

SUGGESTED USER PRICES

# **POWERED** HOISTS, TROLLEYS & CRANE KITS











**Electric Chain Hoists** 

**Air Chain Hoists** 

**Trolleys** 

**Crane Kits** 

800.888.0985 Phone:

716.689.5400

Fax: 800.210.9480

716.689.5644

columbusmckinnon.com

Schedule # PHPL-0924

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All prices are F.O.B. origin.

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#### **BATTERY/ELECTRIC HOIST COMPARISON CHARTS**







SHOPSTAR



VALUSTAR



COFFING® HOISTS JLC



COFFING HOISTS

Capacity (Tons)	Speed (FPM)	Reeving	Speed (FPM)	Reeving	Speed (FPM)	Reeving	Speed (FPM)	Reeving	Speed (FPM)	Reeving
250 lbs.			16, 24, 40	1						
300 lbs.			16, 24, 40	1						
500 lbs.			8, 12, 16, 20, 24	1 & 2						
3/8 Tons			-,							
600 lbs.			8, 12, 20	2						
3/4 Tons										
1000 lbs.			6, 8, 12	2						
1/8 Tons							32	1		
1/4 Tons					16	1	16, 32	1	16, 32, 64	1
1/2 Tons					16	1	16, 32	1	9, 16, 32	1
1 Tons	8	1			8, 16	1 & 2	16	1	4, 8, 12, 16, 32, 48	1 & 2
2 Tons					8	2	8	2	6, 8, 16, 24	1 & 2
3 Tons									5, 10, 16	2 & 3
4 Tons									8, 12	2
5 Tons									5, 8	3
6 Tons										
7 1/2 Tons										
9 Tons										
10 Tons 12 Tons										
12 Tons 15 Tons										
10 10113				Stand	ard Features					
Total Enclosed										
Nonvented Motor	Stan	dard	Stan	Standard		dard	Stan	dard	Standa	ırd
Total Enclosed	N/	/Δ	N/A		N/A		N.	N/A		Only
Fan-Cooled Motor			N/A				·		ED Model Only	
Adjustable Up/Down Limits	N/				N/A N/A		Standard N/A		Standard	
Paddle Limits Weather Proofing	N/		N/		N/		,		N/A Weather Resis	
							Weather Res Standard		Standard Ur	
Load Chain	Pla	ted	Unpl	ated	Unpl	ated	Optiona	l Plated	Optional F	
Chain Container	Standard		Opti		Opti		Standar 20' Sing	le Chain	Option	al
Powder Coat Paint	N/		Stan	dard	Stan	dard	N,	/A	N/A	
Variable Frequency Drive Versions	Variable Spe Brushless		N,	/A	N,	/A	Standard Offering		Standard 0	
Two-Speed Version	N/		N,		N,		Standard Offering		Standard 0	
Certification	3rd party certifi		N,		N,		CSA		CSA	
Motor Brake	N,		AC Calip		AC Calip		AC Friction Disc		AC Friction	
Mechanical Load Brake	Stan		N,		N,		N/A		Standa	ırd
Spark Resistant Features	N,		N,		N,		N,		N/A	
Upper Suspension	Inclu		Inclu			Included Included			Includ	
Overload Clutch	Stan		Stan		Stan		Stan		Standa	
Metric Rated	Stan		Stan		Stan		Opti		Option	
Suspension Option	Ho	ok	Hook A	nd Lug	Hook A	and Lug	Hook A	and Lug	Hook And	d Lug



## BATTERY/ELECTRIC HOIST COMPARISON CHARTS







CLASSIC LODESTAR



LODESTAR XL



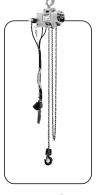
POWERSTAR

Capacity (Tons)	Speed (FPM)	Reeving	Speed (FPM)	Reeving	Speed (FPM)	Reeving	Speed (FPM)	Reeving
250 lbs.								
300 lbs.								
500 lbs.								
3/8 Tons								
600 lbs.								
3/4 Tons								
1000 lbs.								
1/8 Tons	32, 60	1	32,60	1				
1/4 Tons	16,32	1	16, 32	1				
1/2 Tons	8, 16, 32, 64	1 & 2	8, 16, 32, 64	1 & 2				
1 Tons	8, 16, 32	1 & 2	8, 16, 32	1 & 2				
2 Tons	8, 16	1 & 2	8, 16	2	18, 24, 430	1	20, 24, 32, 40, 48	1
3 Tons	5.5, 11	3	5.5, 11	3	9, 12, 15	2	20, 24, 32, 40	2
4 Tons					9, 12, 15	2	10, 12, 16, 20, 24	2
5 Tons					6, 8, 9, 12, 15	2 & 3	10, 12, 16, 20, 24	2
6 Tons					6, 8, 10	3	10, 12, 16, 20	2
7 1/2 Tons					6 & 10	3	7, 8, 11, 14, 16	3
9 Tons							7, 8, 11, 13	3
10 Tons							7, 8, 11, 13	3
12 Tons								
15 Tons							4, 5, 6, 8	5
			Sta	ndard Features				
Total enclosed nonvented motor	Stand	dard	Standard		Stand	lard	Stan	dard
Total enclosed			NI/A					, .
fan cooled motor	N/		N/A		N/A		N/A	
Vane Motor	N/	'A	N/	'A	N/A		N/A	
Adjustable	Stand	dard	Stan	dard	Standard		Standard	
up/down limits Paddle limits	N/		N/		N/		N/	
Weather proofing	Stand		Stan		Weather-Resi		Weather-Res	
Load chain	Standard Z		Standard Z		Unplated/Opt		Unplated/Op	
Chain container	Standard F		Opti		Onpiated/Option		Optio	
Powder coat paint	Standard		Stan		Stand		Stan	
Variable Frequency								
Drive versions	Standard	Offering	Standard	Offering	N/	A	N/	'A
Two-speed version	Standard	Offering	Standard	Offering	Optio	nal	Optio	onal
Certification	CSA/US, TU	V, CE, RoHS	CSA, T	UV, CE	N/		N/	'A
Motor Brake	DC Electric, D	ouble Option	AC Frict	ion Disc	AC Fricti	on Disc	AC Fricti	ion Disc
Mechanical Ioad brake	N/	Ά	N/	′A	N/	A	N/	Ά
Spark Resistant features	N/	'A	N/	'A	N/	A	N/	'A
Upper Suspension	Rigid Hook		Ordered S		Inclu		Inclu	
Overload clutch	Standard Out		Standard In	· · ·	Stand		Standard	
Metric Rated	Stand		Stan		Stand		Most Models	
Suspension option	Hook A		Hook A	nd Lua	Hook Ai	nd Lua	Lu	ıa



## AIR HOIST COMPARISON CHARTS











**BUDGIT** Hoists

BUDGIT® Hoists

CH

Capacity (Tons)	Speed (FPM)	Reeving	Speed (FPM)	Reeving	Speed (FPM)	Reeving	Speed (FPM)	Reeving	
250 lbs.	31	1							
300 lbs.	31	1							
500 lbs.	21	1	65	1					
3/8 Tons			60	1					
600 lbs.	16	2							
3/4 Tons			29	2					
1000 lbs.	11	2	45	1	16	1			
1/8 Tons									
1/4 Tons									
1/2 Tons				_					
1 Tons			23	2	8, 13, 30	1			
2 Tons					5, 6, 15	2	31	1	
3 Tons					4, 10	3	21	2	
4 Tons							10	0	
5 Tons							13	2	
6 Tons							10	3	
7 1/2 Tons 9 Tons							9	3	
9 ions 10 Tons									
10 Tons 12 Tons									
12 Tons									
10 10115	_		Standard	Features					
Total Factored			Standard	reatures					
Total Enclosed Nonvented Motor	N.	/A	N	N/A		'A	N,	/A	
Total Enclosed Fan Cooled Motor	N,		N/A			N/A		N/A	
Vane Motor	Stan	dard	Stan	Standard		Standard		Standard	
Adjustable Up/Down Limits	N,			N/A		N/A		N/A	
Paddle Limits	N,			dard	N/		N,		
Weather Proofing	Stan			dard	Stan		Stan		
Load Chain	Unplated/Op			tional Plated	Unplated/Op		Unplated/Op		
Chain Container	Opti			onal	Optio		Opti		
Powder Coat Paint	Stan	dard	Stan	dard	Stan	dard	Stan	dard	
Variable Frequency Drive Versions	N,			/A	N/		N,		
Two-Speed Version	N,			N/A N/A		N,			
Certification	N,		N/A		N/		N/		
Motor Brake	Di	sc	Dr	um	Mechanical	Load Brake	Di	sc	
Mechanical Load Brake	N,	/A	N	/A	Stan	dard	Stan	dard	
Spark Resistant Features	N,	/A	Opti	onal	Optio	onal	N/	/A	
Upper Suspension	Inclu			uded	Inclu		Inclu		
Overload Clutch	Stan			/A	Stan		Stan		
Metric Rated	Stan		Stan	dard	Stan	dard	Stan	dard	
Suspension Option	Lug An	d Hook	Lua An	Lug And Hook Lug Ar		d Hook	Lug An	d Hook	



## ORDERING INFORMATION

To make your order placement fast, accurate and easy, please have all of the specification information in the chart below.

TROLLEYS
Capacity: Ton(s)  Beam Type: Standard S Beam Wide Flange Beam  Beam Type: Standard H Beam Patended Track  Beam Size: S X lbs. X in. Flange  WF X lbs. X in. Flange
Check all items listed above. Plus:  Plain Geared Hand Chain Drop (8' standard) capacities 1 to 6 Tons, (9' standard) capacities 8 & 10 Tons.
ELECTRIC CHAIN HOISTS
Capacity: Ton(s) Lift: ' Push-Button Drop: (Standard Drop is 4' less than Lift.)  Current: Volts Phase: Hz Note: All Single-Speed Hoists are factory wired for 380 – 460 volts unless otherwise specified.  Lift Speed: FPM
AIR CHAIN HOISTS
Capacity: Ton(s) Lift: ' Push-Button Drop: (Standard Drop is 4' less than Lift.)  Lift Speed: FPM  Suspension: Lug Rigid Hook Plain Trolley Motor Driven Trolley 30 FPM 75 FPM Other  Chain Container Filter Regulator  Spark Resistant Lubricator  Latchlok Hook Upper Lower



**POWERED HOISTS, TROLLEYS & CRANE KITS** 

## BATTERY POWERED CHAIN HOISTS

SECTION CONTENTS: CM BATTERYSTAR

BATTERYSTAR

#### **CM** BATTERYSTAR CHAIN HOIST

#### ORDER NOW! AVAILABLE FOR SHIPMENT IN FALL 2024

Capacity (tonnes)	Product Code	Std. Lift (ft.)	Lifting Speed (fpm)	Battery & Charger included	Headroom (inches)	Weight (lbs.)	Suspension	User Price (US)
1	BCC1008R201US	20	8	Yes	14.6	47	Rigid Hook	\$3,650.00
1	BCC1008R202US	20	8	No	14.6	44	Rigid Hook	\$3,351.00
1	BCC1008S201US	20	8	Yes	15.8	47	Swivel Hook	\$3,720.00
1	BCC1008S202US	20	8	No	15.8	44	Swivel Hook	\$3,421.00

Extra chain Per Foot of lift: \$18.21 list up to a maximum of 60 ft. in 5 ft. lift increments. **NOTE**: Chain Container included up to 60 ft. lift for no additional charge.

Upper Swivel Hook installed - \$70.00 list

Less Chain Deduct - **\$364.20** list **NOTE:** Less Chain Units ordered using configured part# BCC1008

Battery/Charger Deduct - \$299.00 list

#### **REPLACEMENT LOAD CHAIN**

	Pe	r Foot		Per	Pail		Per Drum			
Diameter (in.)	Chain Per Foot Product Code		Length per Pail (ft.)	Pail Weight (lbs.)	Pail Product Code	Pail User Price (US)	Length per Drum (ft.)	Drum Weight (lbs.)	Drum Product Code	Drum User Price (US)
.250	636224	\$18.21	150	88	636224P150	\$2,731.50	500	292	636224D500	\$9,105.00



SECTION CONTENTS: CM SHOPSTAR

SHOPSTAR

NOTE: Chain Containers now included as standard with all Shopstar Hoists up to 20' Lift.



#### SHOPSTAR ELECTRIC CHAIN HOIST

(SINGLE PHASE / CONTACTOR IN PENDANT)



Duaduat	Rated	Normalian	Standard	Lifeina Connel	Wainha	User Price		
Product Code	Capacity (Pounds)	Number of Chains	Lift (Ft.)	Lifting Speed (FPM)	Weight (Pounds)	Rigid Hook or Lug Suspension	Universal Plain Trolley†	Universal Geared Trolley <sup>†</sup>
2070	250	1	10	16	26	\$2,321.00	\$2,623.00	\$2,891.00
2000	300	1	10	16	26	\$2,321.00	\$2,623.00	\$2,891.00
2095	500	2	10	8	32	\$2,715.00	\$3,017.00	\$3,285.00
2090	500	1	10	12	26	\$2,820.00	\$3,122.00	\$3,390.00
2001	600	2	10	8	32	\$3,045.00	\$3,347.00	\$3,615.00
2110	1000	2	10	6	32	\$3,222.00	\$3,524.00	\$3,792.00



#### SHOPSTAR ELECTRIC CHAIN HOIST

(SINGLE PHASE / CONTACTOR IN HOIST)



Product	Rated	Number	Ctondord	Lifting Coood	Weight	User Price		
Code	Capacity (Pounds)	Number of Chains	Standard Lift (Ft.)	Lifting Speed (FPM)	Weight (Pounds)	Rigid Hook or Lug Suspension	Universal Plain Trolley†	Universal Geared Trolley†
2069	250	1	10	16	26	\$2,586.00	\$2,888.00	\$3,156.00
2047	300	1	10	16	26	\$2,586.00	\$2,888.00	\$3,156.00
2094	500	2	10	8	32	\$2,978.00	\$3,280.00	\$3,548.00
2089	500	1	10	12	26	\$3,091.00	\$3,393.00	\$3,661.00
2048	600	2	10	8	32	\$2,978.00	\$3,280.00	\$3,548.00
2109	1000	2	10	6	32	\$3,365.00	\$3,667.00	\$3,935.00



#### SHOPSTAR ELECTRIC CHAIN HOIST

(3 PHASE)



		,								
Produc	t Code	Rated	Nb	04	Lifting	W-!-La		User	Price	
230-3-60	460-3-60	Capacity (Pounds)	Number of Chains	Standard Lift (Ft.)	Speed (FPM)	Weight (Pounds)	Rigid Hook or Lug Suspension	Universal Plain Trolley <sup>†</sup>	Universal Geared Trolley <sup>†</sup>	Universal Motorized Trolley <sup>†</sup>
2071	2072	250	1	10	16	28	\$2,845.00	\$3,147.00	\$3,415.00	\$7,591.00
2076	2077	250	1	10	24	28	\$2,909.00	\$3,211.00	\$3,479.00	\$7,655.00
2081	2082	250	1	10	40	28	\$2,975.00	\$3,277.00	\$3,545.00	\$7,721.00
2026	2029	300	1	10	16	28	\$2,845.00	\$3,147.00	\$3,415.00	\$7,591.00
2086	2087	300	1	10	24	28	\$2,909.00	\$3,211.00	\$3,479.00	\$7,655.00
2074	2075	300	1	10	40	28	\$2,975.00	\$3,277.00	\$3,545.00	\$8,147.00
2096	2097	500	2	10	8	34	\$3,275.00	\$3,577.00	\$3,845.00	\$8,021.00
2091	2092	500	1	10	12	28	\$3,400.00	\$3,702.00	\$3,970.00	\$8,146.00
2080	2084	500	1	10	16	28	\$3,463.00	\$3,765.00	\$4,033.00	\$8,209.00
2101	2102	500	2	10	20	34	\$3,401.00	\$3,703.00	\$3,971.00	\$8,147.00
2099	2100	500	1	10	24	28	\$3,531.00	\$3,833.00	\$4,101.00	\$8,277.00
2035	2038	600	2	10	8	34	\$3,275.00	\$3,577.00	\$3,845.00	\$8,021.00
2106	2107	600	2	10	12	34	\$3,339.00	\$3,641.00	\$3,909.00	\$8,085.00
2105	2114	600	2	10	20	34	\$3,401.00	\$3,703.00	\$3,971.00	\$8,147.00
2111	2112	1000	2	10	6	34	\$3,702.00	\$4,004.00	\$4,272.00	\$8,448.00
2116	2117	1000	2	10	8	32	\$3,723.00	\$4,025.00	\$4,293.00	\$8,469.00
2119	2121	1000	2	10	12	32	\$3,762.00	\$4,064.00	\$4,332.00	\$8,508.00

<sup>†</sup>NOTE: Universal Motorized Trolleys currently available @ 230/460V-3PH-60HZ power or 208V-3PH-60HZ power only.

For lifts other than standard, begin with 10' lift and add extra charges. Extra PB cord (standard drop 4' shorter than lift) \$10.30/foot. Extra power cord (standard length 6') \$10.30/foot.

Up to 10' power cord supplied on Universal Motorized Trolley for no additional charge. For additional length beyond 10' please apply \$10.30 list Per Foot.

Extra chain Per Foot of lift: \$19.05 single chain units, \$38.10 double chain units. Contactor in PB station.

These models do not contain CUL Approval. Lower Latchlok Hook installed — \$258.00.

**SWIVEL HOOK SUSPENSIONS** 

Product Code	Description	Field Kit List Price	Factory Install List Price		
10001130K	Latch-Type Swivel Hook	\$101.00	\$53.00		
10001297K	Latchlok Swivel Hook	\$337.00	\$204.00		

#### CM SHOPSTAR VINYL CHAIN CONTAINER

Product	Maximum Len	gth of Lift (Ft.)	Weight	User
Code	Single Reeved	Double Reeved	(Pounds)	Price
2063	10	5	1	\$95.00
2064	20	10	1.4	\$106.00
2065	40	20	1.4	\$127.00
2066	60	30	1.4	\$136.00
2058	80	40	2.2	\$160.00
2067	120	60	2.2	\$233.00

NOTE: Chain Containers now included as standard with all Shopstar Hoists up to 20' lift.

#### CM SHOPSTAR LOAD CHAIN (STARGRADE)

Description	Diameter (Inches)	Chain Per Foot Product Code	User Price Per Foot	Chain Drum Product Code	Length Per Drum (Ft.)	Weight (Pounds)	User Price Per Drum
Load Chain	0.157	85988	\$19.05	_	-	-	-
Load Chain	0.157	85988	\$19.05	85018	250	66	\$4,762.50
Load Chain	0.157	85988	\$19.05	85019	500	126	\$9,525.00
Load Chain	0.157	85988	\$19.05	85020	1000	244	\$19,050.00
Load Chain	.157 Z/P	85989	\$20.55	_	-	-	-



SECTION CONTENTS: CM VALUSTAR



# NOT CSA APPROVED

#### **CM** VALUSTAR ELECTRIC CHAIN HOISTS WITH RIGID HOOK SUSPENSION

	Capacity	Produc	t Code		Code with ontainer		Hoist Lifting	Lifting		Weight (	(Pounds)		*User Price
	(Tons)	115-1-60	230/460 3-60	115-1-60	230/460 3-60	Model	Speed (FPM)	Motor HP	Reeving	115-1-60	230/460 3-60	User Price	with Chain Container
	1/4	2401	2402	2401/92	2402/92	WB	16	1/2	1	54	58	\$3,351.00	\$3,460.00
Single-	1/2	2403	2404	2403/92	2404/92	WF	16	1/2	1	60	58	\$3,998.00	\$4,107.00
Speed 10'	1	2405	2406	2405/92	2406/92	WH	8	1/2	2	70	68	\$4,347.00	\$4,456.00
Lift	1	2407	2408	2407/92	2408/92	WL	16	1	1	105	106	\$4,595.00	\$4,704.00
	2	2409	2410	2409/93	2410/93	WR	8	1	2	130	122	\$5,598.00	\$5,748.00
	1/4	2401B	2402B	2401B/92	2402B/92	WB	16	1/2	1	64	62	\$3,520.00	\$3,629.00
Single-	1/2	2403B	2404B	2403B/92	2404B/92	WF	16	1/2	1	64	62	\$4,167.00	\$4,276.00
Speed 15'	1	2405B	2406B	2405B/92	2406B/92	WH	8	1/2	2	77	75	\$4,633.50	\$4,742.50
Lift	1	2407B	2408B	2407B/92	2408B/92	WL	16	1	1	111	112	\$4,800.00	\$4,909.00
	2	2409B	2410B	2409B/93	2410B/93	WR	8	1	2	136	128	\$5,956.50	\$6,106.50
	1/4	2401C	2402C	2401C/92	2402C/92	WB	16	1/2	1	68	66	\$3,689.00	\$3,798.00
Single-	1/2	2403C	2404C	2403C/92	2404C/92	WF	16	1/2	1	68	66	\$4,336.00	\$4,445.00
Speed 20'	1	2405C	2406C	2405C/93	2406C/93	WH	8	1/2	2	84	82	\$4,920.00	\$5,070.00
Lift	1	2407C	2408C	2407C/93	2408C/93	WL	16	1	1	116	117	\$5,005.00	\$5,155.00
	2	2409C	2410C	2409C/94	2410C/94	WR	8	1	2	150	142	\$6,315.00	\$6,596.00

For lifts other than standard.

Begin with 10' lift and add extra charges per below.

#### **CHARGES FOR EXTRA LIFT**

Voltage	Apply If Lift Exceeds (Ft.)	Models	Extra Chain Per Foot of Lift	Extra Control Cord Per Foot	Extra Power Cord Per Foot
	120	WB, WF	\$23.50		
115-1-60 or 230/ 460-	60	WH	\$47.00	\$10.30	\$10.30
3-60	120	WL	\$30.70	\$10.30	\$10.30
0 00	60	WR	\$61.40		

Standard lifts are 10, 15 and 20 feet.

Extra lift can be added.

5' power cord standard. Push-button drop 4' shorter than Lift.

#### **VALUSTAR METAL CHAIN CONTAINERS COMPLETE**

Product	† Bucket	M		ength of Li t.)	ft	Weight	User Price
Code	Length (Inches)	Models WB, WF	Model WH	Model WL	Model WR	(Pounds)	USET PTICE
2450	8	10	_	_	_	4	\$136.00
2451	11	20	10	10	-	5	\$138.00
2452	14	30	15	15	-	5	\$150.00
2453	17	40	20	20	10	6	\$162.00
2454	20	50	25	25	-	7	\$171.00
2455	23	60	30	30	15	7	\$191.00
2456	31	90	45	40	20	9	\$224.00
2457	36	100	50	60	30	10	\$275.00
2458	48	140	*70	90	45	13	\$578.00

<sup>&</sup>lt;sup>†</sup> Advise if bucket length causes headroom problems as larger diameter shorter length buckets are available.

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 electricification (if required).

#### \*CM VALUSTAR FABRIC CHAIN BAGS

Draduat Cada	oduct Code Bucket Length (Inches)		Maximum Length	of Lift (Ft.)		Weight (Pounds)	User Price
Product Code		Models WB & WF	Model WH	Model WL	Model WR	weight (Pounds)	User Price
3810PNH	14	30	15	15	_	5	\$109.00
3811PNH	23	_	30	30	15	7	\$150.00
3812PNH	36	_	_	_	30	10	\$281.00

<sup>\*</sup> NOTE: Included in product codes with Chain Container.

#### CM VALUSTAR HEAVY DUTY FABRIC CHAIN BAGS

Product	Bucket Length		imum Lengt		t.)	Weight	User
Code	(Inches)	Models WB & WF	Model WH	Model WL	Model WR	(Pounds)	Price
3810PNH	14	30	15	15	_	5	\$109.00
3811PNH	23	_	30	30	15	7	\$150.00
3812PNH	36	_	_	_	30	10	\$281.00

<sup>\*</sup> Bag size for all models is 7-1/2" x 7-1/2".

Product	Maximum Ler	ngth of Lift (Ft.)	* Bag Length	Weight	Haay Duisa
Code	Models Model WR 10 -		(Inches)	(Pounds)	User Price
2476	10	_	7	3	\$273.00
2477	20	10	10	3	\$294.00
2478	30	15	13	3	\$315.00
2479	45	20	16	4	\$373.00
2480	60	30	18	4	\$489.00
2481	90	45	20	4	\$537.00



<sup>\*</sup> Model H maximum is 60'

SECTION CONTENTS: COFFING JLC



#### **COFFING** JLC MODELS

NOTE: CHAIN CONTAINERS INCLUDED AS STANDARD WITH SINGLE REEVED JLC HOISTS UP TO 20' OF LIFT, AND DOUBLE REEVED MODELS UP TO 10' OF LIFT.



Capacity	Model _	Number of	Standard	Lift Speed	Motor HP	Lug Suspension		Universal Plain Trolley <sup>†</sup>	Universal Geared Trolley <sup>†</sup>	Universal Motorized Trolley†	
(Tons)	Number <sup>†</sup>	Chains	Lift (Ft.)	Speed (FPM)					JLCUTP	JLCUTG	JLCUTM
					1 Phase	3 Phase	Weight (Pounds)	User Price	User Price	User Price	User Price
	JLC0232-10	1	10	32	1/2	1/4	65	\$3,589.00	\$3,980.00	\$4,238.00	\$8,428.00
1/8	JLC0232-15	1	15	32	1/2	1/4	69	\$3,794.25	\$4,185.25	\$4,443.25	\$8,633.25
	JLC0232-20	1	20	32	1/2	1/4	73	\$3,999.50	\$4,390.50	\$4,648.50	\$8,838.50
	JLC0516-10	1	10	16	1/2	1/4	65	\$3,784.00	\$4,175.00	\$4,433.00	\$8,623.00
	JLC0532-10	1	10	32	1/2	1/2	79	\$4,013.00	\$4,404.00	\$4,662.00	\$8,852.00
1/4	JLC0516-15	1	15	16	1/2	1/4	69	\$3,989.25	\$4,380.25	\$4,638.25	\$8,828.25
1/4	JLC0532-15	1	15	32	1/2	1/2	83	\$4,218.25	\$4,609.25	\$4,867.25	\$9,057.25
	JLC0516-20	1	20	16	1/2	1/4	73	\$4,194.50	\$4,585.50	\$4,843.50	\$9,033.50
	JLC0532-20	1	20	32	1/2	1/2	87	\$4,423.50	\$4,814.50	\$5,072.50	\$9,262.50
	JLC1016-10	1	10	16	1/2	1/2	79	\$4,013.00	\$4,404.00	\$4,662.00	\$8,852.00
	JLC1032-10	1	10	32	1	1	92	\$4,313.00	\$4,704.00	\$4,962.00	\$9,152.00
1/2	JLC1016-15	1	15	16	1/2	1/2	83	\$4,218.25	\$4,609.25	\$4,867.25	\$9,057.25
1/2	JLC1032-15	1	15	32	1	1	96	\$4,518.25	\$4,909.25	\$5,167.25	\$9,357.25
	JLC1016-20	1	20	16	1/2	1/2	87	\$4,423.50	\$4,814.50	\$5,072.50	\$9,262.50
	JLC1032-20	1	20	32	1	1	100	\$4,723.50	\$5,114.50	\$5,372.50	\$9,562.50
	JLC2016-10	1	10	16	1	1	94	\$4,476.00	\$4,867.00	\$5,125.00	\$9,315.00
1	JLC2016-15	1	15	16	1	1	98	\$4,681.25	\$5,072.25	\$5,330.25	\$9,520.25
	JLC2016-20	1	20	16	1	1	102	\$4,886.50	\$5,277.50	\$5,535.50	\$9,725.50
	JLC4008-10	2	10	8	1	1	104	\$5,311.00	\$5,702.00	\$5,960.00	\$10,150.00
2	JLC4008-15	2	15	8	1	1	112	\$5,670.00	\$6,061.00	\$6,319.00	\$10,509.00
	JLC4008-20	2	20	8	1	1	120	\$6,029.00	\$6,420.00	\$6,678.00	\$10,868.00

NOTE: Push-button drop is 4' less than Lift. For special lifts, see page 16.

Hoist equipped with 15' power cord except JLCUTM models – power cord not included (optional, specify if needed).

#### **COFFING** JLC-V MODELS — VARIABLE SPEED

(12 TO 1 RATIO) WITH UNIVERSAL TROLLEY



Capacity	Model	Number	Standard Lift	Lifting Speed	Motor HP	Motor HP (3 Phase)		Universal Plain Trolley†	Universal Geared Trolley <sup>†</sup>	Universal Motorized Trolley <sup>†</sup>
(Tons)	Number <sup>†</sup>	of Chains	(Ft.)	(FPM)	(3 Phase)			JLCVUTP	JLCVUTG	JLCVUTM
						Weight (Pounds)	User Price	User Price	User Price	User Price
1/8	JLCV0232-10	1	10	32	1/4	68	\$5,106.00	\$5,497.00	\$5,755.00	\$9,945.00
1/4	JLCV0516-10	1	10	16	1/4	68	\$5,301.00	\$5,692.00	\$5,950.00	\$10,140.00
1/4	JLCV0532-10	1	10	32	1/2	81	\$5,530.00	\$5,921.00	\$6,179.00	\$10,369.00
1/2	JLCV1016-10	1	10	16	1/2	81	\$5,530.00	\$5,921.00	\$6,179.00	\$10,369.00
1/2	JLCV1032-10	1	10	32	1	95	\$5,830.00	\$6,221.00	\$6,479.00	\$10,669.00
1	JLCV2016-10	1	10	16	1	97	\$5,993.00	\$6,384.00	\$6,642.00	\$10,832.00
2	JLCV4008-10	2	10	8	1	107	\$6,828.00	\$7,219.00	\$7,477.00	\$11,667.00

NOTE: Push-button stations are 2-step standard, 3-step station optional++

Hoists are factory set for 2-step infinitely variable operation. If other setting are required please note at the time of order. VFD units are PE manufactured (Standard 24VAC ONLY).

Add \$283.00 for 3 -Step Hoist Buttons.
Push-button drop is 4' less than Lift. For special lifts, see page 16.

Hoist equipped with 15' power cord. JLCVUTM models – power cord not included (optional – specify if needed).

**NOTE:** Universal Motorized Trolleys currently available @ 230/460V-3PH-60HZ power or 208V-3PH-60HZ power only.

<sup>†</sup> For more information, Trolley adders/accessories, or to order CM Universal Trolleys separately, see page 60.



<sup>&</sup>lt;sup>++</sup> Request CSA-compliant Hoist at the time of order, see page 16.

<sup>\*\*</sup> Price shown is for 2-step Hoist VFD and 1 speed Trolley.

