25	48366	\$83.83	\$88.86
5/8	1/2	1/2	13,000	8	14	4	14.00	48367	\$146.23	\$155.00

† Supplied without hooks

* Heavy Duty - Larger Dia. body



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WARNING

TO AVOID INJURY REFER TO
CM LIFTING, PULLING AND BINDING MANUAL (PMC-10)

TERMS AND POLICIES

CMCO TERMS

1% 10 days/Net 30 days from date of invoice.

Freight – All shipments of Columbus McKinnon (CMCO) products are F.O.B. manufacturing plant or warehouse, and title or risk of loss shall pass to the customer upon delivery to the carrier, regardless of who pays the shipping cost. Shipping charges will be prepaid and allowed on any order (excluding noted models below*) when the order totals at least 500 pounds; providing such orders are for one shipment to one destination within the continental United States. Carrier and routing will be at the discretion of Columbus McKinnon Corporation. Small orders will not be accumulated to meet total freight requirements for prepaid freight. “Add to” orders will be considered new orders and will not be included with orders already placed. If Columbus McKinnon makes partial shipment on an order originally meeting freight prepayment requirement, Columbus McKinnon will absorb transportation charges on all shipments applying to that order. Parcel post shipments will be insured at customer’s expense, but customer is responsible for placing a valuation upon such shipments for insurance purposes. Shipments that do not meet the freight allowed criteria will be made on a prepaid and add basis unless otherwise specified by customer. Requests for collect or third party bill shipments must specify the carrier.

* The following products do not qualify for 500 lbs. freight allowance: Cady, Chester Hoists, Electrification, Jib Cranes, LodeRail (including accessory items), Powerstar, and all Wire Rope Hoists and Crane Components Products.

* For Channel Partners who are eligible to purchase hoist and crane parts, freight is prepaid and allowed on orders totaling \$2,500.00 or more.

Minimum order for finished models – Net US \$100.00 Distributor Cost

Discounts are subject to change without notice.

PRICES MAY BE SUBJECT TO ADDITIONAL SURCHARGE AT TIME OF ORDER

CMCO NORTH AMERICAN HOIST & RIGGING RETURN AND ORDER CANCELLATION POLICY Effective January 3, 2012

Restocking and Order Cancellation Charges:

35% Charge – If no offsetting order

20% Charge – If accompanied by an offsetting order equaling 125% of the original net product value (before charges)

Special Product Returns and Cancellation Requests:

Engineered or non-stock products specifically designed for unique applications and not classified by CMCO as standard packaged products cannot be cancelled or returned for credit. Any down-payments already submitted toward these orders may be forfeited. If the costs incurred by CMCO exceed the charges noted above, additional charges will be incurred by the customer.

Authorization to return any material to CMCO for credit must have prior approval. Approval including a Return Goods Number (RGN) must be obtained from CMCO Customer Service. All requests for authorization to return are valid for 30 days from the date of issuance of the RGN.

The material must be returned to the destination specified by CMCO with the Return Goods Authorization visibly displayed on the outside of the carton, preferably on the shipping label. Unauthorized return of material may be refused and if returned without permission the channel partner may be liable for delivery, storage and return freight charges.

All Materials must be returned to CMCO on a prepaid transportation charge basis. Collect shipments will be refused.

General Product Returns:

Standard products up to one (1) year old can be returned for credit. The original P.O. information must accompany request for return. Credit will be based on original purchase price, less a restocking charge, and any necessary reconditioning costs. All products must be unused and in the original carton and in salable (as received) condition. Channel partner is responsible for return freight. Minimum return value is \$100.00.

Requests for return must be coordinated through your CMCO Field Sales Manager. Regardless of initial return approval, in cases where reconditioning, inspection, retesting, repackaging or special handling is required, returned goods accepted for credit are subject to a handling charge to cover those costs.

Stock Adjustment/Slow Moving Inventory Returns:

a) Hoist Units, Accessories, and Rigging Product Returns:

All channel partners will have the ability to exercise a single stock adjustment return without a restocking charge as long as that product meets the conditions below. For participants in the “Partners In Performance” (PIP) program, the frequency of returns and the offsetting order requirements vary based on the channel partner’s level status of Platinum, Gold, or Bronze. Consult the program guide or contact your CMCO Channel Sales Manager for further details.

General Return Frequency and Offsetting Order Parameters:

For Platinum channel partners	4 Returns/year and restock charge waived with 110% offsetting order value
For Gold channel partners	2 Returns/year and restock charge waived with 115% offsetting order value
For Bronze channel partners	1 Return/year and restock charge waived with 120% offsetting order value
For Non-PIP channel partners	1 Return/year and restock charge waived with 150% offsetting order value

b) Hoist Parts Returns:

Qualified Channel Partners may return slow moving hoist parts inventory, following the same guidelines as noted above with regard to frequency and requirements to waive restocking charges. The maximum return allowed each year will be no more than 10% of the Distributor’s total hoist parts purchases from CMCO’s previous fiscal year (April through March).

Parts returned need to be clean, free of corrosion, and in good salable (as received) condition. Those parts that are not currently active or are obsolete will not be allowed for return. All parts need to be bagged and identified with the part number, and only hoist parts that are stocked by CMCO, with a unit list price of over \$10.00, may be returned. The invoice number and the invoice date should be shown for each item being returned. If the invoice number and date cannot be supplied or determined by CMCO, no credit will be allowed. Once a parts return request is initiated, CMCO will provide a template which must be completed to obtain all required information for the parts being returned, and allow for the RGN to be generated.

c) Load Chain Returns:

Load Chain is eligible for return under the same general terms as noted above, plus the following conditions: Chain must be in standard lengths, as defined by CMCO, and in good salable condition. All pieces must be tagged with the part number and length of the chain. A packing list must be filled out with the number of pieces by size and returned along with the product. Starter pieces will not be accepted for credit. Any load chain that is not of standard length, is not clearly marked with identification and is more than 1 year old will not be accepted for credit.

NOTES

Columbus McKinnon Entertainment Rigging Products
140 John James Audubon Parkway, Amherst, NY 14228
800-888-0985 • 716-689-5400 • 716-689-5644
www.cm-et.com