#### **COFFING** JLC MODELS

NOTE: CHAIN CONTAINERS INCLUDED AS STANDARD WITH SINGLE REEVED JLC HOISTS UP TO 20' OF LIFT, AND DOUBLE REEVED MODELS UP TO 10' OF LIFT.

			t with	Z Z	(0				Hoist with	Rigid Top	Hook Only	Hoist	with Plain	Trolley	Hoist with	Motorize	ed Trolley**
(abc)	Model		op Hook et Code	Number of	Standard (Ft.)	Lift Speed (FPM)	Moto	or HP		JLC*			JLCCT			JLCMT*	*
Capacity (Tons)	Number <sup>†</sup>	1 Phase	3 Phase	of Chains	ard Lift t.)		1 Phase	3 Phase	Headroom (Inches)	Weight (Pounds)	User Price	Headroom (Inches)	Weight (Pounds)	User Price	Headroom (Inches)	Weight (Pounds)	User Price
	JLC0232-10	08201W	08203W	1	10	32	1/2	1/4	18-1/8	65	\$3,589.00	17-5/16	89	\$4,336.00	17-5/16	175	\$9,006.00
1/8	JLC0232-15	08260W	08262W	1	15	32	1/2	1/4	18-1/8	69	\$3,794.25	17-5/16	93	\$4,541.25	17-5/16	179	\$9,211.25
	JLC0232-20	08261W	08263W	1	20	32	1/2	1/4	18-1/8	73	\$3,999.50	17-5/16	97	\$4,746.50	17-5/16	183	\$9,416.50
	JLC0516-10	08210W	08206W	1	10	16	1/2	1/4	18-1/8	65	\$3,784.00	17-5/16	89	\$4,531.00	17-5/16	175	\$9,201.00
	JLC0532-10	08213W	08217W	1	10	32	1/2	1/2	18-1/8	79	\$4,013.00	17-5/16	103	\$4,760.00	17-5/16	189	\$9,430.00
1/4	JLC0516-15	08211W	08207W	1	15	16	1/2	1/4	18-1/8	69	\$3,989.25	17-5/16	93	\$4,736.25	17-5/16	179	\$9,406.25
1/4	JLC0532-15	08214W	08218W	1	15	32	1/2	1/2	18-1/8	83	\$4,218.25	17-5/16	107	\$4,965.25	17-5/16	193	\$9,635.25
	JLC0516-20	08212W	08208W	1	20	16	1/2	1/4	18-1/8	73	\$4,194.50	17-5/16	97	\$4,941.50	17-5/16	183	\$9,611.50
	JLC0532-20	08215W	08219W	1	20	32	1/2	1/2	18-1/8	87	\$4,423.50	17-5/16	111	\$5,170.50	17-5/16	197	\$9,840.50
	JLC1016-10	08221W	08225W	1	10	16	1/2	1/2	18-1/8	79	\$4,013.00	17-5/16	103	\$4,760.00	17-5/16	189	\$9,430.00
	JLC1032-10	08230W	08235W	1	10	32	1	1	18-1/8	92	\$4,313.00	17-5/16	116	\$5,060.00	17-5/16	202	\$9,730.00
1/2	JLC1016-15	08222W	08227W	1	15	16	1/2	1/2	18-1/8	83	\$4,218.25	17-5/16	107	\$4,965.25	17-5/16	193	\$9,635.25
1/2	JLC1032-15	08231W	08236W	1	15	32	1	1	18-1/8	96	\$4,518.25	17-5/16	120	\$5,265.25	17-5/16	206	\$9,935.25
	JLC1016-20	08223W	08228W	1	20	16	1/2	1/2	18-1/8	87	\$4,423.50	17-5/16	111	\$5,170.50	17-5/16	197	\$9,840.50
	JLC1032-20	08232W	08237W	1	20	32	1	1	18-1/8	100	\$4,723.50	17-5/16	124	\$5,470.50	17-5/16	210	\$10,140.50
	JLC2016-10	08239W	08243W	1	10	16	1	1	18-1/8	94	\$4,476.00	17-5/16	118	\$5,223.00	17-5/16	204	\$9,893.00
1	JLC2016-15	08240W	08244W	1	15	16	1	1	18-1/8	98	\$4,681.25	17-5/16	122	\$5,428.25	17-5/16	208	\$10,098.25
	JLC2016-20	08241W	08245W	1	20	16	1	1	18-1/8	102	\$4,886.50	17-5/16	126	\$5,633.50	17-5/16	212	\$10,303.50
	JLC4008-10	08247W	08251W	2	10	8	1	1	20-13/16	104	\$5,311.00	20-5/8	160	\$6,376.00	20-5/8	214	\$10,728.00
2	JLC4008-15	08248W	08252W	2	15	8	1	1	20-13/16	112	\$5,670.00	20-5/8	168	\$6,735.00	20-5/8	222	\$11,087.00
	JLC4008-20	08249W	08253W	2	20	8	1	1	20-13/16	120	\$6,029.00	20-5/8	176	\$7,094.00	20-5/8	230	\$11,446.00

NOTE: Push-button drop is 4' less than Lift. For special lifts, see page 16.

Hoist equipped with 15' power cord. JLCMT models – power cord not included (optional – specify if needed).

For Patented Track applications for JLC Hoists with Plain Trolleys, use appropriate Patented Track adder.

JLCMT models require mainline contactor and 6-button Push-button stations - see page 27.

#### COFFING JLC-V MODELS — VARIABLE SPEED (12 TO 1 RATIO)

		(3 Phase) (3 Phase) (ifting Speed (FPM) Standard Lift (Ft.) Number of Chains		Hoist wi	th Rigid Top	Hook Only	Hoist	t with Plain	Trolley	Hoist with Motorized Trolley**					
Capacity (Tons)	Model Number <sup>†</sup>	Number of Chains	Standard (Ft.)	ting S (FPM	Motor HP (3 Phase)		JLC*		JLCCT			JLCMT**			
⊕ įį		er	Lit	peed )	se) ∓	Headroom (Inches)	Weight (Pounds)	User Price	Headroom (Inches)	Weight (Pounds)	User Price	Headroom (Inches)	Weight (Pounds)	User Price	
1/8	JLCV0232-10	1	10	32	1/4	18-1/8	68	\$5,106.00	17-15/16	89	\$5,853.00	17-15/16	175	\$10,523.00	
1/4	JLCV0516-10	1	10	16	1/4	18-1/8	68	\$5,301.00	17-15/16	89	\$6,048.00	17-15/16	175	\$10,718.00	
1/4	JLCV0532-10	1	10	32	1/2	18-1/8	81	\$5,530.00	17-15/16	103	\$6,277.00	17-15/16	189	\$10,947.00	
1/2	JLCV1016-10	1	10	16	1/2	18-1/8	81	\$5,530.00	17-15/16	103	\$6,277.00	17-15/16	189	\$10,947.00	
1/2	JLCV1032-10	1	10	32	1	18-1/8	95	\$5,830.00	17-15/16	116	\$6,577.00	17-15/16	202	\$11,247.00	
1	JLCV2016-10	1	10	16	1	18-1/8	97	\$5,993.00	17-15/16	118	\$6,740.00	17-15/16	204	\$11,410.00	
2	JLCV4008-10	2	10	8	1	20-13/16	107	\$6,828.00	20-5/8	160	\$7,842.00	20-5/8	214	\$12,245.00	

NOTE: Push-button stations are 2-step standard, 3-step station optional. Hoists are factory set for 2-step infinitely variable operation. If other setting are required please note at the time of order. VFD units are PE manufactured (Standard 24VAC ONLY).

Add \$283.00 for 3 -Step Hoist Buttons.
Push-button drop is 4' less than Lift. For special lifts, see page 16.

Hoist equipped with 15' power cord.

JLCMT models – power cord not included (optional – specify if needed).

NOTE: JLCCT units (I-beam or WF Beam) up to 9" Flange width or Pat Track (POA).

\*\* Price shown is for 2-step Hoist VFD and 1 speed Trolley. Adder for 2-step Trolley VFD - \$1500.00. Add \$283.00 for 3-Step Trolley Buttons.



<sup>\*</sup> Rigid Top Hook Standard. Specify Rigid Lug – if desired. (Maximum flange width for JLCCT and JLCMT is 9"). For JLC with Geared Trolley – consult factory.

<sup>\*\*</sup> Standard Trolley speeds are 35 & 75 FPM. Optional speeds available, see page 28. Specify speed when ordering. Request CSA-compliant Hoist at the time of order, see page 18.

<sup>†</sup> Standard I-Beam wheels are 4' tread diameter.

<sup>\*</sup> Specify lug suspension if Rigid Top Hook not desired. Rigid Top Hook Standard. Specify Rigid Lug if desired. (Maximum flange width for JLCCT and JLCMT is 9").

#### **COFFING** WEATHER-RESISTANT NYLON COVER FOR JLC HOISTS

Capacity (Tons)	Product Code	Model Number	Used on Hoist Models	User Price
1/8	08790W	JLC760-1	JLC0232	\$346.00
1/4	08791W	JLC760-2	JLC0516, JLC0532	\$346.00
1/2	08792W	JLC760-3	JLC1016, JLC1032	\$346.00
1	08793W	JLC760-4	JLC2016	\$346.00
2	08794W	JLC760-5	JLC4008	\$346.00

#### **COFFING** JLC SPECIAL LIFTS, P.B. DROPS & POWER CORDS

For additional lifts, add to 10' lift price.	Maximum Lift (Ft.)	User Price							
Extra foot of lift (1/8 – 1/2 Ton capacity)		143	\$30.75						
Extra foot of lift (1 Ton capacity)	143	\$30.75							
Extra foot of lift (2 Ton capacity)	71	\$61.50							
Extra foot of Push-button Drop or Power Cord		\$10.30							
Long Lift Limit Switch – required for lifts over 50' on single chain & 25' on double chain models	Single chai	n 51' to 143'	\$258.00						
Long Lift Limit Switch – required for firts over 50 off single chain & 25 off double chain models	in 26' to 71'	\$258.00							
Two-Speed Hoist (3:1) 3 ph. only — add to Single-Speed Hoist	\$1,502.00								
Two-Speed Trolley (3:1) 3 ph. only — add to Single-Speed Trolley price***									

#### **COFFING** CHAIN CONTAINERS FOR JLC MODELS

NOTE: CHAIN CONTAINERS INCLUDED AS STANDARD WITH SINGLE REEVED JLC HOISTS UP TO 20' OF LIFT. AND DOUBLE REEVED MODELS UP TO 10' OF LIFT..

Model Number	Description	Weight (Pounds)	User Price
JLC927-1	All models up to 20' single chain, up to 10' double chain - Plastic	3	\$100.00
JLC927-2	All models up to 35' single chain, up to 17' double chain - Plastic	4	\$122.00
JLC927-3	All models up to 50' single chain, up to 25' double chain - Plastic	5	\$284.00
JLC927-4	All models 50 ft. to 143 ft. single chain and 25 ft. to 71 ft. double chain - Metal	25	\$982.00
JLC927-20F	All models up to 20' single chain, up to 10' double chain - Fabric	3.5	\$280.00
JLC927-35F	All models up to 35' single chain, up to 17' double chain - Fabric	3.5	\$342.00
JLC927-50F	All models up to 50' single chain, up to 25' double chain - Fabric	4	\$444.00
JLC927-70F	All models up to 70' single chain, up to 35' double chain - Fabric	4	\$507.00

#### **COFFING** MT MODELS — MOTORIZED TROLLEY

Fits Beam	Capacity (Ton)	User Pr	ice
r ita beani	(Ton)	Single-Speed MT Less Brake †	Two-Speed* MT Less Brake †
3.33" to 7.00" Flange Width	1/4 to 2	\$5,417.00	\$6,990.00
3.33" to 7.00" Flange Width	3	\$6,842.00	\$8,415.00
4.00" to 7.00" Flange Width (Straight Track)	4 & 5 <sup>‡</sup>	\$7,988.00	\$9,561.00

**NOTE:** Request CSA-compliant Trolleys at the time of order.

NOTE: Trolley equipped with 2-button station, 6' P.B. cable and clevis for hook mounting. Power cord not included (optional). Standard speeds are 35 & 75 FPM. Optional speeds available – see page 28. Dual tread wheels.



<sup>†</sup> If brake is required, add \$1080.00.

<sup>\*</sup> Two-speed Trolley has 3:1 speed ratio (3-phase only).

 $<sup>^{\</sup>ddagger}$  4 & 5 Ton models on straight track only; articulating models – P.O.A.

SECTION CONTENTS: COFFING EC



## COFFING CANADIAN CUSTOMERS — SPECIAL INFORMATION

Coffing Hoist Models EC, ECT, ECGT, JLC, JLCET, WR, WRT, and WRGT are built in-compliance with CSA. Please Request CSA Identification at the time of order.

Coffing Hoist Models ECMT, JLCMT, and WRMT require additional options to meet CSA. Options: Mainline contactor and 6-button Push-button stations.

CSA approval pending on all Universal Trolley models.

CSA Adder of \$775.00 for Single-Speed Hoist, Single-Speed motorized Trolley, and mainline contactor.

Please request CSA-compliant Hoist and motorized Trolley units at the time of order.

CSA Adder for Two-Speed options: consult factory.

#### HOW TO SPECIFY COFFING ELECTRIC CHAIN HOIST MODEL NUMBERS

**COFFING** EC - 05 16 - 1 - 10

MODEL	.s	CAPACITY (POUNDS)	LIFT SPEED	VOLTAGE	LIFT
EC JLC ECT ECUTP JLCUTP JLCET ECGT ECUTG JLCUTG ECMT JLCMT ECUTM	Electric Chain, Hook Mounted Electric Chain, Hook Mounted Electric Chain, w/Plain Trolley Electric Chain, w/Universal Plain Trolley Electric Chain, w/Universal Plain Trolley Electric Chain, w/Plain Trolley Electric Chain, w/Geared Trolley Electric Chain, w/Universal Geared Trolley Electric Chain, w/Universal Geared Trolley Electric Chain, w/Motorized Trolley Electric Chain, w/Motorized Trolley Electric Chain, w/Motorized Trolley	02 250 05 500 10 1000 20 2000 40 4000 60 6000 80 8000 100 10000	04 4 FPM 05 5 FPM 06 6 FPM 08 8 FPM 09 9 FPM 10 10 FPM 12 12 FPM 16 16 FPM 24 24 FPM 32 32 FPM 64 64 FPM	1 115/230 V (Single-Speed) 2 230 V (Two-Speed) 3 230/460 V (Single-Speed) 4 460 V (Two-Speed) 5 575 V (Single-Speed) 6 575 V (Two-Speed) 7 208 V (Single-Speed) 8 208 V (Two-Speed)  Consult factory for special voltages.	10 10 ' 15 15 ' 20 20 ' 25 25 ' 30 30 ' 35 35 ' 40 40 ' 45 45 ' Etc.
JLCUTM ED EDT EDGT EDMT	Electric Chain, w/Universal Motorized Trolley Extended Duty, Lug Mounted Extended Duty, w/Plain Trolley Extended Duty w/Geared Trolley Extended Duty w/Motorized Trolley				

#### **ORDERING INFORMATION ELECTRIC CHAIN HOISTS**

SPECIFY THE FOLLOWING:

Base Model

• Lift

· Single or Two-Speed

• P.B. Drop

Voltage

Power Cord

Phase
 Suspension

· Special Top or Bottom Hooks

· Beam Size

· Chain Container

· Accessories

#### **VOLTAGE OPTIONS:**

#### SINGLE-SPEED VOLTAGES

## TWO-SPEED VOLTAGES 208 Volt - 3 Phase - 60 Hertz

 115/230 Volt - 1 Phase - 60 Hertz
 208 Volt - 3 Phase - 60 Hertz

 208 Volt - 3 Phase - 60 Hertz
 230 Volt - 3 Phase - 60 Hertz

 230/460 Volt - 3 Phase - 60 Hertz
 460 Volt - 3 Phase - 60 Hertz

 575 Volt - 3 Phase - 60 Hertz
 575 Volt - 3 Phase - 60 Hertz

**NOTE:** Consult factory for voltages not listed, additional options, or other specialized applications.

#### COFFING EC MODELS



							Lug Sı	uspension		Hoist with Trolle	ey <sup>†</sup>
Capacity (Tons)	Model Number††	Number of Chains	Standard Lift (Ft.)	Lift Speed (FPM)	Mote	or HP		EC		Universal Geared Trolley ECUTG	Universal Motorized Trolley ECUTM
					1 Phase	3 Phase	Weight (Pounds)	User Price	User Price	User Price	User Price
	EC0516-10	1	10	16	1/4	1/4	106	\$4,527.00	\$4,918.00	\$5,176.00	\$9,366.00
	EC0532-10	1	10	32	1/4	1/4	112	\$4,566.00	\$4,957.00	\$5,215.00	\$9,405.00
	EC0564-10	1	10	64	1/2	1/2	115	\$5,197.00	\$5,588.00	\$5,846.00	\$10,036.00
	EC0516-15	1	15	16	1/4	1/4	110	\$4,703.50	\$5,094.50	\$5,352.50	\$9,542.50
1/4	EC0532-15	1	15	32	1/4	1/4	114	\$4,742.50	\$5,133.50	\$5,391.50	\$9,581.50
1/4	EC0564-15	1	15	64	1/2	1/2	119	\$5,373.50	\$5,764.50	\$6,022.50	\$10,212.50
	EC0504-15	1	20	16	1/4	1/4	114	\$4,880.00	\$5,271.00	\$5,529.00	\$9,719.00
	EC0510-20	1	20	32	1/4	1/4	118	\$4,000.00	\$5,271.00	\$5,568.00	\$9,758.00
	EC0552-20 EC0564-20	1	20	64	1/2	1/2	123				
			-		-			\$5,550.00	\$5,941.00	\$6,199.00	\$10,389.00
	EC1009-10	1	10	9	1/4	1/4	110	\$5,043.00	\$5,434.00	\$5,692.00	\$9,882.00
	EC1016-10	1	10	16	1/2	1/2	110	\$5,213.00	\$5,604.00	\$5,862.00	\$10,052.00
	EC1032-10	1	10	32	1	1	117	\$5,804.00	\$6,195.00	\$6,453.00	\$10,643.00
1/0	EC1009-15	1	15	9	1/4	1/4	114	\$5,219.50	\$5,610.50	\$5,868.50	\$10,058.50
1/2	EC1016-15	1	15	16	1/2	1/2	114	\$5,389.50	\$5,780.50	\$6,038.50	\$10,228.50
	EC1032-15	1	15	32	1	1	121	\$5,980.50	\$6,371.50	\$6,629.50	\$10,819.50
	EC1009-20	1	20	9	1/4	1/4	118	\$5,396.00	\$5,787.00	\$6,045.00	\$10,235.00
	EC1016-20	1	20	16	1/2	1/2	118	\$5,566.00	\$5,957.00	\$6,215.00	\$10,405.00
	EC1032-20	1	20	32	1	1	125	\$6,157.00	\$6,548.00	\$6,806.00	\$10,996.00
	EC2004-10	2	10	4	1/4	1/4	114	\$5,520.00	\$5,911.00	\$6,169.00	\$10,359.00
	EC2008-10	2	10	8	1/2	1/2	120	\$5,520.00	\$5,911.00	\$6,169.00	\$10,359.00
	EC2012-10	1	10	12	1	1	118	\$5,658.00	\$6,049.00	\$6,307.00	\$10,497.00
	EC2016-10	1	10	16	1	1	121	\$5,804.00	\$6,195.00	\$6,453.00	\$10,643.00
	EC2032-10	1	10	32	N/A	2	310	\$9,327.00	\$10,112.00	\$10,346.00	\$14,649.00
	EC2048-10	1	10	48	N/A	3	310	\$11,368.00	\$12,153.00	\$12,387.00	\$16,690.00
	EC2004-15	2	15	4	1/4	1/4	123	\$5,821.50	\$6,212.50	\$6,470.50	\$10,660.50
	EC2008-15	2	15	8	1/2	1/2	125	\$5,821.50	\$6,212.50	\$6,470.50	\$10,660.50
1	EC2012-15	1	15	12	1	1	123	\$5,863.00	\$6,254.00	\$6,512.00	\$10,702.00
1	EC2016-15	1	15	16	1	1	126	\$6,009.00	\$6,400.00	\$6,658.00	\$10,848.00
	EC2032-15	1	15	32	N/A	2	319	\$9,616.00	\$10,401.00	\$10,635.00	\$14,938.00
	EC2048-15	1	15	48	N/A	3	319	\$11,657.00	\$12,442.00	\$12,676.00	\$16,979.00
	EC2004-20	2	20	4	1/4	1/4	132	\$6,123.00	\$6,514.00	\$6,772.00	\$10,962.00
	EC2008-20	2	20	8	1/2	1/2	130	\$6,123.00	\$6,514.00	\$6,772.00	\$10,962.00
	EC2012-20	1	20	12	1	1	128	\$6,068.00	\$6,459.00	\$6,717.00	\$10,907.00
	EC2016-20	1	20	16	1	1	131	\$6,214.00	\$6,605.00	\$6,863.00	\$11,053.00
	EC2032-20	1	20	32	N/A	2	328	\$9,905.00	\$10,690.00	\$10,924.00	\$15,227.00
	EC2048-20	1	20	48	N/A	3	328	\$11,946.00	\$12,731.00	\$12,965.00	\$17,268.00
	EC4006-10	2	10	6	1	1	128	\$6,454.00	\$6,845.00	\$7,103.00	\$11,293.00
	EC4008-10	2	10	8	1	1	132	\$6,764.00	\$7,155.00	\$7,413.00	\$11,603.00
	EC4006-10	1	10	16	NA	2	310	\$8,353.00	\$9,138.00	\$9,372.00	\$13,675.00
	EC4024-10	1	10	24	N/A	3	316	\$9,297.00	\$10,082.00	\$10,316.00	\$14,619.00
	EC4024-10 EC4006-15	2	15	6	1 1	1	137	\$6,812.50	\$7,203.50	\$7,461.50	\$14,619.00
	EC4008-15	2	15	8	1	1	141	\$7,122.50	\$7,513.50	\$7,771.50	\$11,961.50
2		1									
	EC4016-15		15	16	N/A	2	319	\$8,642.00	\$9,427.00	\$9,661.00	\$13,964.00
	EC4024-15	1	15	24	N/A	3	325	\$9,586.00	\$10,371.00	\$10,605.00	\$14,908.00
	EC4006-20	2	20	6	1	1	146	\$7,171.00	\$7,562.00	\$7,820.00	\$12,010.00
	EC4008-20	2	20	8	1	1	150	\$7,481.00	\$7,872.00	\$8,130.00	\$12,320.00
	EC4016-20	1	20	16	N/A	2	328	\$8,931.00	\$9,716.00	\$9,950.00	\$14,253.00
	EC4024-20	1	20	24	N/A	3	334	\$9,875.00	\$10,660.00	\$10,894.00	\$15,197.00

NOTE: Push-button drop is 4' less than Lift. For special lifts, see page 26.

Hoist equipped with 15' power cord except ECUTM models – power cord not included (optional – specify if needed).



<sup>\*</sup> Specify Lug Suspension if Rigid Top Hook is not desired.

<sup>\*\*</sup> Standard Trolley speeds are 15, 35 or 75 FPM (Single-Speed). 75 FPM Trolley is only available on 1 & 2 Ton EC3 models.

 $<sup>^{\</sup>mbox{\tiny ††}}$  Request CSA-compliant Hoist at the time of order, see page 18.

 $<sup>^{\</sup>dagger}$  For more information, Trolley adders/accessories, or to order CM Universal Trolleys separately, see page 60.

#### **COFFING** EC MODELS



							Lug S	uspension	Hoist with Trolley <sup>†</sup>			
Capacity	EC Model	Number of	Standard Lift	Lift Speed	Moto	or HP		EC	Universal Plain Trolley <sup>†</sup>	Universal Geared Trolley <sup>†</sup>	Universal Motorized Trolley†	
(Tons)	Number**	Chains	(Ft.)	(FPM)					ECUTP	ECUTG	ECUTM	
					1 Phase	3 Phase	Weight (Pounds)	User Price	User Price	User Price	User Price	
	EC6005-10	3	10	5	1	1	180	\$8,771.00	\$9,556.00	\$9,790.00	\$14,093.00	
	EC6010-10	2	10	10	N/A	2	345	\$9,820.00	\$10,605.00	\$10,839.00	\$15,142.00	
	EC6016-10	2	10	16	N/A	3	360	\$10,738.00	\$11,523.00	\$11,757.00	\$16,060.00	
	EC6005-15	3	15	5	1	1	189	\$9,283.00	\$10,068.00	\$10,302.00	\$14,605.00	
3	EC6010-15	2	15	10	N/A	2	365	\$10,346.50	\$11,131.50	\$11,365.50	\$15,668.50	
	EC6016-15	2	15	16	N/A	3	380	\$11,264.50	\$12,049.50	\$12,283.50	\$16,586.50	
	EC6005-20+	3	20	5	1	1	198	\$10,053.00	\$10,838.00	\$11,072.00	\$15,375.00	
	EC6010-20	2	20	10	N/A	2	385	\$10,873.00	\$11,658.00	\$11,892.00	\$16,195.00	
	EC6016-20	2	20	16	N/A	3	400	\$11,791.00	\$12,576.00	\$12,810.00	\$17,113.00	

NOTE: Push-button drop is 4' less than Lift. For special lifts, see page 26.

+ Standard Trolley speeds are 15, 35 or 75 FPM (Single-Speed). 75 FPM Trolley only available on 1 & 2 Ton.

Two-Speed Hoist (3:1) 3-phase only — add to Single-Speed Hoist price. Includes Nema 4X control station and additional push Buttons. 1/4 – 1 H.P. – \$1517.00 2 & 3 H.P. – \$1705.00

+ Price includes adder for long lift limit switch.

NOTE : Universal Motorized Trolleys currently available @ 230/460V-3PH-60HZ power or 208V-3PH-60HZ power only.

 $\verb| th For more information, Trolley adders/accessories, or to order CM Universal Trolleys separately, see page 60.$ 



#### **COFFING** EC-V ELECTRIC CHAIN HOISTS

WITH UNIVERSAL TROLLEY (UP TO 3-TON)



				ft Maximum Lift Speed		Lug Sı	ıspension	ı	Hoist with Trolley	,
Capacity	Model Number	Number of	Standard Lift		Motor HP		ECV	Universal Plain Trolley	Universal Geared Trolley	Universal Motorized Trolley
(Tons)	Model Number	Chains	(Ft.)	(Ft.) (FPM) 3 Phase			ECVUTP	ECVUTG	ECVUTM	
						Weight (Pounds)	User Price	User Price	User Price	User Price
1/4	ECV0516-10	1	10	16	1/4	112	\$6,044.00	\$6,435.00	\$6,693.00	\$10,883.00
1/4	ECV0532-10	1	10	32	1/2	118	\$6,083.00	\$6,474.00	\$6,732.00	\$10,922.00
	ECV1009-10	1	10	9	1/4	116	\$6,560.00	\$6,951.00	\$7,209.00	\$11,399.00
1/2	ECV1016-10	1	10	16	1/2	116	\$6,730.00	\$7,121.00	\$7,379.00	\$11,569.00
	ECV1032-10	1	10	32	1	123	\$7,321.00	\$7,712.00	\$7,970.00	\$12,160.00
	ECV2004-10	2	10	4	1/4	120	\$7,037.00	\$7,428.00	\$7,686.00	\$11,876.00
	ECV2008-10	2	10	8	1/2	126	\$7,037.00	\$7,428.00	\$7,686.00	\$11,876.00
1	ECV2012-10	1	10	12	1	124	\$7,175.00	\$7,566.00	\$7,824.00	\$12,014.00
l	ECV2016-10	1	10	16	1	127	\$7,321.00	\$7,712.00	\$7,970.00	\$12,160.00
	ECV2032-10	1	10	24	2	315	\$11,032.00	\$11,817.00	\$12,051.00	\$16,354.00
	ECV2048-10	1	10	48	3	321	\$13,073.00	\$13,858.00	\$14,092.00	\$18,395.00
	ECV4006-10	2	10	6	1	134	\$7,971.00	\$8,362.00	\$8,620.00	\$12,810.00
0	ECV4008-10	2	10	8	1	138	\$8,281.00	\$8,672.00	\$8,930.00	\$13,120.00
2	ECV4016-10	1	10	16	2	315	\$10,058.00	\$10,843.00	\$11,077.00	\$15,380.00
	ECV4024-10	1	10	24	3	321	\$11,002.00	\$11,787.00	\$12,021.00	\$16,324.00
	ECV6005-10	3	10	5	1	185	\$10,288.00	\$11,073.00	\$11,307.00	\$15,610.00
3	ECV6010-10	2	10	10	2	350	\$11,525.00	\$12,310.00	\$12,544.00	\$16,847.00
	ECV6016-10	2	10	16	3	365	\$12,443.00	\$13,228.00	\$13,462.00	\$17,765.00

NOTE: Push-button stations are 2-step standard, 3-step station optional.

Hoists are factory set for 2-step infinitely variable operation. If other setting are required please note at the time of order. VFD units are PE manufactured (Standard 24VAC). Contact factory for 115VAC (POA).

Push-button drop is 4' less than Lift. For special lifts, see page 28.

Hoist are equipped with 15' power cords. ECVUTM models – power cord not included (optional – specify if needed).

Add \$283.00 for 3 – Step Hoist Buttons.

NOTE: Universal Motorized Trolleys currently available @ 230/460V-3PH-60HZ power or 208V-3PH-60HZ power only.

<sup>†</sup> For more information, Trolley adders/accessories, or to order CM Universal Trolleys separately, see page 60.

HOW TO SPECIFY ELECTRIC CHAIN MODEL NUMBERS - SEE PAGE 18.

ORDERING INFORMATION ELECTRIC CHAIN HOISTS - SEE PAGE 18.



#### **COFFING** EC MODELS

Constant   Mumber   Ecos   E			Jec	Jec	S					Hoist w	ith Top H	look Only			Hois	st with Tro	olley†		
ECOSIGN   Fractable   Fracta	Canacity	Model	rt Numk	rt Numk	f Chain	Lift (Ft.	d (FPM)	Moto	or HP		EC*			Plair	1 Trolley	Geare	d Trolley	Motorizo	ed Trolley**
ECOSIGN   Fractable   Fracta	(Tons)		se Pal	se Pa	ber o	ıdard	Spee								ECT	E	CGT	EC	MT**
EC0532-10   10013W   10017W   1   10   32   1/2   16-7/8   112   54,566.00   17-11/32   157   55,313.00   167   56,090.00   192   59;			1 Pha	3 Pha	Num	Stan	Lift						(iliciles)						User Price
EC0564-10   10025W   10026W   1   10   64   1   1   16-7/8   115   \$5,197.00   77-11/32   160   \$5,944.00   170   \$6,721.00   195   \$10   \$10   \$10050W   10050W   1   15   61   1/4   1/4   16-7/8   110   \$4,703.50   17-11/32   160   \$5,495.50   165   \$6,337.50   190   \$10   \$10   \$10   \$2,000.00   \$10   \$10   \$2,000.00   \$10   \$10   \$2,000.00   \$10   \$10   \$2,000.00   \$10   \$10   \$10   \$2,000.00   \$10   \$10   \$2,000.00   \$10   \$10   \$2,000.00   \$10   \$10   \$2,000.00   \$10   \$10   \$2,000.00   \$10   \$10   \$2,000.00   \$10   \$10   \$2,000.00   \$10   \$10   \$2,000.00   \$10   \$10   \$2,000.00   \$10   \$10   \$2,000.00   \$10   \$10   \$2,000.00   \$10		EC0516-10	10001W	10005W	1	10	16		1/4	16-7/8	106	\$4,527.00	17-11/32	151	\$5,274.00	161	\$6,051.00	186	\$9,944.00
EC0516-15   10002W   10006W   1   15   15   14   14   16-7/8   110   \$4,703.50   17-11/32   155   \$5,450.50   165   \$6,337.50   190   \$10   \$10   \$2,005.60   \$10,005.60   \$	1	EC0532-10	10013W	10017W	1	10	32	1/2	1/2	16-7/8	112	\$4,566.00	17-11/32	157	\$5,313.00	167	\$6,090.00	192	\$9,983.00
1/4	ı	EC0564-10	10025W	10029W	1	10	64			16-7/8	115	\$5,197.00	17-11/32	160	\$5,944.00	170	\$6,721.00	195	\$10,614.00
EC0564-15   10026W   10030W   1   15   64   1   1   16-7/8   119   \$5,373.50   17-11/32   164   \$6,120.50   174   \$7,007.50   200   \$10,					1					-	110		17-11/32	155	\$5,450.50	165	\$6,337.50	190	\$10,120.50
EC0516-20 10003W 10007W 1 20 16 1/4 1/4 16-7/8 114 \$4,880.00 17-11/32 159 \$5,627.00 169 \$6,624.00 194 \$10, EC0532-20 10015W 10019W 1 20 64 1 1 16-7/8 123 \$5,550.0 17-11/32 163 \$5,666.00 173 \$6,663.00 200 \$10, EC0564-20 10027W 10031W 1 20 64 1 1 16-7/8 123 \$5,550.00 17-11/32 163 \$5,666.00 178 \$7,244.00 205 \$10, EC1009-10 10037W 10041W 1 10 9 1/4 1/4 16-7/8 110 \$5,043.00 17-11/32 165 \$6,297.00 165 \$6,567.00 190 \$10, EC1016-10 10049W 10053W 1 10 16 1/2 1/2 16-7/8 110 \$5,043.00 17-11/32 155 \$5,790.00 165 \$6,567.00 190 \$10, EC1016-10 10049W 10053W 1 10 32 1 1 16-7/8 117 \$5,804.00 17-11/32 155 \$5,960.00 165 \$6,567.00 190 \$10, EC1016-15 10038W 10042W 1 15 9 1/4 1/4 16-7/8 117 \$5,804.00 17-11/32 169 \$6,551.00 172 \$7,328.00 197 \$11, EC1019-15 10038W 10042W 1 15 9 1/4 1/4 16-7/8 114 \$5,219.50 17-11/32 169 \$5,966.50 169 \$6,853.50 194 \$10, EC10132-15 10052W 10064W 1 15 10 1 1 15 16 1/2 1/2 16-7/8 114 \$5,219.50 17-11/32 159 \$6,165.00 169 \$7,023.50 194 \$10, EC1016-15 10052W 10064W 1 15 10 32 1 1 16-7/8 114 \$5,219.50 17-11/32 159 \$6,165.00 169 \$7,023.50 194 \$10, EC1016-20 10039W 10043W 1 20 9 1/4 1/4 16-7/8 118 \$5,566.00 17-11/32 163 \$6,133.00 173 \$7,140.00 198 \$10, EC1016-20 10051W 10055W 1 20 16 1/2 1/2 16-7/8 118 \$5,566.00 17-11/32 163 \$6,133.00 173 \$7,140.00 198 \$10, EC1018-20 10051W 10055W 1 20 16 1/2 1/2 16-7/8 118 \$5,560.00 17-11/32 163 \$6,013.00 173 \$7,140.00 198 \$10, EC2004-10 N/A N/A 2 10 8 1/2 1/2 18-1/4 120 \$5,520.00 18-11/16 163 \$6,607.00 175 \$7,044.00 198 \$10, EC2004-10 N/A N/A 2 10 4 1/4 1/4 18-1/4 120 \$5,520.00 18-11/16 163 \$6,607.00 175 \$7,044.00 198 \$10, EC2016-10 10101W 10105W 1 10 16 1 1 16-7/8 121 \$5,804.00 17-11/32 163 \$6,607.00 175 \$7,044.00 198 \$11, EC2016-10 10101W 10105W 1 10 16 1 1 16-7/8 121 \$5,804.00 17-11/32 163 \$6,607.00 175 \$7,044.00 198 \$11, EC2016-10 10101W 10105W 1 10 16 1 1 16-7/8 121 \$5,804.00 17-11/32 163 \$6,607.00 175 \$7,044.00 198 \$11, EC2016-10 10101W 10105W 1 10 16 1 1 16-7/8 128 \$5,550.00 18-11/16 163 \$6,565.00 175 \$7,044.00 198 \$11, EC2016-10 10101W 10105W 1 10 16 1 1 16-7/8 128 \$5,	1/4				1					-	114	\$4,742.50		160	\$5,489.50	170	\$6,376.50	194	\$10,159.50
EC0552-20 10015W 10019W 1 20 32 1/2 1/2 16-7/8 118 \$4,919.00 17-11/32 163 \$5,666.00 173 \$6,663.00 200 \$10, EC0564-20 10027W 10031W 1 20 64 1 1 16-7/8 123 \$5,5550.00 17-11/32 168 \$6,297.00 178 \$7,294.00 205 \$10, EC1016-10 10049W 10053W 1 1 10 9 1/4 1/4 16-7/8 110 \$5,043.00 17-11/32 155 \$5,790.00 165 \$6,657.00 190 \$10, EC1016-10 10049W 10053W 1 10 10 16 1/2 1/2 16-7/8 110 \$5,213.00 17-11/32 155 \$5,960.00 165 \$6,737.00 190 \$10, EC1032-10 10061W 10065W 1 10 32 1 1 16-7/8 117 \$5,804.00 17-11/32 155 \$5,960.00 165 \$6,737.00 190 \$10, EC1032-10 10061W 10065W 1 15 9 1/4 1/4 16-7/8 117 \$5,204.00 17-11/32 159 \$5,965.00 172 \$7,328.00 197 \$11/2 EC1016-15 10050W 10054W 1 15 9 1/4 1/4 16-7/8 114 \$5,219.00 17-11/32 159 \$6,136.50 169 \$7,023.50 194 \$10, EC1032-15 10062W 10066W 1 15 32 1 1 16-7/8 121 \$5,980.50 17-11/32 159 \$6,136.50 169 \$7,023.50 194 \$10, EC1032-15 10062W 10066W 1 15 32 1 1 16-7/8 121 \$5,980.50 17-11/32 163 \$6,135.00 173 \$7,140.00 198 \$10, EC1016-20 10051W 10055W 1 20 9 1/4 1/4 16-7/8 118 \$5,566.00 17-11/32 163 \$6,135.00 173 \$7,140.00 198 \$10, EC1032-20 10063W 10067W 1 20 9 1/4 1/4 16-7/8 118 \$5,560.00 17-11/32 163 \$6,135.00 173 \$7,140.00 198 \$10, EC1032-20 10063W 10067W 1 20 32 1 1 16-7/8 128 \$5,500.00 18-11/16 163 \$6,267.00 175 \$7,044.00 198 \$10, EC2002-10 10051W 10055W 1 20 10 4 1/4 18-1/4 114 \$5,200.00 18-11/16 165 \$6,267.00 175 \$7,044.00 198 \$10, EC2002-10 10051W 10055W 1 20 10 4 1/4 18-1/4 114 \$5,520.00 18-11/16 165 \$6,267.00 175 \$7,044.00 198 \$10, EC2002-10 10051W 10055W 1 20 10 4 1/4 18-1/4 120 \$5,520.00 18-11/16 165 \$6,667.00 173 \$7,182.00 198 \$11, EC2002-10 10051W 10055W 1 20 10 48 1/4 14 18-1/4 120 \$5,520.00 18-11/16 165 \$6,667.00 175 \$7,044.00 198 \$10, EC2002-10 10051W 10055W 1 20 10 48 1/4 14 18-1/4 120 \$5,520.00 18-11/16 165 \$6,667.00 175 \$7,044.00 198 \$10, EC2002-10 10051W 10055W 1 20 10 48 1/4 14 14 18-1/4 120 \$5,520.00 18-11/16 165 \$6,667.00 173 \$7,182.00 198 \$11, EC2002-10 10050W 10050W 1 10 12 1 1 1 16-7/8 121 \$5,804.00 17-11/32 166 \$6,655.00 175 \$7,044.00 198 \$10, EC2002-10 10050W 10050W 2 15 4					1						119			164		174	\$7,007.50	200	\$10,790.50
EC0564-20   10027W   10031W   1   20   64   1   1   16-7/8   123   \$5,550.00   17-11/32   168   \$6,297.00   178   \$7,294.00   205   \$10						_	_		_	-									\$10,297.00
EC1009-10   10037W   10041W   1   10   9   1/4   1/4   16-7/8   110   \$5,043.00   17-11/32   155   \$5,790.00   165   \$6,567.00   190   \$10, EC1016-10   10049W   10053W   1   10   16   1/2   1/2   16-7/8   110   \$5,213.00   17-11/32   155   \$5,960.00   165   \$6,737.00   190   \$10, EC1032-10   10061W   10065W   1   10   32   1   1   16-7/8   111   \$5,213.00   17-11/32   155   \$5,960.00   165   \$6,737.00   190   \$10, EC1032-10   10061W   10065W   1   10   3   1/4   1/4   16-7/8   114   \$5,319.50   17-11/32   159   \$5,966.50   169   \$6,853.50   194   \$10, EC1032-15   10062W   10056W   1   15   16   1/2   1/2   16-7/8   114   \$5,389.50   17-11/32   159   \$6,136.50   169   \$7,023.50   194   \$10, EC1032-15   10062W   10066W   1   15   32   1   1   16-7/8   118   \$5,396.00   17-11/32   163   \$6,725.50   176   \$7,614.50   201   \$11, EC1009-20   10039W   10043W   1   20   9   1/4   1/4   16-7/8   118   \$5,396.00   17-11/32   163   \$6,133.00   173   \$7,140.00   198   \$10, EC1032-20   10039W   10043W   1   20   32   1   1   16-7/8   118   \$5,566.00   17-11/32   163   \$6,313.00   173   \$7,310.00   198   \$10, EC1032-20   10063W   10067W   1   20   32   1   1   16-7/8   118   \$5,566.00   17-11/32   163   \$6,313.00   173   \$7,310.00   198   \$10, EC1032-20   10063W   10067W   1   20   32   1   1   16-7/8   118   \$5,566.00   17-11/32   163   \$6,670.00   175   \$7,044.00   200   \$10, EC2008-10   10073W   10077W   2   10   8   1/2   1/2   18-1/4   120   \$5,520.00   18-11/16   165   \$6,667.00   175   \$7,044.00   200   \$10, EC2012-10   10085W   10085W   10089W   1   10   12   1   1   16-7/8   118   \$5,668.00   17-11/32   163   \$6,450.00   175   \$7,044.00   200   \$10, EC2012-10   10085W							_			-									\$10,336.00
EC1016-10   10049W   10053W   1   10   16   1/2   1/2   16-7/8   110   \$5,213.00   17-11/32   155   \$5,960.00   165   \$6,737.00   190   \$10, EC10032-10   10061W   10065W   1   10   32   1   1   16-7/8   117   \$5,804.00   17-11/32   162   \$6,551.00   172   \$7,328.00   197   \$11, \$17.00   17-11/32   165   \$6,000   17-11/32   162   \$6,551.00   172   \$7,328.00   197   \$11, \$17.00   17-11/32   165   \$6,551.00   172   \$7,328.00   197   \$11, \$10.00   17-11/32   163   \$6,6551.00   17-11/32   163   \$6,853.50   194   \$10, \$10.00   17-11/32   163   \$6,135.50   169   \$7,023.50   194   \$10, \$10.00   17-11/32   163   \$6,135.50   169   \$7,023.50   194   \$10, \$10.00   17-11/32   163   \$6,135.50   169   \$7,023.50   194   \$10, \$10.00   17-11/32   163   \$6,135.50   169   \$7,023.50   194   \$10, \$10.00   17-11/32   163   \$6,135.50   169   \$7,023.50   194   \$10, \$10.00   17-11/32   163   \$6,135.50   169   \$7,023.50   194   \$10, \$10.00   17-11/32   163   \$6,135.50   17-11/32   163   \$6,135.50   17-11/32   163   \$6,135.50   17-11/32   163   \$6,135.50   17-11/32   163   \$6,135.50   17-11/32   163   \$6,135.50   17-11/32   163   \$6,135.50   17-11/32   163   \$6,135.50   17-11/32   163   \$6,135.50   17-11/32   17-11/3							-												\$10,967.00
EC1032-10   10061W   10065W   1   10   32   1   1   16-7/8   117   \$5,804.00   17-11/32   162   \$6,551.00   172   \$7,328.00   197   \$11,							_			-									\$10,460.00
						_				-									\$10,630.00
1/2   EC1016-15   10050W   10054W   1   15   16   1/2   1/2   16-7/8   114   \$5,389.50   17-11/32   159   \$6,136.50   169   \$7,023.50   194   \$10, EC1003-20   10039W   10043W   1   20   9   1/4   1/4   16-7/8   118   \$5,389.50   17-11/32   163   \$6,136.50   173   \$7,140.00   198   \$10, EC1016-20   10039W   10043W   1   20   9   1/4   1/4   16-7/8   118   \$5,366.00   17-11/32   163   \$6,133.00   173   \$7,140.00   198   \$10, EC1016-20   10051W   10055W   1   20   16   1/2   1/2   16-7/8   118   \$5,566.00   17-11/32   163   \$6,133.00   173   \$7,310.00   198   \$10, EC1032-20   10063W   10067W   1   20   32   1   1   16-7/8   118   \$5,566.00   17-11/32   170   \$6,904.00   188   \$7,901.00   205   \$11, EC2008-10   10073W   10077W   2   10   8   1/2   1/2   18-1/4   120   \$5,520.00   18-11/16   163   \$6,627.00   175   \$7,044.00   200   \$10, EC2016-10   10101W   10105W   1   10   12   1   1   16-7/8   118   \$5,658.00   17-11/32   163   \$6,067.00   175   \$7,044.00   200   \$10, EC2016-10   10101W   10105W   1   10   16   1   1   16-7/8   118   \$5,658.00   17-11/32   163   \$6,067.00   175   \$7,044.00   200   \$10, EC2016-10   10101W   10105W   1   10   16   1   1   16-7/8   118   \$5,658.00   17-11/32   163   \$6,067.00   175   \$7,044.00   200   \$10, EC2016-10   10101W   10105W   1   10   16   1   1   16-7/8   118   \$5,658.00   17-11/32   163   \$6,067.00   175   \$7,044.00   200   \$10, EC2016-10   10101W   10105W   1   10   16   1   1   16-7/8   121   \$5,804.00   17-11/32   163   \$6,065.00   176   \$7,328.00   201   \$11, EC203-10   N/A   N/A   1   10   48   N/A   3   23   310   \$9,327.00   21-9/16   355   \$10,074.00   365   \$10,851.00   390   \$14, EC2048-10   N/A   N/A   1   10   48   N/A   3   23   310   \$1,366.00   21-9/16   355   \$12,115.00   365   \$12,892.00   390   \$16, EC20048-10   N/A   N/A   1   15   16   1   1   16-7/8   125   \$5,821.50   18-11/16   170   \$6,568.50   180   \$7,455.50   205   \$11, EC2016-15   10102W   10106W   1   15   16   1   1   16-7/8   123   \$5,863.00   17-11/32   168   \$6,610.00   178   \$7,497.00										_									\$11,221.00
EC1032-15   10062W   10066W   1   15   32   1   1   16-7/8   121   \$5,980.50   17-11/32   166   \$6,727.50   176   \$7,614.50   201   \$11,										_									\$10,636.50
EC1009-20 10039W 10043W 1 20 9 1/4 1/4 16-7/8 118 \$5,396.00 17-11/32 163 \$6,143.00 173 \$7,140.00 198 \$10, EC1016-20 10051W 10055W 1 20 16 1/2 1/2 16-7/8 118 \$5,566.00 17-11/32 163 \$6,313.00 173 \$7,310.00 198 \$10, EC1032-20 10063W 10067W 1 20 32 1 1 1 16-7/8 125 \$6,157.00 17-11/32 170 \$6,6904.00 188 \$7,901.00 205 \$11, EC2004-10 N/A N/A 2 10 4 1/4 1/4 18-1/4 114 \$5,520.00 18-11/16 163 \$6,267.00 175 \$7,044.00 200 \$10, EC2012-10 10085W 10077W 2 10 8 1/2 1/2 18-1/4 120 \$5,520.00 18-11/16 163 \$6,267.00 175 \$7,044.00 200 \$10, EC2012-10 10085W 10089W 1 10 12 1 1 16-7/8 118 \$5,658.00 17-11/32 163 \$6,405.00 175 \$7,044.00 200 \$10, EC2012-10 10085W 10089W 1 10 12 1 1 16-7/8 118 \$5,658.00 17-11/32 163 \$6,405.00 173 \$7,182.00 198 \$11, EC2016-10 10101W 10105W 1 10 16 1 1 16-7/8 118 \$5,658.00 17-11/32 163 \$6,405.00 173 \$7,182.00 198 \$11, EC2032-10 N/A N/A 1 10 32 N/A 2 23 310 \$9,327.00 21-9/16 355 \$10,074.00 365 \$10,851.00 390 \$16, EC2048-10 N/A N/A 1 10 48 N/A 3 23 310 \$11,368.00 21-9/16 355 \$10,074.00 365 \$12,892.00 390 \$16, EC2004-15 N/A N/A 2 15 4 1/4 1/4 18-1/4 123 \$5,821.50 18-11/16 170 \$6,568.50 180 \$7,455.50 205 \$11, EC2012-15 10086W 10090W 1 15 12 1 1 16-7/8 123 \$5,821.50 18-11/16 170 \$6,568.50 180 \$7,455.50 205 \$11, EC2012-15 10086W 10090W 1 15 16 1 1 16-7/8 126 \$6,009.00 17-11/32 168 \$6,610.00 178 \$7,455.50 205 \$11, EC2024-15 N/A N/A 1 15 32 N/A 2 23 319 \$1,657.00 21-9/16 364 \$10,363.00 374 \$11,250.00 399 \$15, EC2024-15 N/A N/A 1 15 32 N/A 2 23 319 \$1,657.00 21-9/16 364 \$10,363.00 374 \$11,250.00 399 \$15, EC2024-15 N/A N/A 1 15 32 N/A 2 23 319 \$1,657.00 18-11/16 181 \$6,870.00 185 \$7,867.00 216 \$11, EC2026-20 N/A N/A N/A 1 15 48 N/A 3 23 319 \$11,657.00 18-11/16 181 \$6,870.00 185 \$7,867.00 216 \$11, EC2024-20 N/A N/A N/A 1 20 12 1 1 16-7/8 128 \$6,068.00 17-11/32 175 \$6,6870.00 185 \$7,867.00 216 \$11, EC2024-20 N/A N/A N/A 1 20 48 N/A 3 23 319 \$1,668.00 17-11/32 176 \$6,961.00 185 \$7,867.00 208 \$11, EC2026-20 N/A N/A N/A 1 20 48 N/A 3 23 328 \$1,905.00 21-9/16 373 \$10,652.00 383 \$11,649.00 408 \$15, EC2048-20 N/A N/A N/A 1						_				_									\$10,806.50
EC1016-20 10051W 10055W 1 20 16 1/2 1/2 16-7/8 118 \$5,566.00 17-11/32 163 \$6,313.00 173 \$7,310.00 198 \$10, EC1032-20 10063W 10067W 1 20 32 1 1 1 16-7/8 125 \$6,157.00 17-11/32 170 \$6,904.00 188 \$7,901.00 205 \$11, EC2004-10 N/A N/A 2 10 4 1/4 1/4 18-1/4 120 \$5,520.00 18-11/16 163 \$6,267.00 175 \$7,044.00 200 \$10, EC2012-10 10085W 10089W 1 10 12 1 1 16-7/8 118 \$5,565.00 17-11/32 163 \$6,405.00 175 \$7,044.00 200 \$10, EC2012-10 10085W 10089W 1 10 12 1 1 16-7/8 118 \$5,565.00 17-11/32 163 \$6,405.00 173 \$7,182.00 198 \$11, EC2016-10 10101W 10105W 1 10 16 1 1 16-7/8 121 \$5,804.00 17-11/32 166 \$6,551.00 176 \$7,328.00 201 \$11, EC2048-10 N/A N/A 1 10 32 N/A 2 23 310 \$9,327.00 21-9/16 355 \$10,074.00 365 \$10,851.00 390 \$14, EC2048-10 N/A N/A 1 10 48 N/A 3 23 310 \$11,368.00 21-9/16 355 \$10,1074.00 365 \$12,892.00 390 \$16, EC2008-15 N/A N/A 1 10 48 N/A 3 23 310 \$11,368.00 21-9/16 355 \$10,1074.00 365 \$12,892.00 390 \$16, EC2048-15 N/A N/A 1 10 57 N/A N/A 1 10 16 1 1 16-7/8 123 \$5,821.50 18-11/16 170 \$6,568.50 180 \$7,455.50 205 \$11, EC2016-15 10102W 10106W 1 15 16 1 1 16-7/8 123 \$5,863.00 17-11/32 168 \$6,610.00 178 \$7,497.00 203 \$11, EC2018-15 N/A N/A 1 15 48 N/A 3 23 319 \$11,657.00 21-9/16 364 \$10,363.00 374 \$11,250.00 399 \$15, EC2048-15 N/A N/A 1 15 48 N/A 3 23 319 \$11,657.00 21-9/16 364 \$10,363.00 374 \$11,250.00 399 \$15, EC204-20 N/A N/A N/A 1 15 48 N/A 3 23 319 \$11,657.00 21-9/16 364 \$10,363.00 374 \$11,250.00 399 \$15, EC204-20 N/A N/A N/A 1 15 48 N/A 3 23 319 \$11,657.00 21-9/16 364 \$10,363.00 374 \$11,250.00 399 \$15, EC204-20 N/A N/A N/A 1 20 12 1 1 16-7/8 128 \$6,068.00 17-11/32 173 \$6,815.00 185 \$7,867.00 210 \$11, EC2016-20 10037W 1007W 1 20 16 1 1 16-7/8 128 \$6,068.00 17-11/32 173 \$6,815.00 183 \$7,812.00 208 \$11, EC2016-20 10037W 1007W 1 20 16 1 1 16-7/8 128 \$6,068.00 17-11/32 176 \$6,961.00 185 \$7,867.00 210 \$11, EC2016-20 10037W 1007W 1 20 16 1 1 16-7/8 128 \$6,068.00 17-11/32 176 \$6,961.00 185 \$7,867.00 210 \$11, EC2016-20 1003W 10107W 1 20 16 1 1 16-7/8 128 \$9,905.00 21-9/16 373 \$10,652.00 383 \$11,649.00 408 \$15, EC2048-20 N/A						_													\$11,397.50
EC1032-20 10063W 10067W 1 20 32 1 1 1 16-7/8 125 \$6,157.00 17-11/32 170 \$6,904.00 188 \$7,901.00 205 \$11,						_				_									\$10,813.00
EC2008-10 N/A N/A 2 10 4 1/4 1/4 18-1/4 114 \$5,520.00 18-11/16 163 \$6,267.00 175 \$7,044.00 198 \$10, EC2008-10 10073W 10077W 2 10 8 1/2 1/2 18-1/4 120 \$5,520.00 18-11/16 165 \$6,267.00 175 \$7,044.00 200 \$10, EC2012-10 10085W 10089W 1 10 12 1 1 16-7/8 118 \$5,658.00 17-11/32 163 \$6,405.00 173 \$7,182.00 198 \$11, EC2016-10 10101W 10105W 1 10 16 1 1 16-7/8 121 \$5,804.00 17-11/32 166 \$6,551.00 176 \$7,328.00 201 \$11, EC2032-10 N/A N/A 1 10 32 N/A 2 23 310 \$9,327.00 21-9/16 355 \$10,074.00 365 \$10,851.00 390 \$16, EC2048-10 N/A N/A 1 10 48 N/A 3 23 310 \$11,368.00 21-9/16 355 \$12,115.00 365 \$12,892.00 390 \$16, EC2004-15 N/A N/A 1 10 48 N/A 3 23 310 \$11,368.00 21-9/16 355 \$12,115.00 365 \$12,892.00 390 \$16, EC2004-15 N/A N/A 2 15 4 1/4 1/4 18-1/4 123 \$5,821.50 18-11/16 170 \$6,568.50 180 \$7,455.50 205 \$11, EC2032-15 10074W 10078W 2 15 8 1/2 1/2 18-1/4 125 \$5,821.50 18-11/16 170 \$6,568.50 180 \$7,455.50 205 \$11, EC2032-15 N/A N/A 1 15 32 N/A 2 23 319 \$9,616.00 21-9/16 364 \$10,363.00 374 \$11,250.00 399 \$15, EC2048-15 N/A N/A 1 15 48 N/A 3 23 319 \$9,616.00 21-9/16 364 \$10,363.00 374 \$11,250.00 399 \$15, EC2004-20 N/A N/A 2 20 4 1/4 1/4 1/4 18-1/4 132 \$6,123.00 18-11/16 175 \$6,756.00 181 \$7,643.00 206 \$11, EC2002-20 10075W 10079W 2 20 8 1/2 1/2 18-1/4 130 \$6,123.00 18-11/16 175 \$6,870.00 185 \$7,867.00 216 \$11, EC2012-20 10075W 10079W 2 20 8 1/2 1/2 18-1/4 130 \$6,123.00 18-11/16 175 \$6,870.00 185 \$7,867.00 210 \$11, EC2012-20 10075W 10079W 2 20 8 1/2 1/2 18-1/4 130 \$6,123.00 18-11/16 175 \$6,870.00 185 \$7,867.00 210 \$11, EC2012-20 10075W 10079W 2 20 8 1/2 1/2 18-1/4 130 \$6,123.00 17-11/32 173 \$6,815.00 185 \$7,867.00 210 \$11, EC2032-20 N/A N/A N/A 1 20 12 1 1 16-7/8 131 \$6,000 17-11/32 173 \$6,815.00 185 \$7,867.00 210 \$11, EC2032-20 N/A N/A N/A 1 20 16 1 1 16-7/8 131 \$6,000 17-11/32 173 \$6,815.00 185 \$7,867.00 210 \$11, EC2032-20 N/A N/A N/A 1 20 16 1 1 16-7/8 131 \$6,000 17-11/32 173 \$6,815.00 185 \$7,867.00 210 \$11, EC2032-20 N/A N/A N/A 1 20 18 N/A 3 23 328 \$1,000 21-9/16 373 \$12,693.00 383 \$13,690.00 408 \$17, EC2048-20 N/A N/A N/A 1 20						_		_		_								-	\$10,983.00
EC2008-10   10073W   10077W   2   10   8   1/2   1/2   18-1/4   120   \$5,520.00   18-11/16   165   \$6,267.00   175   \$7,044.00   200   \$10,0000   \$10,000   \$10,000   \$10,0000   \$10,0000   \$10,0000   \$10,0000   \$10,0000   \$10										_									\$11,574.00
EC2012-10   10085W   10089W   1   10   12   1   1   16-7/8   118   \$5,658.00   17-11/32   163   \$6,405.00   173   \$7,182.00   198   \$11, EC2016-10   10101W   10105W   1   10   16   1   1   16-7/8   121   \$5,804.00   17-11/32   166   \$6,551.00   176   \$7,328.00   201   \$11, EC2032-10   N/A   N/A   N/A   1   10   32   N/A   2   23   310   \$9,327.00   21-9/16   355   \$10,074.00   365   \$10,851.00   390   \$14, EC2048-10   N/A   N/A   N/A   1   10   48   N/A   3   23   310   \$11,368.00   21-9/16   355   \$12,115.00   365   \$12,892.00   390   \$16, EC2048-15   N/A   N/A   2   15   4   1/4   1/4   18-1/4   123   \$5,821.50   18-11/16   170   \$6,568.50   180   \$7,455.50   205   \$11, EC2012-15   10086W   10090W   1   15   12   1   1   16-7/8   123   \$5,863.00   17-11/32   168   \$6,610.00   178   \$7,497.00   203   \$11, EC2016-15   10102W   10106W   1   15   16   1   1   16-7/8   126   \$6,009.00   17-11/32   171   \$6,756.00   181   \$7,643.00   206   \$11, EC2048-15   N/A   N/A   1   15   48   N/A   3   23   319   \$1,657.00   21-9/16   364   \$12,404.00   374   \$11,250.00   399   \$17, EC2048-20   N/A   N/A   2   20   4   1/4   1/4   18-1/4   132   \$6,123.00   18-11/16   175   \$6,870.00   185   \$7,867.00   216   \$11, EC2012-20   10087W   10091W   1   20   12   1   1   16-7/8   128   \$6,068.00   17-11/32   173   \$6,815.00   185   \$7,867.00   210   \$11, EC2012-20   10087W   10091W   1   20   12   1   1   16-7/8   128   \$6,068.00   17-11/32   173   \$6,815.00   185   \$7,867.00   210   \$11, EC2016-20   10103W   10107W   1   20   16   1   1   16-7/8   128   \$6,068.00   17-11/32   176   \$6,961.00   186   \$7,958.00   211   \$11, EC2012-20   N/A   N/A   1   20   32   N/A   2   23   328   \$9,905.00   21-9/16   373   \$12,693.00   383   \$11,649.00   408   \$15, EC2048-20   N/A   N/A   1   20   48   N/A   3   23   328   \$11,946.00   21-9/16   373   \$12,693.00   383   \$13,690.00   408   \$17, EC2048-20   N/A   N/A   1   20   48   N/A   3   23   328   \$11,946.00   21-9/16   373   \$12,693.00   383   \$13,690.00   408   \$17, EC2048-20   N/A   N/A					_		-												\$10,937.00
EC2016-10																			\$10,937.00
EC2032-10							-			-									\$11,075.00
EC2048-10																			\$11,221.00
EC2004-15 N/A N/A 2 15 4 1/4 1/4 18-1/4 123 \$5,821.50 18-11/16 170 \$6,568.50 180 \$7,455.50 205 \$11,   EC2008-15 10074W 10078W 2 15 8 1/2 1/2 18-1/4 125 \$5,821.50 18-11/16 170 \$6,568.50 180 \$7,455.50 205 \$11,   EC2012-15 10086W 10090W 1 15 12 1 1 16-7/8 123 \$5,863.00 17-11/32 168 \$6,610.00 178 \$7,497.00 203 \$11,   EC2016-15 10102W 10106W 1 15 16 1 1 16-7/8 126 \$6,009.00 17-11/32 171 \$6,756.00 181 \$7,643.00 206 \$11,   EC2032-15 N/A N/A 1 15 32 N/A 2 23 319 \$9,616.00 21-9/16 364 \$10,363.00 374 \$11,250.00 399 \$15,   EC2048-15 N/A N/A 1 15 48 N/A 3 23 319 \$11,657.00 21-9/16 364 \$12,404.00 374 \$13,291.00 399 \$15,   EC2004-20 N/A N/A 2 20 4 1/4 1/4 18-1/4 132 \$6,123.00 18-11/16 181 \$6,870.00 185 \$7,867.00 216 \$11,   EC2012-20 10087W 10079W 2 20 8 1/2 1/2 18-1/4 130 \$6,123.00 18-11/16 175 \$6,870.00 185 \$7,867.00 210 \$11,   EC2016-20 10103W 10107W 1 20 16 1 1 16-7/8 128 \$6,068.00 17-11/32 173 \$6,815.00 185 \$7,958.00 211 \$11,   EC2032-20 N/A N/A N/A 1 20 32 N/A 2 23 328 \$9,905.00 21-9/16 373 \$10,652.00 383 \$11,649.00 408 \$15,   EC2048-20 N/A N/A N/A 1 20 48 N/A 3 23 328 \$11,946.00 21-9/16 373 \$12,693.00 383 \$13,690.00 408 \$17,   EC2048-20 N/A N/A 1 20 48 N/A 3 23 328 \$11,946.00 21-9/16 373 \$12,693.00 383 \$13,690.00 408 \$17,   EC2048-20 N/A N/A 1 20 48 N/A 3 23 328 \$11,946.00 21-9/16 373 \$12,693.00 383 \$13,690.00 408 \$17,   EC2048-20 N/A N/A 1 20 48 N/A 3 23 328 \$11,946.00 21-9/16 373 \$12,693.00 383 \$13,690.00 408 \$17,   EC2048-20 N/A N/A 1 20 48 N/A 3 23 328 \$11,946.00 21-9/16 373 \$12,693.00 383 \$13,690.00 408 \$17,   EC2048-20 N/A N/A 1 20 48 N/A 3 23 328 \$11,946.00 21-9/16 373 \$12,693.00 383 \$13,690.00 408 \$17,   EC2048-20 N/A N/A 1 20 48 N/A 3 23 328 \$11,946.00 21-9/16 373 \$12,693.00 383 \$13,690.00 408 \$17,   EC2048-20 N/A N/A 1 20 48 N/A 3 23 328 \$11,946.00 21-9/16 373 \$12,693.00 383 \$13,690.00 408 \$17,   EC2048-20 N/A N/A 1 20 48 N/A 3 23 328 \$11,946.00 21-9/16 373 \$12,693.00 383 \$13,690.00 408 \$17,   EC2048-20 N/A N/A 1 20 48 N/A 3 23 328 \$11,946.00 21-9/16 373 \$12,693.00 383 \$13,690.00 408 \$17,   EC2048-20 N/A N/A				-															\$14,744.00
EC2008-15 10074W 10078W 2 15 8 1/2 1/2 18-1/4 125 \$5,821.50 18-11/16 170 \$6,568.50 180 \$7,455.50 205 \$11,																			\$16,785.00
EC2012-15 10086W 10090W 1 15 12 1 1 16-7/8 123 \$5,863.00 17-11/32 168 \$6,610.00 178 \$7,497.00 203 \$11,										-									\$11,238.50
EC2016-15 10102W 10106W 1 15 16 1 1 16-7/8 126 \$6,009.00 17-11/32 171 \$6,756.00 181 \$7,643.00 206 \$11, EC2032-15 N/A N/A 1 15 32 N/A 2 23 319 \$9,616.00 21-9/16 364 \$10,363.00 374 \$11,250.00 399 \$15, EC2048-15 N/A N/A 1 15 48 N/A 3 23 319 \$11,657.00 21-9/16 364 \$12,404.00 374 \$13,291.00 399 \$17, EC2004-20 N/A N/A 2 20 4 1/4 1/4 18-1/4 132 \$6,123.00 18-11/16 181 \$6,870.00 185 \$7,867.00 216 \$11, EC2008-20 10075W 10079W 2 20 8 1/2 1/2 18-1/4 130 \$6,123.00 18-11/16 175 \$6,870.00 185 \$7,867.00 210 \$11, EC2012-20 10087W 10091W 1 20 12 1 1 16-7/8 128 \$6,068.00 17-11/32 173 \$6,815.00 183 \$7,812.00 208 \$11, EC2016-20 10103W 10107W 1 20 16 1 1 16-7/8 131 \$6,214.00 17-11/32 176 \$6,961.00 186 \$7,958.00 211 \$11, EC2032-20 N/A N/A 1 20 32 N/A 2 23 328 \$9,905.00 21-9/16 373 \$10,652.00 383 \$11,649.00 408 \$15, EC2048-20 N/A N/A 1 20 48 N/A 3 23 328 \$11,946.00 21-9/16 373 \$12,693.00 383 \$13,690.00 408 \$17, Inches 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0										-			-						\$11,238.50
EC2032-15 N/A N/A 1 15 32 N/A 2 23 319 \$9,616.00 21-9/16 364 \$10,363.00 374 \$11,250.00 399 \$15, EC2048-15 N/A N/A 1 15 48 N/A 3 23 319 \$11,657.00 21-9/16 364 \$12,404.00 374 \$13,291.00 399 \$17, EC2004-20 N/A N/A 2 20 4 1/4 1/4 18-1/4 132 \$6,123.00 18-11/16 181 \$6,870.00 185 \$7,867.00 216 \$11, EC2008-20 10075W 10079W 2 20 8 1/2 1/2 18-1/4 130 \$6,123.00 18-11/16 175 \$6,870.00 185 \$7,867.00 210 \$11, EC2012-20 10087W 10091W 1 20 12 1 1 1 16-7/8 128 \$6,068.00 17-11/32 173 \$6,815.00 183 \$7,812.00 208 \$11, EC2016-20 10103W 10107W 1 20 16 1 1 16-7/8 131 \$6,214.00 17-11/32 176 \$6,961.00 186 \$7,958.00 211 \$11, EC2032-20 N/A N/A 1 20 32 N/A 2 23 328 \$9,905.00 21-9/16 373 \$10,652.00 383 \$11,649.00 408 \$15, EC2048-20 N/A N/A 1 20 48 N/A 3 23 328 \$11,946.00 21-9/16 373 \$12,693.00 383 \$13,690.00 408 \$17, EC2048-20 N/A N/A 1 20 48 N/A 3 23 328 \$11,946.00 21-9/16 373 \$12,693.00 383 \$13,690.00 408 \$17, EC2048-20 N/A N/A 1 20 48 N/A 3 23 328 \$11,946.00 21-9/16 373 \$12,693.00 383 \$13,690.00 408 \$17, EC2048-20 N/A N/A 1 20 48 N/A 3 23 328 \$11,946.00 21-9/16 373 \$12,693.00 383 \$13,690.00 408 \$17, EC2048-20 N/A N/A 1 20 48 N/A 3 23 328 \$11,946.00 21-9/16 373 \$12,693.00 383 \$13,690.00 408 \$17, EC2048-20 N/A N/A 1 20 48 N/A 3 23 328 \$11,946.00 21-9/16 373 \$12,693.00 383 \$13,690.00 408 \$17, EC2048-20 N/A N/A 1 20 48 N/A 3 23 328 \$11,946.00 21-9/16 373 \$12,693.00 383 \$13,690.00 408 \$17, EC2048-20 N/A N/A 1 20 48 N/A 3 23 328 \$11,946.00 21-9/16 373 \$12,693.00 383 \$13,690.00 408 \$17, EC2048-20 N/A N/A 1 20 48 N/A 3 23 328 \$11,946.00 21-9/16 373 \$12,693.00 383 \$13,690.00 408 \$17, EC2048-20 N/A N/A 1 20 48 N/A 3 23 328 \$11,946.00 21-9/16 373 \$12,693.00 383 \$13,690.00 408 \$17, EC2048-20 N/A N/A 1 20 48 N/A 3 23 328 \$11,946.00 21-9/16 373 \$12,693.00 383 \$13,690.00 408 \$17, EC2048-20 N/A N/A 1 20 48 N/A 3 23 328 \$11,946.00 21-9/16 373 \$12,693.00 383 \$13,690.00 408 \$17, EC2048-20 N/A N/A 1 20 48 N/A 3 23 328 \$11,946.00 21-9/16 373 \$12,693.00 383 \$13,690.00 408 \$17, EC2048-20 N/A N/A 1 20 48 N/A 3 23 328 \$11,946.00 \$12-9/16 373 \$12,693.00 383 \$13,							_			-									\$11,280.00
EC2048-15 N/A N/A 1 15 48 N/A 3 23 319 \$11,657.00 21-9/16 364 \$12,404.00 374 \$13,291.00 399 \$17, EC2004-20 N/A N/A 2 20 4 1/4 1/4 18-1/4 132 \$6,123.00 18-11/16 181 \$6,870.00 185 \$7,867.00 216 \$11, EC2008-20 10075W 10079W 2 20 8 1/2 1/2 18-1/4 130 \$6,123.00 18-11/16 175 \$6,870.00 185 \$7,867.00 210 \$11, EC2012-20 10087W 10091W 1 20 12 1 1 1 16-7/8 128 \$6,068.00 17-11/32 173 \$6,815.00 183 \$7,812.00 208 \$11, EC2016-20 10103W 10107W 1 20 16 1 1 16-7/8 131 \$6,214.00 17-11/32 176 \$6,961.00 186 \$7,958.00 211 \$11, EC2032-20 N/A N/A 1 20 32 N/A 2 23 328 \$9,905.00 21-9/16 373 \$10,652.00 383 \$11,649.00 408 \$15, EC2048-20 N/A N/A 1 20 48 N/A 3 23 328 \$11,946.00 21-9/16 373 \$12,693.00 383 \$13,690.00 408 \$17, EC2048-20 N/A N/A 1 20 48 N/A 3 23 328 \$11,946.00 21-9/16 373 \$12,693.00 383 \$13,690.00 408 \$17, EC2048-20 N/A N/A 1 20 48 N/A 3 23 328 \$11,946.00 21-9/16 373 \$12,693.00 383 \$13,690.00 408 \$17, EC2048-20 N/A N/A 1 20 48 N/A 3 23 328 \$11,946.00 21-9/16 373 \$12,693.00 383 \$13,690.00 408 \$17, EC2048-20 N/A N/A 1 20 48 N/A 3 23 328 \$11,946.00 21-9/16 373 \$12,693.00 383 \$13,690.00 408 \$17, EC2048-20 N/A N/A 1 20 48 N/A 3 23 328 \$11,946.00 21-9/16 373 \$12,693.00 383 \$13,690.00 408 \$17, EC2048-20 N/A N/A 1 20 48 N/A 3 23 328 \$11,946.00 21-9/16 373 \$12,693.00 383 \$13,690.00 408 \$17, EC2048-20 N/A N/A 1 20 48 N/A 3 23 328 \$11,946.00 21-9/16 373 \$12,693.00 383 \$13,690.00 408 \$17, EC2048-20 N/A N/A 1 20 48 N/A 3 23 328 \$11,946.00 21-9/16 373 \$12,693.00 383 \$13,690.00 408 \$17, EC2048-20 N/A N/A 1 20 48 N/A 3 23 328 \$11,946.00 21-9/16 373 \$12,693.00 383 \$13,690.00 408 \$17, EC2048-20 N/A N/A 1 20 48 N/A 3 23 328 \$11,946.00 21-9/16 373 \$12,693.00 383 \$13,690.00 408 \$17, EC2048-20 N/A N/A 1 20 48 N/A 3 23 328 \$11,946.00 21-9/16 373 \$12,693.00 383 \$13,690.00 408 \$17, EC2048-20 N/A N/A 1 20 48 N/A 3 23 328 \$11,946.00 21-9/16 373 \$12,693.00 383 \$13,690.00 408 \$17, EC2048-20 N/A N/A 1 20 48 N/A 3 23 328 \$11,946.00 \$12-9/16 373 \$12,693.00 383 \$13,690.00 408 \$17, EC2048-20 N/A N/A 1 20 48 N/A 3 23 328 \$11,946.00 \$12-9/16 373 \$12,693.00 383 \$1							_			-									\$11,426.00
EC2004-20 N/A N/A 2 20 4 1/4 1/4 18-1/4 132 \$6,123.00 18-11/16 181 \$6,870.00 185 \$7,867.00 216 \$11,   EC2008-20 10075W 10079W 2 20 8 1/2 1/2 18-1/4 130 \$6,123.00 18-11/16 175 \$6,870.00 185 \$7,867.00 210 \$11,   EC2012-20 10087W 10091W 1 20 12 1 1 1 16-7/8 128 \$6,068.00 17-11/32 173 \$6,815.00 183 \$7,812.00 208 \$11,   EC2016-20 10103W 10107W 1 20 16 1 1 16-7/8 131 \$6,214.00 17-11/32 176 \$6,961.00 186 \$7,958.00 211 \$11,   EC2032-20 N/A N/A 1 20 32 N/A 2 23 328 \$9,905.00 21-9/16 373 \$10,652.00 383 \$11,649.00 408 \$15,   EC2048-20 N/A N/A 1 20 48 N/A 3 23 328 \$11,946.00 21-9/16 373 \$12,693.00 383 \$13,690.00 408 \$17,							_	_											\$15,033.00
EC2008-20 10075W 10079W 2 20 8 1/2 1/2 18-1/4 130 \$6,123.00 18-11/16 175 \$6,870.00 185 \$7,867.00 210 \$11, EC2012-20 10087W 10091W 1 20 12 1 1 1 16-7/8 128 \$6,068.00 17-11/32 173 \$6,815.00 183 \$7,812.00 208 \$11, EC2016-20 10103W 10107W 1 20 16 1 1 16-7/8 131 \$6,214.00 17-11/32 176 \$6,961.00 186 \$7,958.00 211 \$11, EC2032-20 N/A N/A 1 20 32 N/A 2 23 328 \$9,905.00 21-9/16 373 \$10,652.00 383 \$11,649.00 408 \$15, EC2048-20 N/A N/A 1 20 48 N/A 3 23 328 \$11,946.00 21-9/16 373 \$12,693.00 383 \$13,690.00 408 \$17,			-				_												\$17,074.00
EC2012-20 10087W 10091W 1 20 12 1 1 16-7/8 128 \$6,068.00 17-11/32 173 \$6,815.00 183 \$7,812.00 208 \$11,   EC2016-20 10103W 10107W 1 20 16 1 1 16-7/8 131 \$6,214.00 17-11/32 176 \$6,961.00 186 \$7,958.00 211 \$11,   EC2032-20 N/A N/A 1 20 32 N/A 2 23 328 \$9,905.00 21-9/16 373 \$10,652.00 383 \$11,649.00 408 \$15,   EC2048-20 N/A N/A 1 20 48 N/A 3 23 328 \$11,946.00 21-9/16 373 \$12,693.00 383 \$13,690.00 408 \$17,							_												\$11,540.00
EC2016-20 10103W 10107W 1 20 16 1 1 16-7/8 131 \$6,214.00 17-11/32 176 \$6,961.00 186 \$7,958.00 211 \$11, EC2032-20 N/A N/A 1 20 32 N/A 2 23 328 \$9,905.00 21-9/16 373 \$10,652.00 383 \$11,649.00 408 \$15, EC2048-20 N/A N/A 1 20 48 N/A 3 23 328 \$11,946.00 21-9/16 373 \$12,693.00 383 \$13,690.00 408 \$17,							_			-									\$11,540.00
EC2032-20 N/A N/A 1 20 32 N/A 2 23 328 \$9,905.00 21-9/16 373 \$10,652.00 383 \$11,649.00 408 \$15, EC2048-20 N/A N/A 1 20 48 N/A 3 23 328 \$11,946.00 21-9/16 373 \$12,693.00 383 \$13,690.00 408 \$17,						_	_												\$11,485.00
EC2048-20 N/A N/A 1 20 48 N/A 3 23 328 \$11,946.00 21-9/16 373 \$12,693.00 383 \$13,690.00 408 \$17,										-									\$11,631.00
				-		_													\$15,322.00
							_								-		-		\$17,363.00
						_			-										\$11,768.00
																			\$12,078.00
																			\$13,667.00
							_												\$14,611.00
																			\$12,126.50
																			\$12,436.50
EC4016-15 N/A 12002W 1 15 16 N/A 2 23 319 \$8,642.00 21-9/16 364 \$9,707.00 374 \$10,555.00 399 \$13,																			\$13,956.00
							_						-						\$14,900.00
						_				-									\$12,485.00
																			\$12,795.00
																			\$14,245.00
EC4024-20 N/A 12015W 1 20 24 N/A 3 23 334 \$9,875.00 21-9/16 379 \$10,940.00 389 \$11,898.00 414 \$15,	I	EC4024-20	N/A	12015W	1	20	24	N/A	3	23	334	\$9,875.00	21-9/16	379	\$10,940.00	389	\$11,898.00	414	\$15,189.00

 $\textbf{NOTE:} \ \mathsf{Push-button} \ \mathsf{drop} \ \mathsf{is} \ \mathsf{4'} \ \mathsf{less} \ \mathsf{than} \ \mathsf{Lift.} \ \mathsf{For} \ \mathsf{special} \ \mathsf{lifts}, \mathsf{see} \ \mathsf{page} \ \mathsf{26}$ 

Hoist are equipped with 15' power cords. ECMT models – power cord not included (optional – specify if needed).

 $<sup>^{\</sup>rm tt}$  Request CSA-compliant Hoist at the time of order, see page 18.



 $<sup>^{\</sup>scriptscriptstyle \dagger}$  Standard Dual Tread Wheels (I-Beam or WF-Beam) are 4" tread diameter.

 $<sup>\</sup>ensuremath{^\star}$  Specify Lug Suspension if Rigid Top Hook not desired.

<sup>\*\*</sup> Standard Trolley speeds are 35 & 75 FPM (Single-Speed). Optional speeds available, see page 28. Specify speed when ordering.

#### **COFFING** EC MODELS

									Hoist w	ith Top I	look Only			Hoi	st with Tr	olley <sup>†</sup>		
Capacity	EC Model		3 Phase	f Chains	Standard Lift (Ft.)	I (FPM)	Moto	r HP		EC*			Plair	Trolley	Geare	d Trolley	Motorizo	ed Trolley**
(Tons)	Number**	Part Number	Part Number	Number of	andard	Lift Speed						Headroom (Inches)		ECT	E	CGT	EC	MT**
				2	Sta	3	1 Phase	3 Phase	Headroom (Inches)	Weight (Pounds)	User Price		Weight (Pounds)	User Price	Weight (Pounds)	User Price	Weight (Pounds)	User Price
	EC6005-10	11301W	11305W	3	10	5	1	1	23-1/4	180	\$8,771.00	22-25/32	240	\$10,129.00	250	\$11,256.00	275	\$15,613.00
	EC6010-10	N/A	12025W	2	10	10	N/A	2	27-3/8	345	\$9,820.00	26	405	\$11,178.00	415	\$12,305.00	440	\$16,662.00
	EC6016-10	N/A	12037W	2	10	16	N/A	3	27-3/8	360	\$10,738.00	26	420	\$12,096.00	430	\$13,223.00	455	\$17,580.00
	EC6005-15	11302W	11306W	3	15	5	1	1	23-1/4	189	\$9,283.00	22-25/32	249	\$10,641.00	259	\$11,878.00	284	\$16,125.00
3	EC6010-15	N/A	12026W	2	15	10	N/A	2	27-3/8	365	\$10,346.50	26	425	\$11,704.50	435	\$12,941.50	460	\$17,188.50
	EC6016-15	N/A	12038W	2	15	16	N/A	3	27-3/8	380	\$11,264.50	26	440	\$12,622.50	450	\$13,859.50	475	\$18,106.50
	EC6005-20+	11303W	11307W	3	20	5	1	1	23-1/4	198	\$10,053.00	22-25/32	258	\$11,411.00	268	\$12,758.00	293	\$16,895.00
	EC6010-20	N/A	12027W	2	20	10	N/A	2	27-3/8	385	\$10,873.00	26	445	\$12,231.00	455	\$13,578.00	480	\$17,715.00
	EC6016-20	N/A	12039W	2	20	16	N/A	3	27-3/8	400	\$11,791.00	26	460	\$13,149.00	470	\$14,496.00	495	\$18,633.00
	EC8008-10	N/A	12049W	2	10	8	N/A	2	27-3/8	350	\$13,353.00	25-5/16	520	\$15,230.00	530	\$16,074.00	560	\$21,341.00
	EC8012-10	N/A	12058W	2	10	12	N/A	3	27-3/8	365	\$13,626.00	25-5/16	535	\$15,503.00	545	\$16,347.00	575	\$21,614.00
4 ‡	EC8008-15	N/A	12050W	2	15	8	N/A	2	27-3/8	370	\$13,879.50	25-5/16	540	\$15,756.50	550	\$16,710.50	580	\$21,867.50
	EC8012-15	N/A	12059W	2	15	12	N/A	3	27-3/8	385	\$14,152.50	25-5/16	555	\$16,029.50	565	\$16,983.50	595	\$22,140.50
	EC8008-20	N/A	N/A	2	20	8	N/A	2	27-3/8	390	\$14,406.00	25-5/16	560	\$16,283.00	570	\$17,347.00	600	\$22,394.00
	EC8012-20	N/A	N/A	2	20	12	N/A	3	27-3/8	405	\$14,679.00	25-5/16	575	\$16,556.00	585	\$17,620.00	615	\$22,667.00
	EC10005-10	N/A	N/A	3	10	5	N/A	2	27-7/8	405	\$14,365.00	29-3/4	575	\$16,829.00	585	\$17,876.00	615	\$22,353.00
5 <sup>‡</sup>	EC10008-10	N/A	12067W	3	10	8	N/A	3	27-7/8	405	\$14,365.00	29-3/4	575	\$16,829.00	585	\$17,876.00	615	\$22,353.00
(lug mounted	EC10005-15	N/A	N/A	3	15	5	N/A	2	27-7/8	433	\$15,129.00	29-3/4	609	\$17,593.00	613	\$18,750.00	643	\$23,117.00
only)	EC10008-15	N/A	12068W	3	15	8	N/A	3	27-7/8	433	\$15,129.00	29-3/4	609	\$17,593.00	613	\$18,750.00	643	\$23,117.00
Omy)	EC10005-20+	N/A	N/A	3	20	5	N/A	2	27-7/8	461	\$16,151.00	29-3/4	631	\$18,615.00	641	\$19,882.00	671	\$24,139.00
	EC10008-20+	N/A	12217W	3	20	8	N/A	3	27-7/8	461	\$16,151.00	29-3/4	631	\$18,615.00	641	\$19,882.00	671	\$24,139.00

NOTE: Push-button drop is 4' less than Lift. For special lifts, see page 26.

Two-Speed Hoist (3:1) 3-phase only — add to Single-Speed Hoist price. 1/4 - 1 H.P. - \$1517.00 2 & 3 H.P. - \$1705.00

#### **COFFING** MT MODELS — MOTORIZED TROLLEYS

Fits Beam	Rated Capacity	Single-Speed User Price — MT Less Brake †	Two-Speed* User Price — MT Less Brake †
3.33" – 7.00" Flange Width	1/4 to 2 Ton	\$5,417.00	\$6,990.00
3.33" - 7.00" Flange Width	3 Ton	\$6,842.00	\$8,415.00
4.00" – 7.00" Flange Width (Straight Track)	4 & 5 Ton ‡	\$7,988.00	\$9,561.00

NOTE: Request CSA-compliant Trolleys at the time of order.

NOTE: Trolley equipped with 2-button station, 6' P.B. cable and clevis for hook mounting. Power cord not included (optional). Standard speeds are 35 & 75 FPM. Optional speeds available – see page 28. Dual tread wheels.



<sup>\*</sup> Specify Lug Suspension if Rigid Top Hook not desired.

<sup>\*\*</sup> Standard Trolley speeds are 35 & 75 FPM (Single-Speed). Optional speeds available, see page 28. Specify speed when ordering.

<sup>+</sup> Price includes adder for long lift limit switch.

<sup>†</sup> Standard Dual Tread Wheels (I-Beam or WF-Beam) are 4" tread diameter.

 $<sup>^{\</sup>ddagger}~4~\&~5\text{-Ton}$  models straight track only: Articulating models – P.O.A. Two-Speed Trolley – add \$1,517.00 to Single-Speed ECMT price.

**NOTE:** NEMA 4X stations – see page 27. 
<sup>11</sup> Request CSA-compliant Hoist at the time of order, see page 18.

<sup>†</sup> If brake is required, add \$1080.00.

 $<sup>\</sup>star$  Two-speed Trolley has 3:1 speed ratio – 3-phase only.

 $<sup>^{\</sup>ddagger}$  4 & 5 Ton models straight track only. Articulating models – P.O.A.

#### COFFING EC-V MODELS — VARIABLE SPEED

(12 TO 1 RATIO)

					Hoist with Top Hook Only					Hoist with Trolley <sup>†</sup>							
		Number	Standard	Maximum	Motor		Fork			Plair	Trolley	Geare	d Trolley	Motoriza	ed Trolley**		
Capacity (Tons)	Model Number	of Chains	Lift (Ft.)	Lift Speed (FPM)	HP 3 Phase		EC*		Headroom (Inches)	ECT		ECGT		ECMT**			
					i naoc	Headroom (Inches)	Weight (Pounds)	User Price	(iliciles)	Weight (Pounds)	User Price	Weight (Pounds)	User Price	Weight (Pounds)	User Price		
1/4	ECV0516-10	1	10	16	1/4	16-7/8	112	\$6,044.00	17-11/32	157	\$6,791.00	167	\$7,568.00	172	\$11,461.00		
1/4	ECV0532-10	1	10	32	1/2	16-7/8	118	\$6,083.00	17-11/32	163	\$6,830.00	173	\$7,607.00	198	\$11,500.00		
	ECV1009-10	1	10	9	1/4	16-7/8	116	\$6,560.00	17-11/32	161	\$7,307.00	171	\$8,084.00	196	\$11,977.00		
1/2	ECV1016-10	1	10	16	1/2	16-7/8	116	\$6,730.00	17-11/32	161	\$7,477.00	171	\$8,254.00	196	\$12,147.00		
	ECV1032-10	1	10	32	1	16-7/8	123	\$7,321.00	17-11/32	168	\$8,068.00	178	\$8,845.00	230	\$12,738.00		
	ECV2004-10	2	10	4	1/4	18-1/4	120	\$7,037.00	18-11/16	169	\$7,784.00	181	\$8,561.00	204	\$12,454.00		
	ECV2008-10	2	10	8	1/2	18-1/4	126	\$7,037.00	18-11/16	171	\$7,784.00	181	\$8,561.00	206	\$12,454.00		
1	ECV2012-10	1	10	12	1	16-7/8	124	\$7,175.00	17-11/32	169	\$7,922.00	179	\$8,699.00	204	\$12,592.00		
1	ECV2016-10	1	10	16	1	16-7/8	127	\$7,321.00	17-11/32	172	\$8,068.00	181	\$8,845.00	207	\$12,738.00		
	ECV2032-10	1	10	24	2	23	315	\$11,032.00	21-9/16	360	\$11,779.00	370	\$12,556.00	395	\$16,449.00		
	ECV2048-10	1	10	48	3	23	321	\$13,073.00	21-9/16	366	\$13,820.00	376	\$14,597.00	401	\$18,490.00		
	ECV4006-10	2	10	6	1	18-15/16	134	\$7,971.00	19-3/8	179	\$9,036.00	189	\$9,774.00	214	\$13,285.00		
2	ECV4008-10	2	10	8	1	18-15/16	138	\$8,281.00	19-3/8	183	\$9,346.00	193	\$10,084.00	218	\$13,595.00		
2	ECV4016-10	1	10	16	2	23	315	\$10,058.00	21-9/16	360	\$11,123.00	370	\$11,861.00	395	\$15,372.00		
	ECV4024-10	1	10	24	3	23	321	\$11,002.00	21-9/16	366	\$12,067.00	376	\$12,805.00	401	\$16,316.00		
	ECV6005-10	3	10	5	1	23-1/4	185	\$10,288.00	22-25/32	254	\$11,714.00	255	\$12,897.00	280	\$17,472.00		
3	ECV6010-10	2	10	10	2	27-3/8	350	\$11,525.00	26	410	\$12,951.00	420	\$14,134.00	445	\$18,709.00		
	ECV6016-10	2	10	16	3	27-3/8	365	\$12,443.00	26	425	\$13,869.00	435	\$15,052.00	460	\$19,627.00		
4	ECV8008-10	2	10	8	2	27-3/8	355	\$15,058.00	25-15/16	525	\$16,935.00	530	\$17,779.00	565	\$23,046.00		
4	ECV8012-10	2	10	12	3	27-3/8	370	\$15,331.00	25-15/16	535	\$17,208.00	550	\$18,052.00	580	\$23,319.00		
5 (lug	ECV10005-10	3	10	5	2	27-7/8	410	\$16,070.00	29-3/4	580	\$18,534.00	590	\$19,581.00	620	\$24,058.00		
mounted only)	ECV10008-10	3	10	8	3	27-7/8	410	\$16,070.00	29-3/4	580	\$18,534.00	590	\$19,581.00	620	\$24,058.00		

NOTE: Push-button stations are 2-step standard (3-step station optional)++
Hoists are factory set for 2-step infinitely variable operation. If other setting are required please note at the time of order.
VFD units are PE manufactured (Standard 24VAC). Contact factory for 115VAC (POA).
Push-button drop is 4' less than Lift. For special lifts, see page 28.

Hoists equipped with 15' power cords ECMT models – power cord not included (optional – specify if needed). Add \$283.00 for 3-Step Hoist Buttons. ECMT models: power cord not included (optional – specify if needed).

Adder for 2-Step Trolley VFD (3 Ton & under) \$1517.00.

Adder for 2-Step Trolley VFD (4 & 5 Ton) \$1705.00.

Add \$283.00 for 3-Step Trolley Buttons.

HOW TO SPECIFY ELECTRIC CHAIN MODEL NUMBERS - SEE PAGE 18.

ORDERING INFORMATION ELECTRIC CHAIN HOISTS - SEE PAGE 18.



<sup>†</sup> Standard Dual Tread Wheels (I-Beam or WF-Beam) are 4" tread diameter.

<sup>\*</sup> Specify Lug Suspension if Rigid Top Hook is not desired.

<sup>\*\*</sup> Standard Trolley speeds are 35 & 75 FPM Single-Speed. Optional speeds available, see page 28. Specify speed when ordering.

<sup>\*\*</sup> Price shown is for 2-Step Hoist VFD and 1-speed Trolley.

#### **COFFING** EXTENDED DUTY MODELS (DUTY CYCLE H4)

						Hoist with Lug Only			Hoist with Trolley								
Capacity	Model	Number of	Standard Lift	Lift Speed	Motor HP		ED			Plain Trolley EDT		Geared Trolley EDGT		Motorized Trolley EDMT			
(Tons)	Number <sup>†</sup>	Chains	(Ft.)	(FPM)	3 Phase	Headroom (Inches)	Weight (Pounds)	User Price	Headroom (Inches)	Weight (Pounds)	User Price	Wainht	User Price	Woight	User Price		
	ED0564-10	1	10	64	1	16-7/16	129	\$6,023.00	17-1/4	174	\$6,770.00	184	\$7,547.00	209	\$11,440.00		
1/4	ED0564-15	1	15	64	1	16-7/16	131	\$6,206.00	17-1/4	176	\$6,953.00	186	\$7,840.00	211	\$11,623.00		
	ED0564-20	1	20	64	1	16-7/16	138	\$6,388.00	17-1/4	183	\$7,135.00	193	\$8,132.00	218	\$11,805.00		
	ED1032-10	1	10	32	1	16-7/16	130	\$6,347.00	17-1/4	175	\$7,094.00	185	\$7,871.00	210	\$11,764.00		
1/2	ED1032-15	1	15	32	1	16-7/16	134	\$6,530.00	17-1/4	179	\$7,277.00	189	\$8,164.00	214	\$11,947.00		
	ED1032-20	1	20	32	1	16-7/16	138	\$6,709.00	17-1/4	183	\$7,456.00	193	\$8,453.00	218	\$12,126.00		
	ED2016-10	1	10	16	1	16-7/16	132	\$6,184.00	17-1/4	177	\$6,931.00	187	\$7,708.00	212	\$11,601.00		
1	ED2016-15	1	15	16	1	16-7/16	137	\$6,396.00	17-1/4	182	\$7,143.00	192	\$8,030.00	217	\$11,813.00		
	ED2016-20	1	20	16	1	16-7/16	142	\$6,610.00	17-1/4	187	\$7,357.00	197	\$8,354.00	222	\$12,027.00		
	ED4008-10	2	10	8	1	18-1/2	140	\$7,568.00	17-1/4	185	\$8,633.00	195	\$9,371.00	220	\$12,985.00		
2	ED4008-15	2	15	8	1	18-1/2	149	\$7,938.00	17-1/4	194	\$9,003.00	204	\$9,851.00	229	\$13,355.00		
	ED4008-20	2	20	8	1	18-1/2	158	\$8,311.00	17-1/4	203	\$9,376.00	213	\$10,334.00	238	\$13,728.00		

NOTE: Push-button drop is 4' less than Lift. For special lifts, see page 26.

Hoists are equipped with 15' power cords EDMT models – power cord not included (optional – specify if needed).

NOTE: These models DO NOT MEET CSA. Field Certification Required.

#### **COFFING** EC TURNOVER MODELS

Capacity	Model	Lift Stroke	Lift Speed	Motor HP		Lug Mounted Only					
(Tons)	Number	(Ft.)	(FPM)	3 Phase	Headroom (Inches)	Weight (Pounds)	User Price				
1/4	EC0516-*-TH	15	16	1/4	19-7/8	120	\$9,470.00				
1/2	EC1016-*-TH	15	16	1/2	19-7/8	126	\$10,320.00				
1	EC2016-*-TH	15	16	1	19-7/8	138	\$11,044.00				
2	EC4016-*-TH	15	16	2	29-5/32	325	\$23,904.00				
3	EC6008-*-TH	15	8	3	33	385	\$30,576.00				
4	EC8008-*-TH	15	8	3	33	390	\$35,256.00				

NOTE: Standard lift stroke is 15', 9' PB drop. For longer lift stroke – consult factory. These models DO NOT MEET CSA. Field certification required.



 $<sup>^{\</sup>scriptscriptstyle \dagger}$  Zinc plated chain and NEMA 3R pendant with external strain relief is standard.

<sup>\*</sup> Specify voltage required – see table on page 27.

#### WEATHER-RESISTANT NYLON COVER FOR EC MODELS

Capacity (Tons)	Product Code	Model Number	Used on Hoist Models	User Price
1/4	08719W	EC760-1	EC0516, EC0532, EC0564	\$224.00
1/2	08720W	EC760-2	EC1009, EC1016, EC1032	\$224.00
1	08721W	EC760-3	EC2004, EC2008, EC2012, EC2016	\$224.00
2	08722W	EC760-4	EC4006, EC4008	\$224.00
3	08776W EC760-5		EC6005	\$359.00
2	08733W	EC761-1	EC4016, EC4024 Hook Mounted	\$386.00
2	08734W	EC761-2	EC4016, EC4024 Lug Mounted	\$386.00
3	08735W	EC761-3	EC6010, EC6016 Hook Mounted	\$386.00
3	08736W	EC761-4	EC6010, EC6016 Lug Mounted	\$386.00
4	08738W	EC761-5	EC8008, EC8012 Lug Mounted	\$386.00
5	5 08739W EC761-6		EC10005, EC10008 Lug Mounted	\$386.00

#### SPECIAL LIFTS, P.B. DROPS, POWER CORDS & HAND CHAIN DROPS FOR EC MODELS

Price Per Extra Foot of Lift — Add to 10 Foot Lift Price	Numb	er of Chains	User Price				
EC0516, EC0532, EC0564, EC1009, EC1016, EC1032, ED0564, ED1032		1	\$25.00				
EC2004, EC2008		2	\$50.00				
EC2012, EC2016, ED2016							
EC4006, EC4008, ED4008		2	\$61.40				
EC2032, EC2048, EC4016, EC4024		1	\$47.50				
EC6005		3	\$92.10				
EC6010, EC6016, EC8008, EC8012 2							
EC10005, EC10008 3							
Long Lift Limit Switch (+ These models include Long Lift L.S. in price.)  Note: Long Lift Limit Switch required for lifts over 50' on single chain,  25' on double chain, and 16' on triple chain  (c) Triple chain 17' to 49'							
Price per extra foot of P.B. drop (Base Unit = 6')	'		\$10.30				
Price per extra foot of Power Cord (Base Unit = 15', except Motorized Trolley [optional])			\$10.30				
Price per extra foot of Hand Chain Drop for Geared Trolley (Base Unit = 2' less than lift)			\$22.00				
		1	\$7.35				
Zina Dlatad Chain - multiply price by amount of lift on Union all consolition		2	\$13.10				
Zinc Plated Chain – multiply price by amount of lift on Hoist, all capacities		3	\$20.25				
		4	\$27.55				
Zinc Plated Hook (top or bottom)			\$149.00				

#### **CHAIN CONTAINERS FOR EC MODELS**

Madal Nondon	D. J. J. O. J.	Ma	II Poiss		
Model Number	Product Code	1-Chain Single 2-Chain Double		3-Chain Triple	User Price
EC1 Models (1 Chain Single Models):EC (2 Chain Double Models): E (3 Chain Triple Models): EC	C2004, EC2008, I	C0564, EC1009, EC1016, E EC4006, EC4008	C1032, EC2012, EC2016		
(a) 927JG17 Polyolefin	08714W	20	10	N/A	\$144.00
(b) 927JG18 Polyolefin	08715W	25	12.5	N/A	\$149.00
(c) 927JG19 Polyolefin	08716W	35	17.5	12	\$171.00
(d) 927JG20 Polyolefin	08717W	50	25	17	\$182.00
(e) 927JG202A Metal	08748W	75	37	25	\$655.00
(f) 927JG203A Metal	08749W	100	50	33	\$682.00
(g) 927JG204A Metal	08727W	150	75	50	\$811.00
927JG15F Fabric	927JG15F	15	N/A	N/A	\$331.00
927JG40F Fabric	927JG40F	40	20	N/A	\$420.00
927JG70F Fabric	927JG70F	70	30	N/A	\$624.00
EC3 Models (1 Chain Single Models):EC (2 Chain Double Models): EC (3 Chain Triple Models): EC	C6010, EC6016, I 10005, EC10008	EC8008, EC8012			
(h) 927JG201 Metal	08730W	15	N/A	N/A	\$501.00
(i) 927JG202 Metal	08731W	30	15	10	\$537.00
(j) 927JG203 Metal	08732W	50	25	16.5	\$576.00
(k) 927JG204 Metal	08737W	75	37.5	25	\$795.00
(I) 927JG205 Metal	08728	100	50	33.3	\$748.00
(m) 927JG207 Metal	08729W	150	75	50	\$1,042.00
(n) 927JG208 Metal	08757	200	100	66.6	\$1,087.00
927JG213F Fabric	08780W	35	17	11	\$573.00
927JG214F Fabric	08781W	75	37	25	\$757.00

FOR ADDITIONAL EC OPTIONS & ACCESSORIES, SEE PAGES 27 & 28



#### YJL, EC, JLC, CT & MT MODEL ACCESSORIES

101, 10, 010, 01 a m1 m0511 A001000 m10	
<b>Push-button Stations</b> — For Trolley, Crane and Start-Stop Control. Standard directions are marked by nameplates; for special legends, consult factory. All stations below are <b>NEMA 4X</b> weather-resistant with interchangeable elements. <b>Specify functions required.</b>	User Price
2 Button Station, Single-Speed	\$218.00
4 Button Station, Single-Speed, or Momentary Start-Stop	\$418.00
6 Button Station, Single-Speed, or Momentary Start-Stop	\$700.00
8 Button Station, Single-Speed, or Momentary Start-Stop	\$975.00
Substitute Two-Speed / Step – Per Pair (required on NEMA 4X stations only)	\$263.00
Substitute Three Speed / Step - Per Pair (required on NEMA 4X stations only)	\$471.00
Substitute Maintained Start-Stop – Per Pair	\$456.00
External Chain Strain Relief on P.B. Cord	0400.00
Pendant Cord Strain Relief	\$100.00
Special Pendant Cord Lengths – Per Foot over 6'– Add standard Pendant Cord adder in addition to Strain Relief adder	\$10.30
Weather Resistant Products	\$10.30
Kellems Cord Grip – Each	\$163.00
'	
Outrigger Arm, Rigid (with CT or MT Trolley Suspension only) 3'  Petrostable Called Payer Cord., 25' reteats to 4' (2 or 4 and unter #14)	\$514.00
Retractable Coiled Power Cord – 25'-retracts to 4' (3 or 4 conductor # 14)	\$672.00
Collector Mounting Arm – 20" long, per arm	\$226.00
Insul-8 Collectors & Mountings (30 Amp.)	4400.00
Two Collectors, One Arm (single phase)	\$699.00
Three Collectors, One Arm (three phase)	\$869.00
Two Arm Arrangement – adder for Extra Arm	\$226.00
Special Motor Voltage	
200-208 Volt, 3 Phase, 60 Hz	N/C
575 Volt, 3 Phase, 60 Hz	N/C
220/380 Volt, 3 Phase 50 Hz	P.O.A.*
Additional Options	
MT Trolley Brake	\$1,080.00
Bronze Wheels for CT & MT Trolley (per wheel)	\$208.00
Rubber Bumpers – Plain and Geared Trolley	\$632.00
Rubber Bumpers – motorized Trolley	Standard
Auxiliary Contacts (N.O. or N.C.) – Each Contactor	\$106.00
Trolley Limit Switch – Lever type, customer to supply actuating bar	\$970.00
Special Color Paint - Air dry enamel: white, black, red, yellow, silver	\$575.00
Epoxy Paint (Contact factory for color options)	\$1,710.00
Magnaflux Inspection of Hook in house NDT Test – no documentation	\$202.00
Magnaflux Inspection of Hook per ASTM A275 spec's with documentation	\$632.00
115 Volt Control Circuit	N/C
Fused & Grounded Transformer (Secondary) – Per Transformer	\$33.00
Motor Thermostat – per motor	\$137.00
Controls for Tandem Operation – includes 3-Position Selector Switch	P.O.A.*
Stainless Steel Limit Switch Shaft	Standard
Zinc Plated Hook	\$147.00
Bullard Swivel Gate Hooks	
For all JLC Models (Bottom Hook) & EC Models up to and including EC4008 (Top or Bottom Hook)	\$315.00
For EC2032, EC2048, EC4016 (Top or Bottom Hook) & EC6005 (Bottom Hook Only)	\$796.00
For EC6016 to EC10008 (Top or Bottom Hook – Bottom Hook only on 5 Ton)	\$1,163.00
Shur-Loc Hooks®	
For JLC Models (Bottom Hook) & EC Models up to and including EC4008 (Top or Bottom Hook)	\$373.00
For EC2032, EC2048, EC4016, EC4024, EC6005, EC6010, EC6016, EC8008 & EC8012 (Bottom Hook Only)	\$613.00
Latchlok Hooks	
For JLC Models up to JLC2016 (1 ton capacity) - Bottom Hook Only	\$315.00
NOTE: Some accessories may require CSA Field Certification – Consult Factory.	

 $\textbf{NOTE:} \ \text{Some accessories may require CSA Field Certification} - \text{Consult Factory}.$ 



<sup>\*</sup> Price on Application.

#### **EC, JLC, CT & MT MODEL ACCESSORIES**

ion		User Price				
		\$10.30				
= Optional)		\$10.30				
se Unit = 2' less than lift)		\$21.80				
4-Wheel Trolley User Price	6-Wheel Trolley User Price	8-Wheel Trolley User Price				
\$302.00	\$452.00	\$605.00				
	•					
	·	N/A P.O.A.*				
P.U.A."						
- 3 Phase Only)	User Price	8-Wheel Trolley User Price				
		\$605.00				
	·	\$605.00 Standard				
		\$605.00				
	N/C	N/C				
	\$302.00	\$605.00				
	\$302.00	\$605.00				
ion		User Price				
n External Junction Box with	Terminal Strip (Trolley	\$194.00				
ures and additional wiring as I, request a certified print.	required). Auxiliary control end					
Mainline Contactor – Must order P.B. Station (pg. 31) with space for Start-Stop Buttons						
		\$854.00				
tation (pg. 31) with space for	r bridge Buttons					
		\$784.00				
		\$1,027.00				
		\$804.00				
		\$1,569.00				
ol Circuit)						
		\$1,900.00				
1		\$2,087.00				
or selector switch		\$1,027.00				
		\$1,208.00				
er NEMA 4 P.B. Station		See pages 24 & 27				
tor and additional Reversing	Contactors not included –	P.O.A.*				
		P.O.A.*				
o-Speed		P.O.A.*				
		P.O.A.*				
its Push-button Stations & (	Cord					
		\$133.00				
		\$253.00				
		\$191.00				
		\$191.00 \$286.00				
	_					
		\$286.00				
	= Optional) se Unit = 2' less than lift)  4-Wheel Trolley User Price \$302.00  \$1,311.00 P.O.A.*  - 3 Phase Only)  on In External Junction Box with ures and additional wiring as I, request a certified print.  ction, included in individual ace for Start-Stop Buttons  tation (pg. 31) with space for  old Circuit)  or selector switch  or NEMA 4 P.B. Station  ctor and additional Reversing	= Optional) se Unit = 2' less than lift)  4-Wheel Trolley User Price \$302.00  N/C if requested at time of order N/C if requested at time of or				

NOTE: 340° Pivot Base part number: 08005W.



SECTION CONTENTS:

CM LODESTAR
CM CLASSIC LODESTAR

LODESTAR®

## **CM** LODESTAR ELECTRIC CHAIN HOIST



		P	roduct Code			Hois			Weight				User Price		
	Capacity (Tons)		Hook Suspen hain Containe		Model	Hoist Lifting Speed (FPM)	Motor	Reeving	(Pou			Lug	Universal	Universal	Universal
		115-1-60	230/460 3-60	575-3-60	_	Speed		g	115-1-60	230/460 3-60	Hoist Only	Suspension	Plain Trolley <sup>†</sup>	Geared Trolley <sup>†</sup>	Motorized Trolley <sup>†</sup>
	1/8	2702NH	2705NH	9358NH	Α	32	1/2	1	54	60	\$3,310.00	\$3,621.00	\$3,923.00	\$4,191.00	\$8,367.00
	1/8	2712NH	2715NH	9376NH	AA	60	1/2	1	67	64	\$3,728.00	\$4,039.00	\$4,341.00	\$4,609.00	\$8,785.00
	1/4	2722NH	2725NH	9394NH	В	16	1/2	1	53	61	\$3,872.00	\$4,183.00	\$4,485.00	\$4,753.00	\$8,929.00
	1/4	2732NH	2735NH	9412NH	С	32	1/2	1	61	64	\$4,085.00	\$4,396.00	\$4,698.00	\$4,966.00	\$9,142.00
	1/2	2742NH	2745NH	9430NH	Е	8	1/2	2	71	69	\$4,252.00	\$4,677.00	\$4,979.00	\$5,247.00	\$9,423.00
	1/2	2752NH	2755NH	9448NH	F	16	1/2	1	61	65	\$4,454.00	\$4,765.00	\$5,067.00	\$5,335.00	\$9,511.00
	1/2	3512NH	3515NH	9206NH	J	32	1	1	110	110	\$4,917.00	\$5,282.00	\$5,673.00	\$5,931.00	\$10,121.00
Single-	1/2	-	3545NH	9220NH	JJ	64	2	1	_	117	\$7,128.00	\$7,493.00	\$7,884.00	\$8,142.00	\$12,332.00
Speed 10' Lift	1	2762NH	2765NH	9466NH	Н	8	1/2	2	72	73	\$4,676.00	\$5,101.00	\$5,403.00	\$5,671.00	\$9,847.00
Liit	1	3522NH	3525NH	9236NH	L	16	1	1	113	110	\$4,960.00	\$5,325.00	\$5,716.00	\$5,974.00	\$10,164.00
	1	-	3555NH	9250NH	LL	32	2	1	_	117	\$7,005.00	\$7,370.00	\$7,761.00	\$8,019.00	\$12,209.00
	2	-	3565S1		RRS	16	2	1	_	156	\$5,608.00	\$6,239.00	\$6,630.00	\$6,888.00	\$11,078.00
	2	3532NH	3535NH	9266NH	R	8	1	2	131	130	\$6,057.00	\$6,515.00	\$6,906.00	\$7,164.00	\$11,354.00
	2	-	3565NH	9280NH	RR	16	2	2	_	135	\$7,824.00	\$8,282.00	\$8,673.00	\$8,931.00	\$13,121.00
	3	9501NH	9505NH	9533NH	RT	5.5	1	3	158	158	\$7,050.00	\$7,548.00	\$8,333.00	\$8,567.00	\$12,870.00
	3	-	9508NH	9538NH	RRT	11	2	3	_	162	\$8,298.00	\$8,796.00	\$9,581.00	\$9,815.00	\$14,118.00
	1/8	3101NH	3103NH		Α	32	1/2	1	59	64	\$3,479.00	\$3,790.00	\$4,092.00	\$4,360.00	\$8,536.00
	1/8	3111NH	3113NH		AA	60	1/2	1	67	79	\$3.897.00	\$4,208.00	\$4.510.00	\$4,778.00	\$8,954.00
	1/4	3121NH	3123NH		В	16	1/2	1	61	64	\$4,041.00	\$4,352.00	\$4,654.00	\$4,922.00	\$9,098.00
	1/4	3131NH	3133NH		С	32	1/2	1	66	75	\$4,254.00	\$4,565.00	\$4,867.00	\$5,135.00	\$9,311.00
	1/2	3141NH	3143NH		E	8	1/2	2	70	80	\$4,538.50	\$4,971.50	\$5,273.50	\$5,541.50	\$9,717.50
	1/2	3151NH	3153NH		F	16	1/2	1	67	72	\$4,623.00	\$4,934.00	\$5,236.00	\$5,504.00	\$9,680.00
	1/2	4212NH	4214NH		J	32	1	1	118	115	\$5,122.00	\$5,495.00	\$5,886.00	\$6,144.00	\$10,334.00
Single-	1/2	-	4244NH		JJ	64	2	1	_	123	\$7,333.00	\$7,706.00	\$8,097.00	\$8,355.00	\$12,545.00
Speed 15'	1	3161NH	3163NH		Н	8	1/2	2	80	85	\$4,962.50	\$5,395.50	\$5,697.50	\$5,965.50	\$10,141.50
Lift	1	4222NH	4224NH		L	16	1	1	120	114	\$5,165.00	\$5,538.00	\$5,929.00	\$6,187.00	\$10,377.00
	1	-	4254NH		LL	32	2	1	_	122	\$7,210.00	\$7,583.00	\$7,974.00	\$8,232.00	\$12,422.00
	2	-	4264S1		RRS	16	2	1	_	164	\$5,821.25	\$6,452.25	\$6,843.25	\$7,101.25	\$11,291.25
	2	4232NH	4234NH		R	8	1	2	140	138	\$6,415.50	\$6,908.50	\$7,299.50	\$7,557.50	\$11,747.50
	2	-	4264NH		RR	16	2	2	_	144	\$8,182.50	\$8,675.50	\$9,066.50	\$9,324.50	\$13,514.50
	3	9502NH	9506NH		RT	5.5	1	3	174	171	\$7,562.00	\$8,191.00	\$8,976.00	\$9,210.00	\$13,513.00
	3	-	9509NH		RRT	11	2	3	_	176	\$8,810.00	\$9,439.00	\$10,224.00	\$10,458.00	\$14,761.00
	1/8	3102NH	3104NH		A	32	1/2	1	64	68	\$3,648.00	\$3,959.00	\$4,261.00	\$4,529.00	\$8,705.00
	1/8	3112NH	3114NH		AA	60	1/2	1	72	74	\$4,066.00	\$4,377.00	\$4,679.00	\$4,947.00	\$9,123.00
	1/4	3122NH	3124NH		В	16	1/2	1	64	72	\$4,210.00	\$4,521.00	\$4,823.00	\$5,091.00	\$9,267.00
	1/4	3132NH	3134NH		С	32	1/2	1	69	76	\$4,423.00	\$4,734.00	\$5,036.00	\$5,304.00	\$9,480.00
	1/2	3142NH	3144NH		E	8	1/2	2	80	88	\$4,825.00	\$5,264.00	\$5,566.00	\$5,834.00	\$10,010.00
	1/2	3152NH	3154NH		F	16	1/2	1	71	76	\$4,792.00	\$5,103.00	\$5,405.00	\$5,673.00	\$9,849.00
	1/2	4213NH	4215NH		J	32	1	1	124	124	\$5,327.00	\$5,706.00	\$6,097.00	\$6,355.00	\$10,545.00
Single-	1/2	-	4245NH		JJ	64	2	1	-	128	\$7,538.00	\$7,917.00	\$8,308.00	\$8,566.00	\$12,756.00
Speed 20'	1	3162NH	3164NH		H	8	1/2	2	86	90	\$5,249.00	\$5,688.00	\$5,990.00	\$6,258.00	\$10,434.00
Lift	1	4223NH	4225NH		L	16	1	1	124	119	\$5,370.00	\$5,749.00	\$6,140.00	\$6,398.00	\$10,588.00
	1	-	4255NH		LL	32	2	1	-	127	\$7,415.00	\$7,794.00	\$8,185.00	\$8,443.00	\$12,633.00
	2	_	4265S1		RRS	16	2	1	_	172	\$6,034.50	\$6,665.50	\$7,056.50	\$7,314.50	\$11,504.50
	2	4233NH	4235NH		R	8	1	2	148	148	\$6,774.00	\$7,274.00	\$7,665.00	\$7,923.00	\$12,113.00
	2		4265NH		RR	16	2	2	-	156	\$8,541.00	\$9,041.00	\$9,432.00	\$9,690.00	\$12,113.00
	3	9503NH	9507NH		RT	5.5	1	3	187	184	\$8,074.00	\$8,703.00	\$9,432.00	\$9,722.00	\$14,025.00
	3	93031111	9507NH 9510NH		RRT	11	2	3	107	194	\$9,322.00	\$9,951.00	\$10,736.00	\$10,970.00	\$15,273.00
	3		POIUNI		I MA	11	Z	3	_	194	37,322.00	37,731.00	\$10,730.00	\$10,770.00	\$13,273.00

NOTE: Fabric Chain Containers included on all models for up to 20' Lift.

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).

<sup>†</sup> For more information, Trolley adders/accessories or to order CM Universal Trolleys separately, see page 60.



#### **CM** LODESTAR ELECTRIC CHAIN HOIST



					_	_	_	_			_				
		Product Code		Product Code 영공 및 Weight		ight	User Price								
	Capacity (Tons)		Hook Suspens Chain Containe	er	Model	Hoist Lifting Speed (FPM)	Motor HP	Reeving		inds)	Hoist Only	Lug	Universal Plain	Universal Geared	Universal Motorized
		230-3-60	460-3-60	575-3- 60		<u>\$</u> 3			230-3-60	460-3-60		Suspension	Trolley <sup>†</sup>	Trolley <sup>†</sup>	Trolley <sup>†</sup>
	1/8	2707NH	2708NH	9366NH	A2	10/32	1/2	1	67	73	\$4,003.00	\$4,314.00	\$4,616.00	\$4,884.00	\$9,060.00
	1/8	2717NH	2718NH	9384NH	AA2	20/60	1/2	1	74	75	\$4,421.00	\$4,732.00	\$5,034.00	\$5,302.00	\$9,478.00
	1/4	2727NH	2728NH	9402NH	B2	5/16	1/2	1	67	73	\$4,565.00	\$4,876.00	\$5,178.00	\$5,446.00	\$9,622.00
	1/4	2737NH	2738NH	9420NH	C2	10/32	1/2	1	73	74	\$4,778.00	\$5,089.00	\$5,391.00	\$5,659.00	\$9,835.00
	1/2	2747NH	2748NH	9438NH	E2	2/8	1/2	2	76	82	\$4,945.00	\$5,370.00	\$5,672.00	\$5,940.00	\$10,116.00
	1/2	2757NH	2758NH	9456NH	F2	5/16	1/2	1	74	74	\$5,147.00	\$5,458.00	\$5,760.00	\$6,028.00	\$10,204.00
Two-Speed	1/2	3502NH	3503NH	9216NH	J2	10/32	1	1	116	117	\$6,215.00	\$6,580.00	\$6,971.00	\$7,229.00	\$11,419.00
10' Lift	1/2	3549NH	3550NH	9228NH	JJ2	21/64	2	1	130	130	\$8,426.00	\$8,791.00	\$9,182.00	\$9,440.00	\$13,630.00
	1	2767NH	2768NH	9474NH	H2	2/8	1/2	2	83	84	\$5,369.00	\$5,794.00	\$6,096.00	\$6,364.00	\$10,540.00
	1	3504NH	3505NH	9246NH	L2	5/16	1	1	116	117	\$6,258.00	\$6,623.00	\$7,014.00	\$7,272.00	\$11,462.00
	1	3553NH	3554NH	9258NH	LL2	10/32	2	1	130	131	\$8,303.00	\$8,668.00	\$9,059.00	\$9,317.00	\$13,507.00
	2	3506NH	3507NH	9276NH	R2	2/8	1	2	134	135	\$7,355.00	\$7,813.00	\$8,204.00	\$8,462.00	\$12,652.00
	2	3561NH	3562NH	9288NH	RR2	5/16	2	2	149	149	\$9,122.00	\$9,580.00	\$9,971.00	\$10,229.00	\$14,419.00
	3	9511NH	9513NH	9536NH	RT2	1/5.5	1	3	161	176	\$8,348.00	\$8,846.00	\$9,631.00	\$9,865.00	\$14,168.00
	3	9512NH	9514NH	9542NH	RRT2	3/11	2	3	176	174	\$9,596.00	\$10,094.00	\$10,879.00	\$11,113.00	\$15,416.00
Variable	1/8***	2709NH	2710NH		Α	32	1/2	1	65	65					
Frequency	1/4***	2726NH	2729NH		В	16	1/2	1	65	65					
Drive	1/4***	2734NH	2736NH		С	32	1/2	1	65	65	See page	e 41 for new Lo	destar VS ava	ilable in these	e models.
	1/2***	2730NH	2731NH		F	16	1/2	1	65	65					
3 – Step Infinitely	1/2***	3635NH	3636NH		J	32	1	1	110	110					
Variable	1/2***	3642NH	3643NH		JJ	64	2	1	110	110	\$8,426.00	\$8,791.00	\$9,182.00	\$9,440.00	\$13,630.00
Control	1***	3625NH	3626NH		L	16	1	1	110	110	See pag	ge 41 for new Lo	odestar VS ava	ilable in these	models.
	1***	3644NH	3645NH		LL	32	2	1	110	110	\$8,303.00	\$8,668.00	\$9,059.00	\$9,317.00	\$13,507.00
	2***	3646S1	3647S1		RRS	16	2	1	161	162	\$6,906.00	\$7,537.00	\$7,928.00	\$8,186.00	\$12,376.00
6 to 1 Speed Ratio	2***	3632NH	3633NH		R	8	1	2	110	110	See pag	ge 41 for new Lo	odestar VS ava	ilable in these	models.
Nutio	2***	3646NH	3647NH		RR	16	2	2	110	110	\$9,122.00	\$9,580.00	\$9,971.00	\$10,229.00	\$14,419.00
10' Lift	3***	9531NH	9534NH		RT	5.5	1	2	110	110	See pag	ge 41 for new Lo	odestar VS ava	ilable in these	models.
IU LIII	3***	9539NH	9540NH		RRT	11	2	2	110	110	\$9,596.00	\$10,094.00	\$10,879.00	\$11,113.00	\$15,416.00

Fabric Chain Containers included on all models for up to 20' Lift.

NOTE: For Lodestar models not listed, please consult factory for pricing.

VFD units are factory set for 3-Step Infinitely Variable Control and include 3-Step Control Station and 115V interface card as standard.

NOTE: Universal Motorized Trolleys currently available @ 230/460V-3PH-60HZ power or 208V-3PH-60HZ power only.

## CM LODESTAR ELECTRIC HOIST MODIFICATION CHARGES

Begin with standard 10' Lift and add extra charges

Voltage	Models	Extra Chain Per Foot of Lift	Extra Control Cord Per Foot
	A-AA-B-C-F	\$23.50	
	E-H	\$47.00	
115-1-60 or	J-L-JJ-LL	\$30.70	\$10.30
230/460-3-60	R-RR	\$61.40	\$10.30
	RT-RRT	\$92.10	
	RRS	\$32.35	

#### **CM LODESTAR ELECTRIC HOIST EXTRAS**

Description	User Price					
Weatherproofing (Hoist Only)	N/C					
Acid Protection (Hoist Only)	N/C					
Power Cord Strain Relief	\$77.00					
Extra Power Cord (Standard Length: 15')	\$10.30					
Up to 10' power cord supplied on Universal Motorized Trolley for no additional charge. For additional length beyond 10' please apply <b>\$9.10</b> list Per Foot						
Extra Control Cord (Standard Length: 4' less than Lift)	\$10.30					
Thermal Switch (Klixon) in Hoist Motor	N/C					

#### **CM LODESTAR PROTECTIVE COVERS**

Product Code	Fits Models	User Price
22380	Models A through H	\$169.00
21858	Models J through RRT	\$184.00



<sup>\*</sup> Not CSA Approved.

<sup>\*\*</sup>Control Cord drop is 4' less than Lift.

<sup>&</sup>lt;sup>†</sup> For more information, Trolley adders/accessories, or to order CM Universal Trolleys separately, see page 60.

#### **LODESTAR ELECTRIC CHAIN HOIST**

		Product Code		Model L				Wei	iaht	User Price				
	Capacity (Tons)	Capacity (Tons) Rigid Hook Suspension & Chain Container			Hoist Lifting Speed	Motor HP	Reeving		inds)	Hoist Only*	Hook or Low Headroom	Low Headroom	Motor Driven Trolley, Lug	
		115-1-60	230/460 3-60	575-3-60		(FPM)			115-1-60	230/460 3-60	Tioist Only	Lug	Trolley, Lug & Hoist	& Hoist
	1/8	2702NH	2705NH	9358NH	Α	32	1/2	1	54	60	\$3,310.00	\$3,505.00	\$4,075.00	\$9,130.00
	1/8	2712NH	2715NH	9376NH	AA	60	1/2	1	67	64	\$3,728.00	\$3,923.00	\$4,493.00	\$9,548.00
	1/4	2722NH	2725NH	9394NH	В	16	1/2	1	53	61	\$3,872.00	\$4,067.00	\$4,637.00	\$9,692.00
	1/4	2732NH	2735NH	9412NH	С	32	1/2	1	61	64	\$4,085.00	\$4,280.00	\$4,850.00	\$9,905.00
	1/2	2742NH	2745NH	9430NH	Е	8	1/2	2	71	69	\$4,252.00	\$4,506.00	\$5,076.00	\$10,144.00
	1/2	2752NH	2755NH	9448NH	F	16	1/2	1	61	65	\$4,454.00	\$4,649.00	\$5,219.00	\$10,274.00
	1/2	3512NH	3515NH	9206NH	J	32	1	1	110	110	\$4,917.00	\$5,151.00	\$5,721.00	\$10,800.00
Single-	1/2	-	3545NH	9220NH	JJ	64	2	1	_	117	\$7,128.00	\$7,362.00	\$7,932.00	\$13,011.00
Speed 10' Lift	1	2762NH	2765NH	9466NH	Н	8	1/2	2	72	73	\$4,676.00	\$4,930.00	\$5,500.00	\$10,568.00
10 LIII	1	3522NH	3525NH	9236NH	L	16	1	1	113	110	\$4,960.00	\$5,194.00	\$5,764.00	\$10,843.00
	1	-	3555NH	9250NH	LL	32	2	1	_	117	\$7,005.00	\$7,239.00	\$7,809.00	\$12,888.00
	2	-	3565S1		RRS	16	2	1	_	156	\$5,608.00	\$6,146.00	\$7,175.00	\$11,725.00
	2	3532NH	3535NH	9266NH	R	8	1	2	131	130	\$6.057.00	\$6,378.00	\$7.407.00	\$11,957.00
	2	_	3565NH	9280NH	RR	16	2	2	_	135	\$7.824.00	\$8.145.00	\$9.174.00	\$13,724.00
	3	9501NH	9505NH	9533NH	RT	5.5	1	3	158	158	\$7,050.00	\$7,802.00	\$9,412.00	\$14,451.00
	3	-	9508NH	9538NH	RRT	11	2	3	_	162	\$8,298.00	\$9,050.00	\$10,660.00	\$15,699.00
	1/8	3101NH	3103NH	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	A	32	1/2	1	59	64	\$3,479.00	\$3.674.00	\$4.244.00	\$9.247.50
	1/8	3111NH	3113NH		AA	60	1/2	1	67	79	\$3,897.00	\$4,092.00	\$4,662.00	\$9,665.50
	1/4	3121NH	3123NH		В	16	1/2	1	61	64	\$4,041.00	\$4,236.00	\$4,806.00	\$9,809.50
	1/4	3131NH	3133NH		C	32	1/2	1	66	75	\$4,254.00	\$4,449.00	\$5,019.00	\$10,022.50
	1/2	3141NH	3143NH		E	8	1/2	2	70	80	\$4.538.50	\$4.800.50	\$5,370.50	\$10,387.00
	1/2	3151NH	3153NH		F	16	1/2	1	67	72	\$4,623.00	\$4,818.00	\$5,388.00	\$10,391.50
	1/2	4212NH	4214NH		J	32	1	1	118	115	\$5,122.00	\$5,364.00	\$5,934.00	\$10,961.50
Single-	1/2	42 12 IVIII	4244NH		JJ	64	2	1	-	123	\$7,333.00	\$7,575.00	\$8,145.00	\$10,901.50
Speed	1/2	3161NH	3163NH		H	8	1/2	2	80	85	\$4,962.50	\$5,224.50	\$5,794.50	\$10,811.00
15' Lift	1	4222NH	4224NH		L	16	1/2	1	120	114	\$5,165.00	\$5,407.00	\$5,977.00	\$10,811.00
	1	4222IVII	4254NH		LL	32	2	1	120	122	\$7,210.00	\$7,452.00	\$8,022.00	\$13,049.50
	2	_	4264S1		RRS	16	2	1	_	164	\$5,821.25	\$6,359.25	\$7,388.25	\$13,049.30
	2	4232NH	420431 4234NH		R	8	1	2	140	138	\$6,415.50	\$6,771.50	\$7,800.50	\$11,000.75
	2	423ZINП	4254NH		RR	16	2	2	-	144	\$8,182.50	\$8,538.50	\$9,567.50	\$12,299.00
	3	9502NH	9506NH		RT	5.5	1	3	174	171	\$7,562.00	\$8,445.00	\$10,055.00	\$15,042.50
	3	9302111	9500NH		RRT	11	2	3	-	171	\$8,810.00	\$9,693.00	\$10,055.00	\$16,290.50
	1/8	3102NH	3104NH		A	32	1/2	1	64	68	\$3,648.00	\$3,843.00	\$4.413.00	\$9.365.00
	1/8	3102NH 3112NH	3104NH 3114NH		AA	60	1/2	1	72	74	\$4.066.00	\$4,261.00	\$4,413.00	\$9,365.00
					В		1/2	1		72				
	1/4	3122NH	3124NH			16		1	64		\$4,210.00	\$4,405.00	\$4,975.00	\$9,927.00
	1/4	3132NH	3134NH		С	32	1/2		69	76	\$4,423.00	\$4,618.00	\$5,188.00	\$10,140.00
	1/2	3142NH	3144NH		E	8	1/2	2	80	88	\$4,825.00	\$5,093.00	\$5,663.00	\$10,628.00
	1/2	3152NH	3154NH		F	16	1/2	1	71	76	\$4,792.00	\$4,987.00	\$5,557.00	\$10,509.00
Single-	1/2	4213NH	4215NH		J	32	1	1	124	124	\$5,327.00	\$5,575.00	\$6,145.00	\$11,121.00
Speed	1/2	-	4245NH		JJ	64	2	1	-	128	\$7,538.00	\$7,786.00	\$8,356.00	\$13,332.00
20' Lift	1	3162NH	3164NH		H	8	1/2	2	86	90	\$5,249.00	\$5,517.00	\$6,087.00	\$11,052.00
	1	4223NH	4225NH		L	16	1	1	124	119	\$5,370.00	\$5,618.00	\$6,188.00	\$11,164.00
	1	-	4255NH		LL	32	2	1	_	127	\$7,415.00	\$7,663.00	\$8,233.00	\$13,209.00
	2	-	4265S1		RRS	16	2	1	-	172	\$6,034.50	\$6,572.50	\$7,601.50	\$12,048.50
	2	4233NH	4235NH		R	8	1	2	148	148	\$6,774.00	\$7,137.00	\$8,166.00	\$12,613.00
	2	-	4265NH		RR	16	2	2	-	156	\$8,541.00	\$8,904.00	\$9,933.00	\$14,380.00
	3	9503NH	9507NH		RT	5.5	1	3	187	184	\$8,074.00	\$8,957.00	\$10,567.00	\$15,503.00
	3	-	9510NH		RRT	11	2	3	-	194	\$9,322.00	\$10,205.00	\$11,815.00	\$16,751.00

Fabric Chain Containers included on all models for up to 20' Lift.

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).

**NOTE:** Base price of 10' Lift Hoist must be used for any modification.

Example: 460 volt Model L Lodestar with 10' Lift & 75 F.P.M Motor Driven Trolley. SELECT:

Hoist w/Hook	-	Rigid Hook	+	Mdt Lug	+	Motor Driven Trolley	=	List Price
Code 3525NH	-	Code 3651NH	+	Code 3679NH	+	Code 3672	=	List Price
\$5.194.00	_	\$133.00	+	\$203.00	+	\$5.579.00	=	\$11.109.00



<sup>\*</sup> Hoist only without suspension & chain container must be ordered through the configurator.

 $<sup>{}^{\</sup>star\star}\operatorname{Rigid}\operatorname{hook}\operatorname{suspension}\operatorname{\&}\operatorname{fabric}\operatorname{chain}\operatorname{container}\operatorname{are}\operatorname{standard}\operatorname{with}\operatorname{Hoist}\operatorname{codes}\operatorname{listed}\operatorname{above}.$ 

#### **CM** LODESTAR ELECTRIC CHAIN HOIST

		Product Code Rigid Hook Suspension & Chain Container				Hoist Lifting M Speed I (FPM)			Woi	ight		User Price		
	Capacity (Tons)				Model		Motor HP	Reeving		inds)	Hoist Only*	Hook or Low Headroom	Low Headroom Trolley, Lug	Motor Driven Trolley, Lug
		230-3-60	460-3-60	575-3-60		(,			230-3-60	460-3-60		Lug	& Hoist	& Hoist
	1/8	2707NH	2708NH	9366NH	A2	10/32	1/2	1	67	73	\$4,003.00	\$4,198.00	\$4,768.00	\$9,823.00
	1/8	2717NH	2718NH	9384NH	AA2	20/60	1/2	1	74	75	\$4,421.00	\$4,616.00	\$5,186.00	\$10,241.00
	1/4	2727NH	2728NH	9402NH	B2	5/16	1/2	1	67	73	\$4,565.00	\$4,760.00	\$5,330.00	\$10,385.00
	1/4	2737NH	2738NH	9420NH	C2	10/32	1/2	1	73	74	\$4,778.00	\$4,973.00	\$5,543.00	\$10,598.00
	1/2	2747NH	2748NH	9438NH	E2	2/8	1/2	2	76	82	\$4,945.00	\$5,199.00	\$5,769.00	\$10,837.00
	1/2	2757NH	2758NH	9456NH	F2	5/16	1/2	1	74	74	\$5,147.00	\$5,342.00	\$5,912.00	\$10,967.00
	1/2	3502NH	3503NH	9216NH	J2	10/32	1	1	116	117	\$6,215.00	\$6,449.00	\$7,019.00	\$12,098.00
Two-Speed 10' Lift	1/2	3549NH	3550NH	9228NH	JJ2	21/64	2	1	130	130	\$8,426.00	\$8,660.00	\$9,230.00	\$14,309.00
IU LIII	1	2767NH	2768NH	9474NH	H2	2/8	1/2	2	83	84	\$5,369.00	\$5,623.00	\$6,193.00	\$11,261.00
	1	3504NH	3505NH	9246NH	L2	5/16	1	1	116	117	\$6,258.00	\$6,492.00	\$7,062.00	\$12,141.00
	1	3553NH	3554NH	9258NH	LL2	10/32	2	1	130	131	\$8,303.00	\$8,537.00	\$9,107.00	\$14,186.00
	2	3506NH	3507NH	9276NH	R2	2/8	1	2	134	135	\$7,355.00	\$7,821.00	\$8,850.00	\$13,255.00
	2	3561NH	3562NH	9288NH	RR2	5/16	2	2	149	149	\$9,122.00	\$9,443.00	\$10,472.00	\$15,022.00
	3	9511NH	9513NH	9536NH	RT2	1/5.5	1	3	161	176	\$8,348.00	\$9,065.00	\$10,675.00	\$15,749.00
	3	9512NH	9514NH	9542NH	RRT2	3/11	2	3	176	174	\$9,596.00	\$10,348.00	\$11,958.00	\$16,997.00
Variable	1/8***	2709NH	2710NH		Α	32	1/2	1	65	65				
Frequency	1/4***	2726NH	2729NH		В	16	1/2	1	65	65		07.6		10
Drive	1/4***	2734NH	2736NH		С	32	1/2	1	65	65	5	ee page 37 for r		18
	1/2***	2730NH	2731NH		F	16	1/2	1	65	65		avaliable III ti	iese illoueis.	
3 - Step	1/2***	3635NH	3636NH		J	32	1	1	110	110				
Infinitely	1/2***	3642NH	3643NH		JJ	64	2	1	110	110	\$8,426.00	\$8,660.00	\$9,230.00	\$14,309.00
Variable Control	1***	3625NH	3626NH		L	16	1	1	110	110	S	ee page 37 for r available in th		/S
	1***	3644NH	3645NH		LL	32	2	1	110	110	\$8,303.00	\$8,537.00	\$9,107.00	\$14,186.00
	2***	3646S1	3647S1		RRS	16	2	1	161	162	\$6,906.00	\$7,299.00	\$7,869.00	\$12,948.00
6 to 1 Speed Ratio	2***	3632NH	3633NH		R	8	1	2	110	110	See page 37 for new Lodestar VS available in these models.			
	2***	3646NH	3647NH		RR	16	2	2	110	110	\$9,122.00	\$9,443.00	\$10,472.00	\$15,022.00
10' Lift	3***	9531NH	9534NH		RT	5.5	1	2	110	110	S	ee page 37 for r available in th		/S
	3***	9539NH	9540NH		RRT	11	2	2	110	110	\$9,596.00	\$10,348.00	\$11,958.00	\$16,997.00

NOTE: For Lodestar models not listed, please consult factory for pricing.

Fabric Chain Containers included on all models for up to 20' Lift.

Control Cord drop is 4' less than Lift.

VFD units are factory set for 3-Step Infinitely Variable Control and include 3-Step Control Station and 115V interface card as standard.

#### CM LODESTAR ELECTRIC HOIST **MODIFICATION CHARGES**

Begin with standard 10' Lift and add extra charges

Voltage	Models	Extra Chain Per Foot of Lift	Extra Control Cord Per Foot		
	A-AA-B-C-F	\$23.50			
	E-H	\$47.00	\$10.30		
115-1-60 or	J-L-JJ-LL	\$30.70			
230/460-3-60	R-RR	\$61.40			
	RT-RRT	\$92.10			
	RRS	\$32.35			

#### **CM LODESTAR ELECTRIC HOIST EXTRAS**

Description	User Price
Weatherproofing (Hoist Only)	N/C
Acid Protection (Hoist Only)	N/C
Power Cord Strain Relief	\$100.00
Extra Power Cord (Standard Length: 15')	\$10.30
Extra Control Cord (Standard Length: 4' less than Lift)	\$10.30
Acid Protection Low Headroom Trolley	N/C
Thermal Switch (Klixon) in Hoist Motor	N/C

#### **CM LODESTAR ELECTRIC HOIST SUSPENSIONS**

	Product Code	Models	Weight (Pounds)	User Price
	2788NH	A-AA-B-C-F	2	\$94.00
	2789NH	E-H	4	\$153.00
Rigid Hook**	3651NH	J-L-JJ-LL	4	\$133.00
	3658NH	R-RR	8	\$206.00
	9559NH	RT-RRT	7	\$602.00
Digid Latablak Haak	2790NH	A-AA-B-C-F	3	\$349.00
Rigid Latchlok Hook	3652NH	J-L-JJ-LL	5	\$386.00
	2792NH	A-AA-B-C-F	2	\$94.00
	2793NH	E-H	4	\$153.00
Swivel Hook	3661NH	J-L-JJ-LL	4	\$133.00
	3660NH	R-RR	8	\$206.00
	9557NH	RT-RRT	7	\$602.00
	2796NH	A-AA-B-C-F	3	\$349.00
Swivel Latchlok Hook	3662NH	J-L-JJ-LL	5	\$386.00
	3663NH	R-RR	9	\$557.00
	2778NH	A-AA-B-C-F	2	\$94.00
D: : !! ( !	2779NH	E-H	3	\$153.00
Rigid Lug for Low Headroom Trolley	3677NH	J-L-JJ-LL	4	\$133.00
ricaurooili iiolley	3668NH	R-RR	6	\$206.00
	9561NH	RT-RRT	5	\$602.00
	2992NH	A-AA-B-C-F	2	\$140.00
D: : 11 (	2993NH	E-H	3	\$212.00
Rigid Lug for Motor Driven Trolley	3679NH	J-L-JJ-LL	4	\$203.00
wiotor brivell frolley	3668NH	R-RR	6	\$206.00
	9561NH	RT-RRT	5	\$602.00

#### **CM LODESTAR PROTECTIVE COVERS**

Product Code	Fits Models	User Price
22380	Models A through H	\$169.00
21858	Models J through RRT	\$184.00



<sup>\*</sup> Hoist only without suspension & chain container must be ordered through the configurator.

<sup>\*\*</sup> Rigid hook suspension & fabric chain container are standard with Hoist codes listed above.

<sup>\*\*\*</sup> Not CSA Approved.

#### HOIST SUSPENSIONS FOR 2-TON, SINGLE REEVED UNITS (MODEL RRS)

Туре	Product Code	Weight	User Price
Swivel Hook	10001574	5.4	\$284.00
Rigid Hook	10001573	5.6	\$284.00
кіуій поок	10001573X (cross mount)"	5.6	\$284.00
Rigid Lug	10001577	3.6	\$284.00
Kigiu Lug	10001577X (cross mount)"	3.6	\$284.00
Digid Latablak Haak	10001575	5.2	\$659.00
Rigid Latchlok Hook	10001575X (cross mount)"	5.2	\$659.00
Swivel Latchlok Hook	10001576	5	\$659.00
Universal Trolley Lug	10001578	_	\$371.00
Offiversal Holley Lug	10001578X (cross mount)"	-	\$365.00





# LODESTAR ELECTRIC CHAIN HOIST WITH 635 LOWHEADROOM PUSH TROLLEY — EASY ORDER KITS

NOTE: TROLLEYS DO NOT INCLUDE TROLLEY GUARDS THEREFORE PRODUCT IS NOT CSA APPROVED AS STANDARD.

	115 <b>V</b>	460V/230V	Model	Capacity (Tons)	Hoist Lifting Speed (FPM)	Motor HP	Reeving	Trolley Flange Range	115V Total Weight (Pounds)	460V/230V Total Weight (Pounds)	User Price
	LNT1232BA110	LNT1232BA210	А	1/8	32	1/2	1	2.625" to 5.625"	96	93	\$4,075.00
	LNT1260BA110	LNT1260BA210	AA	1/8	60	1/2	1	2.625" to 5.625"	96	93	\$4,493.00
	LNT2516BA110	LNT2516BA210	В	1/4	16	1/2	1	2.625" to 5.625"	96	93	\$4,637.00
	LNT2532BA110	LNT2532BA210	С	1/4	32	1/2	1	2.625" to 5.625"	96	93	\$4,850.00
	LNT5008BA110	LNT5008BA210	Е	1/2	8	1/2	2	2.625" to 5.625"	111	108	\$5,076.00
	LNT5016BA110	LNT5016BA210	F	1/2	16	1/2	1	2.625" to 5.625"	96	93	\$5,219.00
	LNT5032BA110	LNT5032BA210	J	1/2	32	1	1	2.625" to 5.625"	154	154	\$5,721.00
Single-Speed	_	LNT5064BA210	JJ	1/2	64	2	1	2.625" to 5.625"	_	162	\$7,932.00
10' Lift	LNT0108BA110	LNT0108BA210	Н	1	8	1/2	2	2.625" to 5.625"	111	108	\$5,500.00
	LNT0116BA110	LNT0116BA210	L	1	16	1	1	2.625" to 5.625"	154	154	\$5,764.00
	-	LNT0132BA210	LL	1	32	2	1	2.625" to 5.625"	_	162	\$7,809.00
	_	LNT02RSBB210	RRS	2	16	2	1	3.375" to 5.625"	_	216	\$7,175.00
	LNT0208BB110	LNT0208BB210	R	2	8	1	2	3.375" to 5.625"	194	208	\$7,407.00
	_	LNT0216BB210	RR	2	16	2	2	3.375" to 5.625"	_	216	\$9,174.00
	LNT0305BC110	LNT0305BC210	RT	3	5.5	1	3	4.00" to 6.00"	-	255	\$9,412.00
	_	LNT0311BC210	RRT	3	11	2	3	4.00" to 6.00"	_	265	\$10,660.00
	LNT1232BA115	LNT1232BA215	Α	1/8	32	1/2	1	2.625" to 5.625"	99	96	\$4,244.00
	LNT1260BA115	LNT1260BA215	AA	1/8	60	1/2	1	2.625" to 5.625"	99	96	\$4,662.00
	LNT2516BA115	LNT2516BA215	В	1/4	16	1/2	1	2.625" to 5.625"	99	96	\$4,806.00
	LNT2532BA115	LNT2532BA215	С	1/4	32	1/2	1	2.625" to 5.625"	99	96	\$5,019.00
	LNT5008BA115	LNT5008BA215	Е	1/2	8	1/2	2	2.625" to 5.625"	117	114	\$5,370.50
	LNT5016BA115	LNT5016BA215	F	1/2	16	1/2	1	2.625" to 5.625"	99	96	\$5,388.00
	LNT5032BA115	LNT5032BA215	J	1/2	32	1	1	2.625" to 5.625"	160	160	\$5,934.00
Single-Speed	_	LNT5064BA215	JJ	1/2	64	2	1	2.625" to 5.625"	_	167	\$8,145.00
15' Lift	LNT0108BA115	LNT0108BA215	Н	1	8	1/2	2	2.625" to 5.625"	117	114	\$5,794.50
	LNT0116BA115	LNT0116BA215	L	1	16	1	1	2.625" to 5.625"	160	160	\$5,977.00
	_	LNT0132BA215	LL	1	32	2	1	2.625" to 5.625"	_	167	\$8,022.00
	_	LNT02RSBB215	RRS	2	16	2	1	3.375" to 5.625"	_	223	\$7,388.25
	LNT0208BB115	LNT0208BB215	R	2	8	1	2	3.375" to 5.625"	222	222	\$7,800.50
	_	LNT0216BB215	RR	2	16	2	2	3.375" to 5.625"	_	297	\$9,567.50
	LNT0305BC115	LNT0305BC215	RT	3	5.5	1	3	4.00" to 6.00"	288	280	\$10,055.00
	_	LNT0311BC215	RRT	3	11	2	3	4.00" to 6.00"	_	280	\$11,303.00
	LNT1232BA120	LNT1232BA220	Α	1/8	32	1/2	1	2.625" to 5.625"	102	99	\$4,413.00
	LNT1260BA120	LNT1260BA220	AA	1/8	60	1/2	1	2.625" to 5.625"	102	99	\$4,831.00
	LNT2516BA120	LNT2516BA220	В	1/4	16	1/2	1	2.625" to 5.625"	102	99	\$4,975.00
	LNT2532BA120	LNT2532BA220	C	1/4	32	1/2	1	2.625" to 5.625"	102	99	\$5,188.00
	LNT5008BA120	LNT5008BA220	E	1/2	8	1/2	2	2.625" to 5.625"	124	121	\$5,663.00
	LNT5016BA120	LNT5016BA220	F	1/2	16	1/2	1	2.625" to 5.625"	102	99	\$5,557.00
	LNT5032BA120	LNT5032BA220	J	1/2	32	1	1	2.625" to 5.625"	164	164	\$6,145.00
Single-Speed	_	LNT5064BA220	JJ	1/2	64	2	1	2.625" to 5.625"	_	171	\$8,356.00
20' Lift	LNT0108BA120	LNT0108BA220	Н	1	8	1/2	2	2.625" to 5.625"	124	121	\$6,087.00
	LNT0116BA120	LNT0116BA220	L	1	16	1	1	2.625" to 5.625"	164	164	\$6,188.00
	-	LNT0132BA220	LL	1	32	2	1	2.625" to 5.625"	-	171	\$8,233.00
	_	LNT02RSBB220	RRS	2	16	2	1	3.375" to 5.625"	_	230	\$7,601.50
	LNT0208BB120	LNT0208BB220	R	2	8	1	2	3.375" to 5.625"	232	236	\$8,166.00
		LNT0216BB220	RR	2	16	2	2	3.375" to 5.625"	_	252	\$9,933.00
	LNT0305BC120	LNT0305BC220	RT	3	5.5	1	3	4.00" to 6.00"	315	310	\$10,567.00
	_	LNT0303BC220	RRT	3	11	2	3	4.00" to 6.00"	_	295	\$11,815.00
5 1 : 01 : 0 · ·	iners included on all mo		1414.1					1.00 10 0.00	l.	270	711,010.00

Fabric Chain Containers included on all models for up to 20' Lift.
When ordering, please verify beam size, power supply, lift, and lifting speed requirements.

**NOTE:** Hoist and Trolley do not ship pre-mounted.



# LODESTAR ELECTRIC CHAIN HOIST WITH 635 MOTOR DRIVEN TROLLEY — EASY ORDER KITS

NOTE: PRODUCT IS CSA APPROVED.

					11	ina		Trolley			1 4607/0207	
	115V	460V/230V	Model	Capacity (Tons)	Hoist Lifting Speed (FPM)	Motor HP	Reeving	Trolley Traverse (FPM)	Trolley Flange Range	115V Total Weight (Pounds)	460V/230V Total Weight (Pounds)	User Price
	LNT1232A1B110	LNT1232A1B210	Α	1/8	32	1/2	1	75	3.375" to 5.625"	191	182	\$9,905.00
	LNT1260A1B110	LNT1260A1B210	AA	1/8	60	1/2	1	75	3.375" to 5.625"	191	182	\$10,323.00
	LNT2516A1B110	LNT2516A1B210	В	1/4	16	1/2	1	75	3.375" to 5.625"	191	182	\$10,467.00
	LNT2532A1B110	LNT2532A1B210	С	1/4	32	1/2	1	75	3.375" to 5.625"	191	182	\$10,680.00
	LNT5008A1B110	LNT5008A1B210	Е	1/2	8	1/2	2	75	3.375" to 5.625"	206	197	\$10,919.00
	LNT5016A1B110	LNT5016A1B210	F	1/2	16	1/2	1	75	3.375" to 5.625"	191	182	\$11,049.00
	LNT5032A1B110	LNT5032A1B210	J	1/2	32	1	1	75	3.375" to 5.625"	249	243	\$11,575.00
Single-Speed	_	LNT5064A1B210	JJ	1/2	64	2	1	75	3.375" to 5.625"	_	251	\$13,786.00
10' Lift	LNT0108A1B110	LNT0108A1B210	Н	1	8	1/2	2	75	3.375" to 5.625"	206	197	\$11,343.00
	LNT0116A1B110	LNT0116A1B210	L	1	16	1	1	75	3.375" to 5.625"	249	243	\$11,618.00
	_	LNT0132A1B210	LL	1	32	2	1	75	3.375" to 5.625"	_	251	\$13,663.00
	_	LNT02RSA1B210	RRS	2	16	2	1	75	3.375" to 5.625"	_	276	\$12,500.00
	LNT0208A1B110	LNT0208A1B210	R	2	8	1	2	75	3.375" to 5.625"	260	268	\$12,732.00
	_	LNT0216A1B210	RR	2	16	2	2	75	3.375" to 5.625"	_	276	\$14,499.00
	LNT0305A1C110	LNT0305A1C210	RT	3	5.5	1	3	75	4.00" to 5.625"	298	298	\$15,226.00
	_	LNT0311A1C210	RRT	3	11	2	3	75	4.00" to 5.625"	_	308	\$16,474.00
	LNT1232A1B115	LNT1232A1B215	A	1/8	32	1/2	1	75	3.375" to 5.625"	194	185	\$10,022.50
	LNT1260A1B115	LNT1260A1B215	AA	1/8	60	1/2	1	75	3.375" to 5.625"	194	185	\$10,440.50
		LNT2516A1B215	В	1/4	16	1/2	1	75	3.375" to 5.625"	194	185	\$10,584.50
		LNT2532A1B215	C	1/4	32	1/2	1	75	3.375" to 5.625"	194	185	\$10,797.50
		LNT5008A1B215	E	1/2	8	1/2	2	75	3.375" to 5.625"	212	203	\$11,162.00
		LNT5016A1B215	F	1/2	16	1/2	1	75	3.375" to 5.625"	194	185	\$11,166.50
		LNT5032A1B215	J	1/2	32	1	1	75	3.375" to 5.625"	255	249	\$11,736.50
Single-Speed	_	LNT5064A1B215	JJ	1/2	64	2	1	75	3.375" to 5.625"	_	256	\$13,947.50
15' Lift	LNT0108A1B115	LNT0108A1B215	Н	1	8	1/2	2	75	3.375" to 5.625"	212	203	\$11,586.00
	LNT0116A1B115	LNT0116A1B215	L	1	16	1	1	75	3.375" to 5.625"	255	249	\$11,779.50
	-	LNT0132A1B215	LL	1	32	2	1	75	3.375" to 5.625"	_	256	\$13,824.50
	_	LNT02RSA1B215	RRS	2	16	2	1	75	3.375" to 5.625"	_	283	\$12,661.75
	LNT0208A1B115	LNT0208A1B215	R	2	8	1	2	75	3.375" to 5.625"	284	282	\$13,074.00
	_	LNT0216A1B215	RR	2	16	2	2	75	3.375" to 5.625"	_	297	\$14,841.00
	LNT0305A1C115	LNT0305A1C215	RT	3	5.5	1	3	75	4.00" to 5.625"	315	313	\$15,817.50
		LNT0303A1C215	RRT	3	11	2	3	75	4.00" to 5.625"	-	323	\$17,065.50
	LNT1232A1B120	LNT1232A1B220	A	1/8	32	1/2	1	75	3.375" to 5.625"	197	188	\$10,140.00
		LNT1260A1B220	AA	1/8	60	1/2	1	75	3.375" to 5.625"	197	188	\$10,558.00
		LNT2516A1B220	B	1/4	16	1/2	1	75	3.375" to 5.625"	197	188	\$10,702.00
		LNT2532A1B220	С	1/4	32	1/2	1	75	3.375" to 5.625"	197	188	\$10,702.00
		LNT5008A1B220	E	1/4	8	1/2	2	75	3.375" to 5.625"	219	210	\$11,403.00
		LNT5006A1B220	F	1/2	16	1/2	1	75	3.375" to 5.625"	197	188	\$11,403.00
		LNT5032A1B220	J	1/2	32	1/2	1	75	3.375" to 5.625"	259	253	\$11,896.00
Cinala Casad	LINT 3032ATDTZ0	LNT5064A1B220	JJ	1/2	64	2	1	75	3.375" to 5.625"		260	\$14,107.00
Single-Speed 20' Lift	LNT0108A1B120	LNT0108A1B220	H	1/2	8	1/2	2	75	3.375" to 5.625"	219	210	\$11,827.00
20 LII	LNT0116A1B120	LNT0108A1B220	L	1	16	1/2	1	75	3.375 to 5.625"	259	253	\$11,827.00
	-		LL	1	32	2	1	75		259 —	253	
	_	LNT0132A1B220		2	-				3.375" to 5.625"	_		\$13,984.00
		LNT02RSA1B220	RRS		16	2	1	75	3.375" to 5.625"		290	\$12,823.50
	LNT0208A1B120	LNT0208A1B220	R RR	2	8	1	2	75 75	3.375" to 5.625"	293 —	296	\$13,388.00
		LNT0216A1B220	RT	3	16 5.5	2	3	75 75	3.375" to 5.625"		312	\$15,155.00
	LIVI 0305A IC 120	LNT0305A1C220	RRT	3	5.5	2	3	75 75	4.00" to 5.625"	330	328 338	\$16,278.00
Fabric Obside Ossat	-	LNT0311A1C220 nodels for up to 20' Lift	KKI	3	11		3	/5	4.00" to 5.625"	_	338	\$17,526.00

Fabric Chain Containers included on all models for up to 20' Lift
When ordering, please verify beam size, power supply, lift, lifting speed and Trolley traverse requirements.

Note: Trolley includes 6-button control station including on/off Buttons and mainline contactor. Hoist and Trolley do not ship pre-mounted.



## LODESTAR VS VARIABLE SPEED ELECTRIC CHAIN HOIST



	<u> </u>		(FPM)												User P	rice			
ty (Tons)	d Lift (Ft.)	Model	3 Speed (F	or HP	Reeving	Control	New! Single Phase	Single Phase	Three Phase	Three Phase	Weight (Pounds)	Hoist	Hook or Low	Hoist With Trolley (Inc	Series 635 cludes Lug)	Lug	Hoist With Universal Trolley (Includes Lug)		
Capacity	Standard Lift	Ž	Hoist Lifting Speed	Motor	Re	Туре	Product Code	Power Supply	Product Code	Power Supply	Weight	Only*	Headroom Lug	Low Headroom Trolley	Motor Driven Trolley	Suspension	Plain Trolley	Geared Trolley	Motor Driven Trolley
						2-Step, Multi-Step	LV01321D102MA	115-1-60	LV01321A102MA	230-3-60		\$3,537.00	\$3,732.00	\$4,302.00	\$9,357.00	\$3,848.00	\$4,150.00	\$4,418.00	N/A
1/8	10	Α	32	1/2	1	3-Step Inf. Variable	LV01321D103VA	115-1-60	LV01321A103VA	230-3-60	75	\$3,820.00	\$4,015.00	\$4,585.00	\$9,640.00	\$4,131.00	\$4,433.00	\$4,701.00	N/A
1/0	10	^	32	1/2	١,	2-Step, Multi-Step	-	-	LV01321B102MA	460-3-60	75	\$3,537.00	\$3,732.00	\$4,302.00	\$9,357.00	\$3,848.00	\$4,150.00	\$4,418.00	N/A
						3-Step Inf. Variable	-	-	LV01321B103VA	460-3-60			\$4,015.00	\$4,585.00	\$9,640.00		\$4,433.00		N/A
							LV01601D102MA		LV01601A102MA	230-3-60			\$4,150.00			\$4,266.00			N/A
1/8	10	AA	60	1/2	1	3-Step Inf. Variable	LV01601D103VA	115-1-60		230-3-60	75		\$4,433.00	\$5,003.00		\$4,549.00			N/A
						2-Step, Multi-Step	-	-	LV01601B102MA	460-3-60	- 1		\$4,150.00	\$4,720.00		\$4,266.00			N/A
						3-Step Inf. Variable	-	-	LV01601B103VA	460-3-60			\$4,433.00	\$5,003.00		\$4,549.00			N/A
							LV02161D102MA		LV02161A102MA	230-3-60			\$4,294.00	\$4,864.00		\$4,410.00			N/A
1/4	10	В	16	1/2	1	3-Step Inf. Variable 2-Step, Multi-Step	LV02161D103VA	115-1-00	LV02161A103VA LV02161B102MA	230-3-60 460-3-60	75		\$4,577.00	\$5,147.00		\$4,693.00			N/A N/A
						3-Step Inf. Variable		_	LV02161B102MA	460-3-60			\$4,294.00 \$4,577.00	\$4,864.00 \$5,147.00	\$10,202.00	\$4,410.00		. ,	N/A
							LV02321D102MA	115-1-60	LV02321A102MA	230-3-60			\$4,577.00	\$5,077.00	\$10,202.00				N/A
						3-Step Inf. Variable		115-1-60	LV02321A102WA	230-3-60			\$4,790.00	\$5,360.00		\$4,906.00			N/A
1/4	10	С	32	1/2	2 1	2-Step, Multi-Step	-	-	LV02321B102MA	460-3-60	75		\$4,507.00	\$5,077.00	\$10,132.00				N/A
						3-Step Inf. Variable	_	_	LV02321B103VA	460-3-60			\$4,790.00	\$5,360.00	\$10,415.00				N/A
							LV05082D102MA	115-1-60	LV05082A102MA	230-3-60			\$4,733.00	\$5,303.00	\$10,371.00		-		N/A
						3-Step Inf. Variable		115-1-60	LV05082A103VA	230-3-60			\$5,016.00	\$5,586.00		\$5,187.00			N/A
1/2	10	E	8	1/2	2	2-Step, Multi-Step	-	-	LV05082B102MA	460-3-60	90		\$4,733.00		\$10,371.00				N/A
						3-Step Inf. Variable	-	-	LV05082B103VA	460-3-60			\$5,016.00	\$5,586.00	\$10,654.00				N/A
						2-Step, Multi-Step	LV05161D102MA	115-1-60	LV05161A102MA	230-3-60		\$4,681.00	\$4,876.00	\$5,446.00	\$10,501.00	\$4,992.00	\$5,294.00	\$5,562.00	N/A
4.0		_				3-Step Inf. Variable	LV05161D103VA	115-1-60	LV05161A103VA	230-3-60		\$4,964.00	\$5,159.00	\$5,729.00	\$10,784.00	\$5,275.00	\$5,577.00	\$5,845.00	N/A
1/2	10	F	16	1/2	1	2-Step, Multi-Step	LV05161E102MA	230-1-60	LV05161B102MA	460-3-60	75	\$4,681.00	\$4,876.00	\$5,446.00	\$10,501.00	\$4,992.00	\$5,294.00	\$5,562.00	N/A
						3-Step Inf. Variable	LV05161E103VA	230-1-60	LV05161B103VA	460-3-60		\$4,964.00	\$5,159.00	\$5,729.00	\$10,784.00	\$5,275.00	\$5,577.00	\$5,845.00	N/A
						2-Step, Multi-Step	LV05321D102MA	115-1-60	LV05321A102MA	230-3-60		\$5,823.00	\$6,057.00	\$6,627.00	\$11,706.00	\$6,188.00	\$6,579.00	\$6,837.00	N/A
1/2	10	J	32	1	,	3-Step Inf. Variable	LV05321D103VA	115-1-60	LV05321A103VA	230-3-60	135	\$6,106.00	\$6,340.00	\$6,910.00	\$11,989.00	\$6,471.00	\$6,862.00	\$7,120.00	N/A
1/2	10	J	32	'		2-Step, Multi-Step	-	-	LV05321B102MA	460-3-60	133	\$5,823.00	\$6,057.00	\$6,627.00	\$11,706.00	\$6,188.00	\$6,579.00	\$6,837.00	N/A
						3-Step Inf. Variable	-	-	LV05321B103VA	460-3-60		\$6,106.00	\$6,340.00	\$6,910.00	\$11,989.00	\$6,471.00	\$6,862.00	\$7,120.00	N/A
						2-Step, Multi-Step	LV10082D102MA	115-1-60	LV10082A102MA	230-3-60		\$4,903.00	\$5,157.00	\$5,727.00	\$10,795.00	\$5,328.00	\$5,630.00	\$5,898.00	N/A
1	10	н	8	1/2	2	3-Step Inf. Variable	LV10082D103VA	115-1-60		230-3-60	90		\$5,440.00	\$6,010.00		\$5,611.00			N/A
-				.,-	-	2-Step, Multi-Step	-	-	LV10082B102MA	460-3-60			\$5,157.00	\$5,727.00	\$10,795.00				N/A
						3-Step Inf. Variable	-	-	LV10082B103VA	460-3-60			\$5,440.00	\$6,010.00		\$5,611.00			N/A
							LV10161D102MA	115-1-60	LV10161A102MA	230-3-60			\$6,100.00	\$6,670.00		\$6,231.00			N/A
1	10	L	16	1	1	3-Step Inf. Variable		115-1-60	LV10161A103VA	230-3-60	135		\$6,383.00	\$6,953.00	\$12,032.00				N/A
							LV10161E102MA	230-1-60	LV10161B102MA	460-3-60			\$6,100.00	\$6,670.00		\$6,231.00			N/A
						3-Step Inf. Variable		230-1-60	LV10161B103VA	460-3-60			\$6,383.00	\$6,953.00	\$12,032.00				N/A
							LV20082D102MA		LV20082A102MA	230-3-60			\$7,284.00		\$12,863.00				N/A
2	10	R	8	1	2	3-Step Inf. Variable 2-Step, Multi-Step	LV20082D103VA	115-1-60	LV20082A103VA LV20082B102MA	230-3-60 460-3-60	155		\$7,567.00 \$7.284.00	\$8,596.00	\$13,146.00 \$12,863.00				N/A N/A
						3-Step Inf. Variable		_	LV20082B102MA LV20082B103VA	460-3-60			\$7,284.00		\$12,863.00				N/A N/A
							_ LV30053D102MA			230-3-60				\$10,318.00		1.			N/A N/A
						3-Step Inf. Variable			LV30053A102WA	230-3-60				\$10,516.00	-	-		-	N/A
3	10	RT	5.5	1	3	2-Step IIII. Variable	-	-	LV30053A103VA	460-3-60	180			\$10,801.00					N/A N/A
		1/1				3-Step Inf. Variable	-	_		460-3-60				\$10,601.00					N/A
						- July IIII Tuliuble				.00 0 00		QU,207.00	40,271.00	+ 10,001.00	¥ 10,040.00	40,707.00	Y-,022.00	+ >,,, 00.00	//

NOTE: Fabric chain containers included on all models for up to 20' Lift. Universal motorized Trolleys not available with VFD control.

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).

For Lodestar models not listed, please consult factory for pricing.

Control cord drop is 4' less than Lift.

Universal motorized Trolleys currently available @ 230/460V-3PH-60HZ power or 208V-3PH-60HZ power only

\* Hoist only without suspension & chain container must be ordered through the configurator.

Hoists programmed for 2-Step Infinitely Variable control or 3-Step, Multi-Step must be ordered through the configurator.

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).

Please refer to PHPL Price Schedule for additional options.

LODESTAR VS ELECTRIC CHAIN Hoists ARE NOT CSA APPROVED.

## CM LODESTAR VS PROGRAMMING INTERFACE KIT

Product Code	Description	User Price
192051094	Program & Interface Cable Ethernet connection to Drive (End Cover must be removed)	\$227.00
192061059	Program & Interface Cable NEW! Connection to external port	\$227.00

**NEW!** INTELLI-CONNECT MOBILE WIRELESS KIT App available through Apple App Store or Google Play

Product Code	Description	User Price
N/A	Factory Installation	\$227.00
192088851	Field installation kit for use with Models A, AA, B, C, E, F, H	\$283.00
192088852	Field installation kit for use with Models J, L, R, RT	\$283.00

#### CM LODESTAR VS ELECTRIC CHAIN HOIST MODIFICATION CHARGES

Voltage	Models	Extra Chain Per Foot of Lift	Extra Control Cord Per Foot
	A-AA-B-C-F	\$23.50	
	E-H	\$47.00	
115 1 60 220 2 60 22 460 2 60	J-JJ-L-LL	\$30.70	\$10.30
115-1-60, 230-3-60 or 460-3-60	R-RR	\$61.40	\$10.30
	RT-RRT	\$92.10	
	RRS	\$32.35	

Begin with standard 10' Lift and add extra charges.



# CLASSIC LODESTAR ELECTRIC CHAIN HOISTS & ACCESSORIES



	Produc	t Code Less							User Price*					
		pension	Model	Capacity (Tons)	Hoist Lifting Speed	Weight	(Pounds)	Hoist Only	Lug	Universal	Universal	Universal		
	115-1-60	230/460 3-60		(*****)	(FPM)	115-1-60	230/460 3-60		Suspension	Plain Trolley <sup>t</sup>	Geared Trolley	Motorized Trolley		
	2702	2705	Α	1/8	32	54	60	\$3,432.00	\$3,642.00	\$3,944.00	\$4,212.00	\$8,388.00		
	2712	2715	AA	1/8	60	67	64	\$3,865.00	\$4,075.00	\$4,377.00	\$4,645.00	\$8,821.00		
	2722	2725	В	1/4	16	53	61	\$4,018.00	\$4,228.00	\$4,530.00	\$4,798.00	\$8,974.00		
	2732	2735	С	1/4	32	61	64	\$4,235.00	\$4,445.00	\$4,747.00	\$5,015.00	\$9,191.00		
	2742	2745	E	1/2	8	71	69	\$4,411.00	\$4,735.00	\$5,037.00	\$5,305.00	\$9,481.00		
	2752	2755	F	1/2	16	61	65	\$4,619.00	\$4,829.00	\$5,131.00	\$5,399.00	\$9,575.00		
Single-	3512	3515	J	1/2	32	110	110	\$5,102.00	\$5,366.00	\$5,757.00	\$6,015.00	\$10,205.00		
Speed 10'	-	3545	JJ	1/2	64	-	117	\$7,397.00	\$7,661.00	\$8,052.00	\$8,310.00	\$12,500.00		
Lift	2762	2765	Н	1	8	72	73	\$4,849.00	\$5,173.00	\$5,475.00	\$5,743.00	\$9,919.00		
	3522	3525	L	1	16	113	110	\$5,148.00	\$5,412.00	\$5,803.00	\$6,061.00	\$10,251.00		
	-	3555	LL	1	32	_	117	\$7,266.00	\$7,530.00	\$7,921.00	\$8,179.00	\$12,369.00		
	3532	3535	R	2	8	131	130	\$6,289.00	\$6,632.00	\$7,023.00	\$7,281.00	\$11,471.00		
	_	3565	RR	2	16	-	135	\$8,125.00	\$8,468.00	\$8,859.00	\$9,117.00	\$13,307.00		
	9501	9505	RT	3	5.5	158	158	\$7,319.00	\$7,667.00	\$8,452.00	\$8,686.00	\$12,989.00		
	-	9508	RRT	3	11	_	162	\$8,613.00	\$8,961.00	\$9,746.00	\$9,980.00	\$14,283.00		
	3101	3103	Α	1/8	32	59	64	\$3,601.00	\$3,811.00	\$4,113.00	\$4,381.00	\$8,557.00		
	3111	3113	AA	1/8	60	67	79	\$4,034.00	\$4,244.00	\$4,546.00	\$4,814.00	\$8,990.00		
	3121	3123	В	1/4	16	61	64	\$4,187.00	\$4,397.00	\$4,699.00	\$4,967.00	\$9,143.00		
	3131	3133	С	1/4	32	66	75	\$4,404.00	\$4,614.00	\$4,916.00	\$5,184.00	\$9,360.00		
	3141	3143	E	1/2	8	70	80	\$4,697.50	\$5,021.50	\$5,323.50	\$5,591.50	\$9,767.50		
	3151	3153	F	1/2	16	67	72	\$4,788.00	\$4,998.00	\$5,300.00	\$5,568.00	\$9,744.00		
Single-	4212	4214	J	1/2	32	118	115	\$5,307.00	\$5,571.00	\$5,962.00	\$6,220.00	\$10,410.00		
Speed 15'	-	4244	JJ	1/2	64	-	123	\$7,602.00	\$7,866.00	\$8,257.00	\$8,515.00	\$12,705.00		
Lift	3161	3163	Н	1	8	80	85	\$5,135.50	\$5,459.50	\$5,761.50	\$6,029.50	\$10,205.50		
	4222	4224	L	1	16	120	114	\$5,353.00	\$5,617.00	\$6,008.00	\$6,266.00	\$10,456.00		
	-	4254	LL	1	32	-	122	\$7,471.00	\$7,735.00	\$8,126.00	\$8,384.00	\$12,574.00		
	4232	4234	R	2	8	140	138	\$6,647.50	\$6,990.50	\$7,381.50	\$7,639.50	\$11,829.50		
	-	4264	RR	2	16	-	144	\$8,483.50	\$8,826.50	\$9,217.50	\$9,475.50	\$13,665.50		
	9502	9506	RT	3	5.5	174	171	\$7,831.00	\$8,179.00	\$8,964.00	\$9,198.00	\$13,501.00		
	-	9509	RRT	3	11	-	176	\$9,125.00	\$9,473.00	\$10,258.00	\$10,492.00	\$14,795.00		
	3102	3104	A	1/8	32	64	68	\$3,770.00	\$3,980.00	\$4,282.00	\$4,550.00	\$8,726.00		
	3112	3114	AA	1/8	60	72	74	\$4,203.00	\$4,413.00	\$4,715.00	\$4,983.00	\$9,159.00		
	3122	3124	В	1/4	16	64	72	\$4,356.00	\$4,566.00	\$4,868.00	\$5,136.00	\$9,312.00		
	3132	3134	С	1/4	32	69	76	\$4,573.00	\$4,783.00	\$5,085.00	\$5,353.00	\$9,529.00		
	3142	3144	E F	1/2	8	80	88	\$4,984.00	\$5,308.00	\$5,610.00	\$5,878.00	\$10,054.00		
	3152	3154	J	1/2	16	71	76	\$4,957.00	\$5,167.00	\$5,469.00	\$5,737.00	\$9,913.00		
	4213	4215	_	1/2	32	124	124	\$5,512.00	\$5,776.00	\$6,167.00	\$6,425.00	\$10,615.00		
		4245	JJ H	1/2	64 8	86	128 90	\$7,807.00 \$5,422.00	\$8,071.00	\$8,462.00 \$6,048.00	\$8,720.00	\$12,910.00 \$10,492.00		
LIII	3162 4223	3164 4225		1	16				\$5,746.00		\$6,316.00			
	4223	4225 4255	L	1	32	124	119 127	\$5,558.00	\$5,822.00	\$6,213.00	\$6,471.00 \$8,589.00	\$10,661.00		
Single- Speed 20' Lift	4233	4255	R	2	8	148	148	\$7,676.00	\$7,940.00 \$7.349.00	\$8,331.00		\$12,779.00		
	4233	4235 4265	RR	2	16	148	148	\$7,006.00		\$7,740.00	\$7,998.00	\$12,188.00		
	9503	4265 9507	RT	3	5.5	187	184	\$8,842.00	\$9,185.00 \$8,691.00	\$9,576.00	\$9,834.00 \$9,710.00	\$14,024.00		
	9503	9507	RRT	3	5.5	187	184	\$8,343.00 \$9,637.00		\$9,476.00		\$14,013.00		
	_	9010	KKI	3	П	_	194	\$9,037.00	\$9,985.00	\$10,770.00	\$11,004.00	\$15,307.00		

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).

 $\textbf{NOTE:} \ \mathsf{Base} \ \mathsf{price} \ \mathsf{of} \ \mathsf{10'} \ \mathsf{Lift} \ \mathsf{Hoist} \ \mathsf{must} \ \mathsf{be} \ \mathsf{used} \ \mathsf{for} \ \mathsf{any} \ \mathsf{modification}.$ 

 $^{\scriptscriptstyle \dagger}$  For more information, Trolley adders/accessories or to order CM Universal Trolleys separately, see page 60.



# CHASSIC LODESTAR ELECTRIC CHAIN HOISTS & ACCESSORIES



	Product C Suspe				Hoist		ight Inds)			User Price*		
	230-3-60	460- 3-60	Model	Capacity (Tons)	Lifting Speed (FPM)	230-3-60	460-3-60	Hoist Only	Lug Suspension	Universal Plain Trolley <sup>†</sup>	Universal Geared Trolley <sup>†</sup>	Universal Motorized Trolley <sup>†</sup>
	2707	2708	A2	1/8	10/32	67	73	\$4,125.00	\$4,335.00	\$4,637.00	\$4,905.00	\$9,081.00
	2717	2718	AA2	1/8	20/60	74	75	\$4,558.00	\$4,768.00	\$5,070.00	\$5,338.00	\$9,514.00
	2727	2728	B2	1/4	5/16	67	73	\$4,711.00	\$4,921.00	\$5,223.00	\$5,491.00	\$9,667.00
	2737	2738	C2	1/4	10/32	73	74	\$4,928.00	\$5,138.00	\$5,440.00	\$5,708.00	\$9,884.00
	2747	2748	E2	1/2	2.5/8	76	82	\$5,104.00	\$5,428.00	\$5,730.00	\$5,998.00	\$10,174.00
	2757	2758	F2	1/2	5/16	74	74	\$5,312.00	\$5,522.00	\$5,824.00	\$6,092.00	\$10,268.00
Two Cnood	3502	3503	J2	1/2	10/32	116	117	\$6,400.00	\$6,664.00	\$7,055.00	\$7,313.00	\$11,503.00
Two-Speed 10' Lift	3549	3550	JJ2	1/2	21/64	130	130	\$8,695.00	\$8,959.00	\$9,350.00	\$9,608.00	\$13,798.00
IU LIII	2767	2768	H2	1	2.5/8	83	84	\$5,542.00	\$5,866.00	\$6,168.00	\$6,436.00	\$10,612.00
	3504	3505	L2	1	5/16	116	117	\$6,446.00	\$6,710.00	\$7,101.00	\$7,359.00	\$11,549.00
	3553	3554	LL2	1	10/32	130	131	\$8,564.00	\$8,828.00	\$9,219.00	\$9,477.00	\$13,667.00
	3506	3507	R2	2	2.5/8	134	135	\$7,587.00	\$7,930.00	\$8,321.00	\$8,579.00	\$12,769.00
	3561	3562	RR2	2	5/16	149	149	\$9,423.00	\$9,766.00	\$10,157.00	\$10,415.00	\$14,605.00
	9511	9513	RT2	3	1.75/5.5	161	176	\$8,617.00	\$8,965.00	\$9,750.00	\$9,984.00	\$14,287.00
	9512	9514	RRT2	3	3.5/11	176	174	\$9,911.00	\$10,259.00	\$11,044.00	\$11,278.00	\$15,581.00
Variable	2709*	2710	Α	1/8	32	65	65	\$4,125.00	\$4,335.00	\$4,637.00	\$4,905.00	\$9,081.00
Frequency	2726*	2729	В	1/4	16	65	65	\$4,711.00	\$4,921.00	\$5,223.00	\$5,491.00	\$9,667.00
Drive	2734*	2736	С	1/4	32	65	65	\$4,928.00	\$5,138.00	\$5,440.00	\$5,708.00	\$9,884.00
	2730*	2731	F	1/2	16	65	65	\$5,312.00	\$5,522.00	\$5,824.00	\$6,092.00	\$10,268.00
3 – Step	3635*	3636	J	1/2	32	110	110	\$6,400.00	\$6,664.00	\$7,055.00	\$7,313.00	\$11,503.00
Infinitely	3642*	3643	JJ	1/2	64	110	110	\$8,695.00	\$8,959.00	\$9,350.00	\$9,608.00	\$13,798.00
Variable Control	3625*	3626	L	1	16	110	110	\$6,446.00	\$6,710.00	\$7,101.00	\$7,359.00	\$11,549.00
00111101	3644*	3645	LL	1	32	110	110	\$8,564.00	\$8,828.00	\$9,219.00	\$9,477.00	\$13,667.00
6 to 1 Speed	3632*	3633	R	2	8	110	110	\$7,587.00	\$7,930.00	\$8,321.00	\$8,579.00	\$12,769.00
Ratio	3646*	3647	RR	2	16	110	110	\$9,423.00	\$9,766.00	\$10,157.00	\$10,415.00	\$14,605.00
4011:0	9531*	9534	RT	3	5.5	110	110	\$8,617.00	\$8,965.00	\$9,750.00	\$9,984.00	\$14,287.00
10' Lift	9539*	9540	RRT	3	11	110	110	\$9,911.00	\$10,259.00	\$11,044.00	\$11,278.00	\$15,581.00

NOTE: For Lodestar models not listed, please consult factory for pricing. Control Cord drop is 4' less than Lift.

VFD units are factory set for 3-step Infinitely Variable Control as standard and include 3-Step Control Station.

**NOTE:** Universal Motorized Trolleys currently available @ 230/460V-3PH-60HZ power or 208V-3PH-60HZ power only.

 $^{\scriptscriptstyle \dagger}$  For more information, Trolley adders/accessories or to order CM Universal Trolleys separately, see page 60.

## CM CLASSIC LODESTAR ELECTRIC HOIST MODIFICATION CHARGES

Begin with standard 10' Lift and add extra charges.

Voltage	Models	Extra Chain Per Foot of Lift	Extra Control Cord Per Foot
	A-AA-B-C-F	\$23.50	
115 1 (0	E-H	\$47.00	
115-1-60 or 230/460-3-60	J-JJ-L-LL	\$30.70	\$10.30
230/400-3-00	R-RR	\$61.40	
	RT-RRT	\$92.10	

#### CM CLASSIC LODESTAR ELECTRIC HOIST EXTRAS

Description	User Price
Weatherproofing (Hoist Only)	N/C
Acid Resistant (Hoist Only)*	N/C
Power Cord Strain Relief	\$100.00
Extra Power Cord (Standard Length: 15')	\$10.30
Up to 10' power cord supplied on Universal Motorized Trolley for no addition For additional length beyond 10' please apply <b>\$10.30</b> list Per foot	al charge.
Extra Control Cord (Standard Length: 4' less than Lift)	\$10.30
Thermal Switch (Klixon) in Hoist Motor	\$85.00

<sup>\*</sup> Hoist & Trolley furnished with acid-resisitant powder coat paint, plated load chain & painted hooks as standard. Contact factory for harsh acid environment applications.



<sup>\*</sup> Not CSA Approved.

## CLASSIC LODESTAR ELECTRIC CHAIN HOISTS & ACCESSORIES

	Product Code	Less Suspension			Hoist		ight unds)		Use	r Price*	
	115-1-60	230/460 3-60	Model	Capacity (Tons)	Lifting Speed (FPM)	115-1-60	230/460 3-60	Hoist Only	Hook or Low Headroom Lug	Low Headroom Trolley, Lug & Hoist	Motor Driven Trolley, Lug & Hoist
	2702	2705	A	1/8	32	54	60	\$3,432.00	\$3,526.00	\$4.096.00	\$9,151.00
	2712	2715	AA	1/8	60	67	64	\$3.865.00	\$3,959.00	\$4,529.00	\$9.584.00
	2722	2715	В	1/4	16	53	61	\$4,018.00	\$4.112.00	\$4,682.00	\$9,737.00
	2732	2735	C	1/4	32	61	64	\$4,235.00	\$4,329.00	\$4.899.00	\$9,954.00
	2742	2745	E	1/2	8	71	69	\$4,411.00	\$4,564.00	\$5,134.00	\$10,202.00
	2752	2755	F	1/2	16	61	65	\$4,619.00	\$4,713.00	\$5,283.00	\$10,338.00
0:1-	3512	3515	J	1/2	32	110	110	\$5,102.00	\$5,235.00	\$5,805.00	\$10,884.00
Single- Speed 10'	-	3545	JJ	1/2	64	-	117	\$7,397.00	\$7,530.00	\$8,100.00	\$13,179.00
Lift	2762	2765	H	1/2	8	72	73	\$4,849.00	\$5,002.00	\$5,572.00	\$10,640.00
2	3522	3525	L	1	16	113	110	\$5,148.00	\$5,002.00	\$5,851.00	\$10,930.00
	- 3322	3555	LL	1	32	-	117	\$7.266.00	\$7,399.00	\$7,969.00	\$13.048.00
	3532	3535	R	2	8	131	130	\$6,289.00	\$6,495.00	\$7,509.00	\$12,074.00
	3332	3565	RR	2	16	-	135	\$8,125.00	\$8,331.00	\$9,360.00	\$13,910.00
	9501	9505	RT	3	5.5	158	158	\$7,319.00	\$7,921.00	\$9,531.00	\$13,910.00
	9501	9505	RRT	3	11	108	162	\$8,613.00	\$9,215.00	\$10,825.00	
				-	32	59	64				\$15,864.00
	3101	3103	A	1/8		67	79	\$3,601.00	\$3,695.00	\$4,265.00 \$4.698.00	\$9,268.50
	3111	3113	AA	1/8	60	Ψ.	64	\$4,034.00	\$4,128.00	,,	\$9,701.50
	3121	3123	B C	1/4	16	61		\$4,187.00	\$4,281.00	\$4,851.00	\$9,854.50
	3131	3133	E	1/4	32	66 70	75	\$4,404.00	\$4,498.00	\$5,068.00	\$10,071.50
	3141	3143		1/2	8		80	\$4,697.50	\$4,850.50	\$5,420.50	\$10,437.00
	3151	3153	F	1/2	16	67	72	\$4,788.00	\$4,882.00	\$5,452.00	\$10,455.50
Single-	4212	4214	J	1/2	32	118	115	\$5,307.00	\$5,440.00	\$6,010.00	\$11,037.50
Speed 15'	-	4244	JJ	1/2	64	-	123	\$7,602.00	\$7,735.00	\$8,305.00	\$13,332.50
LIII	3161	3163	H	1	8	80	85	\$5,135.50	\$5,288.50	\$5,858.50	\$10,875.00
	4222	4224	L	1	16	120	114	\$5,353.00	\$5,486.00	\$6,056.00	\$11,083.50
	-	4254	LL	1	32	-	122	\$7,471.00	\$7,604.00	\$8,174.00	\$13,201.50
	4232	4234	R	2	8	140	138	\$6,647.50	\$6,853.50	\$7,882.50	\$12,381.00
	-	4264	RR	2	16	-	144	\$8,483.50	\$8,689.50	\$9,718.50	\$14,217.00
	9502	9506	RT	3	5.5	174	171	\$7,831.00	\$8,433.00	\$10,043.00	\$15,030.50
	-	9509	RRT	3	11	-	176	\$9,125.00	\$9,727.00	\$11,337.00	\$16,324.50
	3102	3104	A	1/8	32	64	68	\$3,770.00	\$3,864.00	\$4,434.00	\$9,386.00
	3112	3114	AA	1/8	60	72	74	\$4,203.00	\$4,297.00	\$4,867.00	\$9,819.00
	3122	3124	В	1/4	16	64	72	\$4,356.00	\$4,450.00	\$5,020.00	\$9,972.00
	3132	3134	C	1/4	32	69	76	\$4,573.00	\$4,667.00	\$5,237.00	\$10,189.00
	3142	3144	E	1/2	8	80	88	\$4,984.00	\$5,137.00	\$5,707.00	\$10,672.00
	3152	3154	F	1/2	16	71	76	\$4,957.00	\$5,051.00	\$5,621.00	\$10,573.00
Single-	4213	4215	J	1/2	32	124	124	\$5,512.00	\$5,645.00	\$6,215.00	\$11,191.00
Speed 20'	-	4245	JJ	1/2	64	-	128	\$7,807.00	\$7,940.00	\$8,510.00	\$13,486.00
Lift	3162	3164	Н	1	8	86	90	\$5,422.00	\$5,575.00	\$6,145.00	\$11,110.00
	4223	4225	L	1	16	124	119	\$5,558.00	\$5,691.00	\$6,261.00	\$11,237.00
	-	4255	LL	1	32	-	127	\$7,676.00	\$7,809.00	\$8,379.00	\$13,355.00
	4233	4235	R	2	8	148	148	\$7,006.00	\$7,212.00	\$8,241.00	\$12,688.00
	_	4265	RR	2	16	-	156	\$8,842.00	\$9,048.00	\$10,077.00	\$14,524.00
	9503	9507	RT	3	5.5	187	184	\$8,343.00	\$8,945.00	\$10,555.00	\$15,491.00
	_	9510	RRT	3	11	-	194	\$9,637.00	\$10,239.00	\$11,849.00	\$16,785.00

 $<sup>\</sup>ensuremath{^\star}$  When ordering, use product code plus suspension code on page 43.

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).

NOTE: Base price of 10' Lift Hoist must be used for any modification.

#### EXAMPLE: 460 VOLT MODEL L LODESTAR WITH 10 LIFT & 75 F.P.M MOTOR DRIVEN TROLLEY

Hoist On	ly +	MDT Lug	+	Motor Driven Trolley	=	List Price
Code 352	5 +	Code 3679	+	Code 3672	=	List Price
\$5.148.0	0 +	\$203.00	+	\$5.579.00	=	\$10,930.00



## CLASSIC LODESTAR ELECTRIC CHAIN HOISTS & ACCESSORIES

		Code Less ension		Capacity	Hoist Lifting	Weight	(Pounds)		U	ser Price*	
	230-3-60	460- 3-60	Model	(Tons)	Speed (FPM)	230-3-60	460-3-60	Hoist Only	Hook or Low Headroom Lug	Low Headroom Trolley, Lug & Hoist	Motor Driven Trolley, Lug & Hoist
	2707	2708	A2	1/8	10/32	67	73	\$4,125.00	\$4,219.00	\$4,789.00	\$9,844.00
	2717	2718	AA2	1/8	20/60	74	75	\$4,558.00	\$4,652.00	\$5,222.00	\$10,277.00
	2727	2728	B2	1/4	5/16	67	73	\$4,711.00	\$4,805.00	\$5,375.00	\$10,430.00
	2737	2738	C2	1/4	10/32	73	74	\$4,928.00	\$5,022.00	\$5,592.00	\$10,647.00
	2747	2748	E2	1/2	2.5/8	76	82	\$5,104.00	\$5,257.00	\$5,827.00	\$10,895.00
	2757	2758	F2	1/2	5/16	74	74	\$5,312.00	\$5,406.00	\$5,976.00	\$11,031.00
	3502	3503	J2	1/2	10/32	116	117	\$6,400.00	\$6,533.00	\$7,103.00	\$12,182.00
Two-Speed 10' Lift	3549	3550	JJ2	1/2	21/64	130	130	\$8,695.00	\$8,828.00	\$9,398.00	\$14,477.00
	2767	2768	H2	1	2.5/8	83	84	\$5,542.00	\$5,695.00	\$6,265.00	\$11,333.00
	3504	3505	L2	1	5/16	116	117	\$6,446.00	\$6,579.00	\$7,149.00	\$12,228.00
	3553	3554	LL2	1	10/32	130	131	\$8,564.00	\$8,697.00	\$9,267.00	\$14,346.00
	3506	3507	R2	2	2.5/8	134	135	\$7,587.00	\$7,793.00	\$8,822.00	\$13,372.00
	3561	3562	RR2	2	5/16	149	149	\$9,423.00	\$9,629.00	\$10,658.00	\$15,208.00
	9511	9513	RT2	3	1.75/5.5	161	176	\$8,617.00	\$9,219.00	\$10,829.00	\$15,868.00
	9512	9514	RRT2	3	3.5/11	176	174	\$9,911.00	\$10,513.00	\$12,123.00	\$17,162.00
	2709*	2710	Α	1/8	32	65	65	\$4,125.00	\$4,219.00	\$4,789.00	\$9,844.00
Variable	2726*	2729	В	1/4	16	65	65	\$4,711.00	\$4,805.00	\$5,375.00	\$10,430.00
Frequency Drive	2734*	2736	С	1/4	32	65	65	\$4,928.00	\$5,022.00	\$5,592.00	\$10,647.00
	2730*	2731	F	1/2	16	65	65	\$5,312.00	\$5,406.00	\$5,976.00	\$11,031.00
	3635*	3636	J	1/2	32	110	110	\$6,400.00	\$6,533.00	\$7,103.00	\$12,182.00
3-Step Infinitely	3642*	3643	JJ	1/2	64	110	110	\$8,695.00	\$8,828.00	\$9,398.00	\$14,477.00
Variable Control	3625*	3626	L	1	16	110	110	\$6,446.00	\$6,579.00	\$7,149.00	\$12,228.00
	3644*	3645	LL	1	32	110	110	\$8,564.00	\$8,697.00	\$9,267.00	\$14,346.00
( 10 ID ::	3632*	3633	R	2	8	110	110	\$7,587.00	\$7,793.00	\$8,822.00	\$13,372.00
6 to 1 Speed Ratio	3646*	3647	RR	2	16	110	110	\$9,423.00	\$9,629.00	\$10,658.00	\$15,208.00
4011.0	9531*	9534	RT	3	5.5	110	110	\$8,617.00	\$9,219.00	\$10,829.00	\$15,868.00
10' Lift	9539*	9540	RRT	3	11	110	110	\$9,911.00	\$10,513.00	\$12,123.00	\$17,162.00

 $\textbf{NOTE:} \ \text{For Lodestar models not listed, please consult factory for pricing.}$ 

Control Cord drop is 4' less than Lift.

VFD units are factory set for 3-Step Infinitely Variable Control as standard and include 3-Step Control Station.

#### CSA APPROVED MODELS

635 Low-Headroom Trolleys include Trolley guards. / 635 Motor Driven Trolleys include Trolley guards, mainline contactor and on/off Buttons on control station.

0	Product Co	ode Less S	Suspension		0	Hoist	Wei	ght (Poun	ds)		,	*User Price	
Capacity (Tons)	115-1-60	230/460 3-60	575 3-60	Model	Capacity (Tons)	Lifting Speed (FPM)	115-1-60	230/460 3-60	575 3-60	Hoist Only	Hook or Low Headroom Lug	Low Headroom Trolley Lug & Hoist	Motor Driven Trolley, Lug, & Hoist
	9350	9356	9358	Α	1/8	32	54	60	60	\$3,436.00	\$3,530.00	\$4,266.00	\$10,254.00
	9368	9347	9376	AA	1/8	60	67	64	64	\$3,868.00	\$3,962.00	\$4,698.00	\$10,686.00
	9386	9392	9394	В	1/4	16	53	61	61	\$4,023.00	\$4,117.00	\$4,853.00	\$10,841.00
	9404	9410	9412	С	1/4	32	61	64	64	\$4,241.00	\$4,335.00	\$5,071.00	\$11,059.00
≝	9422	9428	9430	Е	1/2	8	71	69	69	\$4,416.00	\$4,569.00	\$5,305.00	\$11,306.00
),r	9440	9446	9448	F	1/2	16	61	65	65	\$4,624.00	\$4,718.00	\$5,454.00	\$11,442.00
d 1	9200	9210	9206	J	1/2	32	110	110	110	\$5,108.00	\$5,241.00	\$5,977.00	\$11,989.00
bee	-	9218	9220	JJ	1/2	64	-	117	117	\$7,405.00	\$7,538.00	\$8,274.00	\$14,286.00
Single-Speed 10' Lift	9458	9464	9466	Н	1	8	72	73	73	\$4,856.00	\$5,009.00	\$5,745.00	\$11,746.00
gle	9230	9240	9236	L	1	16	113	110	110	\$5,154.00	\$5,287.00	\$6,023.00	\$12,035.00
Si	_	9248	9250	LL	1	32	_	117	117	\$7,275.00	\$7,408.00	\$8,144.00	\$14,156.00
	9260	9270	9266	R	2	8	131	130	130	\$6,295.00	\$6,501.00	\$7,695.00	\$13,179.00
	-	9278	9280	RR	2	16	-	135	135	\$8,135.00	\$8,341.00	\$9,535.00	\$15,019.00
	9527	9544	9533	RT	3	5.5	158	158	158	\$7,328.00	\$7,930.00	\$9,706.00	\$15,678.00
	_	9546	9538	RRT	3	11	_	162	162	\$8,624.00	\$9,226.00	\$11,002.00	\$16,974.00
	230-3-60	460-3-60	575 3-60				230-3-60	460-3-60	575 3-60				
	9362	9364	9366	A2	1/8	10/32	67	73	73	\$4,129.00	\$4,223.00	\$4,959.00	\$10,947.00
	9380	9382	9384	AA2	1/8	20/60	74	75	75	\$4,561.00	\$4,655.00	\$5,391.00	\$11,379.00
	9398	9400	9402	B2	1/4	5/16	67	73	73	\$4,716.00	\$4,810.00	\$5,546.00	\$11,534.00
	9416	9418	9420	C2	1/4	10/32	73	74	74	\$4,934.00	\$5,028.00	\$5,764.00	\$11,752.00
	9434	9436	9438	E2	1/2	2.5/8	76	82	82	\$5,109.00	\$5,262.00	\$5,998.00	\$11,999.00
Two-Speed 10' Lift	9452	9454	9456	F2	1/2	5/16	74	74	74	\$5,317.00	\$5,411.00	\$6,147.00	\$12,135.00
19	9212	9214	9216	J2	1/2	10/32	116	117	117	\$6,386.00	\$6,519.00	\$7,255.00	\$13,267.00
pee	9224	9226	9228	JJ2	1/2	21/64	130	130	130	\$8,683.00	\$8,816.00	\$9,552.00	\$15,564.00
Spe	9470	9472	9474	H2	1	2.5/8	83	84	84	\$5,549.00	\$5,702.00	\$6,438.00	\$12,439.00
-0 <sub>V</sub>	9242	9244	9246	L2	1	5/16	116	117	117	\$6,432.00	\$6,565.00	\$7,301.00	\$13,313.00
	9254	9256	9258	LL2	1	10/32	130	131	131	\$8,553.00	\$8,686.00	\$9,422.00	\$15,434.00
	9272	9274	9276	R2	2	2.5/8	134	135	135	\$7,573.00	\$7,779.00	\$8,973.00	\$14,457.00
	9284	9286	9288	RR2	2	5/16	149	149	149	\$9,413.00	\$9,619.00	\$10,813.00	\$16,297.00
	9548	9550	9536	RT2	3	1.75/5.5	161	176	176	\$8,606.00	\$9,208.00	\$10,984.00	\$16,956.00
	9555	9552	9542	RRT2	3	3.5/11	176	174	174	\$9,902.00	\$10,504.00	\$12,280.00	\$18,252.00



<sup>\*</sup> Not CSA Approved.

## EXTRA CHARGE FOR CM CLASSIC LODESTAR EQUIPPED WITH LATCHLOK HOOKS

	Product Code	Models	Weight (Pounds)	User Price
	1050	A, AA, B, C, F	2	\$262.00
	1052	E&H	2	\$319.00
Upper	1054	J, JJ, L & LL	2	\$262.00
	1056	R & RR	10	\$361.00
	1059	RT & RRT	6	\$448.00
	1051	A, AA, B, C, & F	2	\$262.00
	1053	E&H	2	\$319.00
Lower	1051	J, JJ, L & LL	2	\$262.00
	1057	R* RR	4	\$361.00
	1060	RT & RRT	6	\$592.00

#### CM CLASSIC LODESTAR PROTECTION KIT

Product Code	Models	Weight (Pounds)	User Price
2876	A, A2	5	\$284.00
2877	AA, AA2	5	\$284.00
2878	B, B2, E, E2	4	\$284.00
2879	C, C2	5	\$284.00
2880	F, F2, H, H2	5	\$284.00
3601	J, J2	8	\$410.00
3602	JJ, JJ2	8	\$511.00
3603	L, L2, R, R2, RT, RT2	9	\$410.00
3604	LL, LL2, RR, RR2, RRT, RRT2	9	\$511.00

#### CM CLASSIC LODESTAR PROTECTIVE COVERS

Product Code	Fits Models	User Price
2704	V1 – Models A – F, E & H	\$136.00
3514	V2 - Models J - RRT	\$148.00

## CM CLASSIC & NEXT GENERATION LODESTAR METAL CHAIN CONTAINERS COMPLETE

	+ Bucket		Maximum Length of Lift (Ft.)					
Product Code	Length (Inches)	th (Bounds)	Models A, AA, B, C & F	Models E & H	Models J, JJ, L & LL	Models R & RR	Models RT & RRT	User Price
2450	8	4	10	-	-	-	-	\$136.00
2451	11	5	20	10	10	-	-	\$138.00
2452	14	5	30	15	15	-	-	\$150.00
2453	17	6	40	20	20	10	-	\$162.00
2454	20	7	50	25	25	-	-	\$171.00
2455	23	7	60	30	30	15	10	\$191.00
2456	31	9	90	45	40	20	-	\$224.00
2457	36	10	100	50	60	30	20	\$275.00
2458	48	13	140	*70	90	45	30	\$578.00
2461	10	13	44	22	20	14	9	\$737.00
2463	15	15	104	52	66	33	22	\$780.00
2464	20	17	166	83	106	53	35	\$809.00
2465	25	20	230	115	144	72	48	\$831.00
2466	30	23	290	145	150	90	60	\$849.00

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

NOTE: Chain Containers will adapt to Classic and New Lodestars.

#### CM LOW HEADROOM TROLLEY (SERIES 635)\*

Product Code	Maximum Capacity (Tons)		CSA Approved Model	Weight (Pounds)	User Price
3575	1/8 to 1	A through LL	No	23	\$570.00
3569	2	R through RR	No	52	\$1,029.00
9576	3	RT through RRT	No	80	\$1,610.00
3456	1/8 to 1	A through LL	Yes	23	\$736.00
3459	2	R through RR	Yes	52	\$1,194.00
9575	3	RT through RRT	Yes	80	\$1,776.00

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

# CM CLASSIC LODESTAR MOTOR DRIVEN TROLLEY (SERIES 635)\* 75 FPM & 30 FPM

Produc	Product Code Maximum		CSA Power		Weight (I	User Price	
75 FPM	30 FPM	Capacity (Tons)	Approved Model	Supply	75 FPM	30 FPM	User Price
3670	9315	1/8 to 2	No	115-1-60	118	113	\$5,579.00
3671	9316	1/8 to 2	No	230-3-60	118	116	\$5,579.00
3672	9317	1/8 to 2	No	460-3-60	118	117	\$5,579.00
9577	9318	3	No	115-1-60	120	118	\$6,649.00
9578	9319	3	No	230-3-60	120	118	\$6,649.00
9579	9320	3	No	460-3-60	123	119	\$6,649.00
3449	3448	1/8 to 2	Yes	115-1-60	118	113	\$6,678.00
3451	3450	1/8 to 2	Yes	230-3-60	118	116	\$6,678.00
3453	3452	1/8 to 2	Yes	460-3-60	118	117	\$6,678.00
3455	3454	1/8 to 2	Yes	575-3-60	120	118	\$6,678.00
9568	9567	3	Yes	115-1-60	120	118	\$7,748.00
9570	9569	3	Yes	230-3-60	123	119	\$7,748.00
9572	9571	3	Yes	460-3-60	123	119	\$7,748.00
9574	9573	3	Yes	575-3-60	123	119	\$7,748.00

<sup>\*</sup> 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. Standard P.B. drop is 16'3" on MDT.

#### CM CLASSIC LODESTAR MOTOR DRIVEN TROLLEY EXTRAS

Description	User Price
Power Cord (standard 2'6") price per ft. of extra length	\$10.30
Control Cord (standard 16'3") price per ft. for extra drop	\$10.30
Trolley Brake — on new units add	\$909.00
Eye Type Suspension Adapter (2 Ton Maximum) Hook Suspension Hoists add (Code 36653)	\$386.00
Weatherproofing (MDT only)	\$129.00
Acid Resistant (MDT only)*	N/C
Two-Speed Control MDT (3 Phase only)	\$1,820.00
Thermal Switch (Klixon) in Trolley Motor	\$85.00
2-Step Infinitely Variable Frequency Control	\$1,872.00
3-Step Push Buttons (per pair)	\$283.00

<sup>\*</sup> Trolley furnished with acid-resisitant powder coat paint. Contact factory for harsh acid environment applications.

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).



<sup>+</sup> Advise if bucket length causes headroom problems—larger diameter shorter length buckets available.

<sup>\*</sup> E & H limit switch maximum is 60'

## CM CLASSIC LODESTAR ELECTRIC HOIST MODIFICATION CHARGES

Begin with standard 10' Lift and add extra charges

Voltage	Models	Extra Chain Per Foot of Lift	Extra Control Cord Per Foot
	A-AA-B-C-F	\$23.50	
	E-H	\$47.00	
115-1-60 or 230/460-3-60	J-JJ-L-LL	\$30.70	\$10.30
	R-RR	\$61.40	
	RT-RRT	\$92.10	

## CM CLASSIC LODESTAR ELECTRIC HOIST SUSPENSIONS

	Product Code	Models	Weight (Pounds)	User Price
	2788	A-AA-B-C-F	2	\$94.00
	2789	E-H	4	\$153.00
Rigid Hook	3651	J-L-JJ-LL	4	\$133.00
	3658	R-RR	8	\$206.00
	9559	RT-RRT	7	\$602.00
Rigid Latchlok	2790	A-AA-B-C-F	3	\$349.00
Hook	3652	J-L-JJ-LL	5	\$386.00
	2792	A-AA-B-C-F	2	\$94.00
	2793	E-H	4	\$153.00
Swivel Hook	3661	J-L-JJ-LL	4	\$133.00
	3660	R-RR	8	\$206.00
	9557	RT-RRT	7	\$602.00
	2796	A-AA-B-C-F	3	\$349.00
Swivel Latchlok Hook	3662	J-L-JJ-LL	5	\$386.00
HOOK	3663	R-RR	9	\$557.00
	2778	A-AA-B-C-F	2	\$94.00
5: :11 ( )	2779	E-H	3	\$153.00
Rigid Lug for Low Headroom Trolley	3677	J-L-JJ-LL	4	\$133.00
ricadiooni froncy	3668	R-RR	6	\$206.00
	9561	RT-RRT	5	\$602.00
	2992	A-AA-B-C-F	2	\$140.00
	2993	E-H	3	\$212.00
Rigid Lug for Motor Driven Trolley	3679	J-L-JJ-LL	4	\$203.00
Dilveil Holley	3668	R-RR	6	\$206.00
	9561	RT-RRT	5	\$602.00

# EXTRA CHARGE FOR CM LODESTAR EQUIPPED WITH LATCHLOK HOOKS

	Product Code	Models	Weight (Pounds)	User Price
	1050	A, AA, B, C, F	2	\$262.00
	1052	E&H	2	\$319.00
Upper	1054	J, JJ, L & LL	2	\$262.00
	1056	R & RR	10	\$361.00
	1059	RT & RRT	6	\$448.00
	1051	A, AA, B, C, & F	2	\$262.00
	1053	E&H	2	\$319.00
Lower	1051	J, JJ, L & LL	2	\$262.00
	1057	R & RR	4	\$361.00
	1060	RT & RRT	6	\$592.00

#### CM CLASSIC LODESTAR ELECTRIC HOIST EXTRAS

Description	User Price
Weatherproofing (Hoist Only)	N/C
Acid Resistant (Hoist Only)*	N/C
Power Cord Strain Relief	\$100.00
Extra Power Cord (Standard Length: 15')	\$10.30
Extra Control Cord (Standard Length: 4' Less than Lift)	\$10.30
Acid Resistant Low Headroom Trolley*	N/C
Thermal Switch (Klixon) in Hoist Motor	\$85.00

<sup>\*</sup> Hoist & Trolley furnished with acid-resisitant powder coat paint, plated load chain & painted hooks as standard. Contact factory for harsh acid environment applications.

# CM LODESTAR ELECTRIC HOIST FABRIC CHAIN CONTAINERS\*\*

Product	+ Bucket	Maximum Length of Lift (Ft.)					Weight	User
Code	Length (Inches)	Models A, AA, B, C & F	Models E & H	Models J, JJ, L & LL	Models R & RR	Models RT & RRT	(Pounds)	Price
3813PNH	8	10	_	_	_	_	4	\$101.00
3814PNH	11	20	10	10	-	_	5	\$101.00
3810PNH	14	30	15	15	_	_	5	\$109.00
3815PNH	17	40	20	20	10	-	6	\$115.00
3816PNH	20	50	25	25	_	_	7	\$147.00
3811PNH	23	60	30	30	15	10	7	\$150.00
3817PNH	31	90	45	40	20	_	9	\$157.00
3812PNH	36	100	50	60	30	20	10	\$281.00
3818PNH	48	140	*70	90	45	30	13	\$590.00

<sup>\*\*</sup> Fabric Chain Containers included on all New Lodestar models up to 20' Lift. Fabric Chain Containers will adapt to both Classic and New Lodestars.

#### RRS CHAIN CONTAINERS

	DONTAINENS			
Product Code	Bucket Length (Inches)	Weight (Pounds)	Maximum Length of Lift (Ft.)	User Price
Canvas				
10001562	10	4	20	\$260.00
10001568	13	4.1	30	\$279.00
10001569	16	4.2	40	\$306.00
10001570	18	4.3	50	\$420.00
10001571	20	4.4	60	\$535.00
Metal				
10001563	10	12.4	33	\$511.00
10001564	15	15.7	50	\$530.00
10001565	20	19	80	\$550.00
10001566	25	22.4	105	\$574.00
10001567	30	25.7	130	\$612.00

Fabric Chain Containers included on all New Lodestar models up to 20' Lift.



**POWERED HOISTS, TROLLEYS & CRANE KITS** 

# ELECTRIC CHAIN HOISTS

SECTION CONTENTS: CM RAILSTAR

RAILSTAR

## RAILSTAR MOTOR DRIVEN TROLLEY

Capacity (Tons)*	Product Code	Travel Speed (FPM)	Power Supply	Standard Beam Height (Inches)	Standard Flange Width (Inches)	Weight (Pounds)	User Price
1/8 to 2	0300	78	230/460-3-60	6 to 18	3-3/8 to 6	108	\$4,247.00
1/8 to 2	0301	78	115-1-60	6 to 18	3-3/8 to 6	107	\$4,247.00
3	0302	78	230/460-3-60	8 to 24	4 to 7	185	\$5,022.00
3	0303	78	115-1-60	8 to 24	4 to 7	184	\$5,022.00

Imported.



<sup>\*</sup> Metric Rated

**SECTION CONTENTS:** 

BUDGIT MAN GUARD MOTOR DRIVEN TROLLEY

MAN GUARD



## **BUDGIT** 1-SPEED MOTOR DRIVEN TROLLEYS (FOR BUDGIT MAN GUARD)

FOR 1- OR TWO-SPEED HOISTS.

#### **SINGLE-SPEED TROLLEY**

Capacity (Tons)	Catalog Number	Standard Flange Width Adjustment (Inches)	Maximum Flange Thickness (Inches)	Minimum Beam Depth (Inches)	Minimum Radius Curve (Ft.)	Motor HP	Trolley Speed (FPM)	Weight (Pounds)	User Price
1/4 to 1	MDT01-*	3 to 5	15/16	6	3	1/4	75	85	\$5,120.00
2	MDT02-*	3-5/8 to 6	1	6	5	1/4	60	95	\$5,220.00
3	MDT03-*	4 to 6-1/4	1	6	5	1/4	50	140	\$6,396.00
5 to 6	MDT06-*	4 to 6-1/4	1-1/8	8	6	1/2	50	190	\$7,183.00
7-1/2	MDT07-*	4 to 6-1/4	1-1/8	8	6	1/2	50	190	\$7,183.00

Standard pendant drop is 7'-0", specify if longer length is required.

Specify 1 or 2 speed Hoist when ordering. Specif nonstandard requirements.

#### \*Trolley Primary Voltage

#### \*Trolley Control Voltage

1 = 115/230 V (1-Speed)

2 = 230 V (Two-Speed

3 = 230/460 V (1-Speed)

5 = 250/400 V (TrSpeed) 4 = 460 V (Two-Speed) 5 = 575 V (1-Speed) 6 = 575 V (Two-Speed) 7 = 200/208 V (1-Speed) 8 = 200/208 V (Two-Speed)

9 = 230 V (VFC)

10 = 460 V (VFC)

#### 115 V - standard, 24V - no-charge, Option, on 3 phase units

#### **THREE PHASE ONLY**

	Optional	Speeds		Optional Beam Flange Width Adjustment					
a 25	Standard No	Specia	l Speeds		Standard	Extended	Adjustment – V	Vith Price Add to Standard	
Capacity (Tons)	Charge Speeds (FPM)	(FPM)	User Price	Capacity (Tons)	Flange Adjustment (Inches)  1st Extension Flange Adjustment (Inches)	User Price	2nd Extension Flange Adjustment (Inches)	User Price	
1/4 to 1	50, 75, 100	25, 150	\$126.00	1/4 to 1	3 to 5	5-1/8 to 7-1/4	\$182.00	7-1/2 to 9-1/8	\$233.00
2	40, 60, 80	30, 120	\$250.00	2	3-5/8 to 6	6-1/4 to 8-5/8	\$182.00	8-7/8 to 11-1/4	\$233.00
3	40, 50, 75, 100	25, 125	\$630.00	3	4 to 6-1/4	6-3/8 to 8-5/8	\$229.00	8-3/4 to 11	\$303.00
5 to 6	50,80	25	\$630.00	5 to 6	4 to 6-1/4	6-3/8 to 8-5/8	\$229.00	8-3/4 to 11	\$303.00
7-1/2	50,80	25	\$630.00	7-1/2	4 to 6-1/4	6-3/8 to 8-5/8	\$229.00	8-3/4 to 11	\$303.00



# BUDGIT MAN GUARD TROLLEY OPTIONS & ACCESSORIES

Push-Button Stations (Trolley)	User Price
Two extra Single Speed Buttons, add	\$81.00
Two extra Two Speed Buttons, add	\$111.00
Stop-Start Buttons, add	\$81.00
Stop-Start Buttons – maintained, add	\$111.00
To delete 4-Button Push Button Stations and Cable Assembly, deduct	\$81.00
Fuse Panel	
A fuse panel with both Hoist and Trolley power circuit fuses for overcurent protection	\$603.00
Mainline Disconnect Panel	
A mainline contactor panel for applications requiring disconnect – to be mounted on Trolley. Controlled by Stop-Start Buttons included in Push Button station. Panel including Hoist and Trolley fusing, add	\$1,375.00
Electrical Adapter Kits	
The following field conversion electrical adaptor kits are required when it is modify existing Lug Mount Push Button Hoists – Lug Mount for motor-driv	

Catalog	Electrical Power	Price
901821	115/230 volt, 1 phase, 60 Hertz AC	\$113.00
901823	All voltages, 3 phase, 60 Hertz AC S.s, 2 speed	\$142.00

#### **RETRACTILE CORD**

Catalog Number	Description	User Price
903999	3 Conductor #14AWG	\$465.00
904000	4 Conductor #14AWG	\$646.00

Retractile power cords keep power cable from dragging. Neoprene jacketed. Retracted length  $4^{\circ}0^{\circ};$  extended length  $20^{\circ}0^{\circ}.$ 

Patented Track — 3-1/4"	User Price
Narrow flat tread steel wheels. Note: Trolley will not negotiate switches. Trolley Capacity: 1/4 – 7-1/2 Ton, add	\$749.00
Stainless Steel Wheels	
Motorized Trolley Capacity 1/4 – 3 Ton, add	\$3,974.00
Two-Speed Trolleys	
Available on all 3-phase models, all speeds, 3 to 1 speed ratio, add	\$780.00
Trolley Brake	
Motor Mounted	\$954.00
Push-button Cable	
For longer than standard 7' drop, add	\$10.30/Foot
Power Supply Cable	
For longer than standard 3' length, add	\$10.30/Foot
Weatherproofing (Trolley)	
NEMA 4 – Watertight and disttight enclosures for indoor and outdoor services, add	\$3,181.00
NEMA 4X Stainless Steel, add	\$6,127.00
Electronic Acceleration Control for Soft Start (230/460 3 ph	ase only)
Single-Speed	\$819.00
Two-Speed	\$1,034.00
Drop Stops (safety lugs) and bumpers	
Drop Stops (steel only) for plain and geared Trolley	\$595.00
Drop Stops with Rubber Bumpers — Plain and Geared Trolley	\$1,193.00
Drop Stops with Rubber Bumpers — Motorized Trolley	Standard
Mounting Hoist – Motor Driven Trolley	\$571.00

#### **CORD REELS**

								Crane & F	loist Motors			
Catalog Number	Number of Collector Rings	Number & Size of Wires	Length (Ft.)	AMP Rating @ 600 VAC	Standard Guide Rollers	Standard Pivot Base		Maximur	n HP Rating		Weight (Pounds)	User Price
	Kiiigo	Wiles		OUD TAG	Roners		115-1-60	203-1-60	230-3-60	440-2 or 3-60		
234781-22	4	4 - #16	20	8	Yes	No	1/2	1	3	5	33.5	\$1,658.00
234781-23	4	4 - #16	30	8	Yes	No	1/2	1	3	5	35	\$1,678.00
234781-25	4	4 - #16	50	8	Yes	No	1/2	1	3	5	38	\$1,765.00
234781-42	4	4 - #14	20	12	Yes	No	1 1/2	3	5	10	34.9	\$1,669.00
234781-43	4	4 - #14	30	12	Yes	No	1 1/2	3	5	10	37.1	\$1,719.00
234781-45	4	4 - #14	45	12	Yes	No	1 1/2	3	5	10	41.5	\$1,828.00

P/N 234781-99 340° Pivot Base (Optional) - **\$514.00** List.

 $\textbf{NOTE:} \ \text{Reel Ampacity is based on using reels with short-time rated Crane \& Hoist motors.}$ 



SECTION CONTENTS: CM LODESTAR XL

LODESTAR XL

# NOT CSA APPROVED

## **CM** LODESTAR XL ELECTRIC CHAIN HOIST

Capacity	+Product Code	Speed Slow/Fast	Makasulib	Bi.	User Price	User Price with Type of Trolley		Trolley
(Tons)	230/460-3-60	(FPM)	Motor HP	Reeving	with Hook	Plain	Geared	Motor Driven
	5201	18	3.5	1	\$12,430.00	\$13,979.00	\$14,789.00	\$18,582.00
	5204	24	3.5	1	\$13,485.00	\$15,066.00	\$15,876.00	\$19,669.00
2	5265	30	5.5	1	\$14,528.00	\$16,140.00	\$16,950.00	\$20,743.00
	-	6/18	3.5	1	\$13,213.00	\$14,785.00	\$15,595.00	\$19,388.00
	_	8/24	3.5	1	\$14,271.00	\$15,875.00	\$16,685.00	\$20,478.00
	5209	9	3.5	2	\$13,654.00	\$15,703.00	\$16,826.00	\$20,774.00
	5212	12	3.5	2	\$14,623.00	\$16,701.00	\$17,824.00	\$21,772.00
3	5267	15	3.5	2	\$15,592.00	\$17,699.00	\$18,822.00	\$22,770.00
	_	3/9	3.5	2	\$14,268.00	\$16,335.00	\$17,458.00	\$21,406.00
	-	4/12	3.5	2	\$15,237.00	\$17,333.00	\$18,456.00	\$22,404.00
	5215	9	3.5	2	\$14,125.00	\$16,334.00	\$18,382.00	\$22,082.00
	5218	12	3.5	2	\$14,389.00	\$16,606.00	\$18,654.00	\$22,354.00
4	5269	15	5.5	2	\$14,652.00	\$16,877.00	\$18,925.00	\$22,625.00
	-	3/9	3.5	2	\$15,653.00	\$17,908.00	\$19,956.00	\$23,656.00
	_	4/12	3.5	2	\$15,914.00	\$18,176.00	\$20,224.00	\$23,924.00
	5221	6	3.5	3	\$14,823.00	\$17,356.00	\$18,815.00	\$22,232.00
	5224	8	3.5	3	\$15,528.00	\$18,082.00	\$19,541.00	\$22,958.00
	5279	9	3.5	2	\$16,236.00	\$18,811.00	\$20,270.00	\$23,687.00
	5283	12	5.5	2	\$16,939.00	\$19,535.00	\$20,994.00	\$24,411.00
5	5285	15	5.5	2	\$17,644.00	\$20,261.00	\$21,720.00	\$25,137.00
	_	2/6	3.5	3	\$16,593.00	\$19,179.00	\$20,638.00	\$24,055.00
	_	2.7/8	3.5	3	\$17,353.00	\$19,962.00	\$21,421.00	\$24,838.00
	_	3/9	3.5	2	\$18,109.00	\$20,740.00	\$22,199.00	\$25,616.00
	5227	6	3.5	3	\$17,720.00	\$20,405.00	\$21,908.00	\$25,434.00
	5230	8	3.5	3	\$18,521.00	\$21,230.00	\$22,733.00	\$26,259.00
6	5287	10	5.5	3	\$19,325.00	\$22,058.00	\$23,561.00	\$27,087.00
ŭ	-	2/6	3.5	3	\$19,550.00	\$22,290.00	\$23,793.00	\$27,319.00
	_	2.7/8	3.5	3	\$20,412.00	\$23,177.00	\$24,680.00	\$28,206.00
	5289	6	3.5	3	-	\$21,798.00	\$23,360.00	\$27,026.00
7-1/2	5291	10	5.5	3	_	\$22,365.00	\$23,926.00	\$27,595.00
/ 1/2	J291 —	2/6	3.5	3	_	\$24,198.00	\$25,788.00	\$29.520.00

All units shown contain 10' Lift.

For Two Speed units, use Single Speed product code and specify "Two Speed."

Specify exact voltage requirements – standard voltages are 230 or 460-3-60.

<sup>+</sup> Add suffix to product code: H for Hook Suspension, P for Plain Trolley, G for Geared Trolley or M for Motor Driven Trolley (hook suspension is available on 7 1/2 Ton capacity.)

## LODESTAR XL ELECTRIC CHAIN HOIST OPTIONS & ACCESSORIES

#### **LODESTAR XL HOIST OPTIONS**

Description	User Price
Power Cord (Standard 2'6")	\$10.30
Control Cord (Hook and Lug mount only – 6' Standard)	\$10.30
Hand Chain for Geared Trolley (Standard 8' of drop)	\$25.30
Hoist Weatherproofing (NEMA 3R)	\$320.00
Acid Protection (Hoist Only)	N/C
Acid Protection (Hoist & Trolley)	\$318.00
Control Circuit (24 or 48 volt) (Hoist)	\$306.00
Thermal Overload Protection	
Klixon Add for first relay Add for each additional relay (for Two Speed)	Standard \$1786.00 \$892.00
Special Power Supply	
380-3-50 575-3-60	N/C <b>\$386.00</b>

#### MAXIMUM LIFT THAT STANDARD FACTORY INSTALLED LIMIT **SWITCHES WILL ALLOW**

Capacity (Tons)	Speed (FPM)	Reeving	Standard Switch (Ft.) (N/C)	Long Lift Switch (Ft.) \$158.00	
		18	120	152	
2	Single	24	130	165	
		30	212	269	
		9	60	76	
3		12	64	82	
		15	106	134	
	2-part	9	60	76	
4		12	64	82	
		15	106	134	
		9	60	76	
		12	65	82	
5		15	106	134	
		6	40	50	
		8	43	55	
		6	40	50	
6	3-part	8	43	55	
		10	71	89	
7-1/2		6 40		50	
7-1/2		10	71	89	

#### **CHAIN**

Unplated Chain — Additional Lift Over 10', Add	User Price
Additional Lift Over Standard 10 ' – add per foot:	
2 Ton − 1 Part Reeving	\$51.45
3, 4, 5 Ton – 2 Part Reeving	\$102.90
5, 6, 7-1/2 Ton - 3 Part Reeving	\$154.35

Plated Chain — Additional Lift Over 10', Add	User Price
Additional Lift Over Standard 10' – add per foot:	
2 Ton - 1 Part Reeving	\$52.50
3, 4, 5 Ton − 2 Part Reeving	\$105.00
5, 6, 7-1/2 Ton - 3 Part Reeving	\$157.50

#### **XL HOIST CHAIN CONTAINERS**

Decdust	Bucket	Maximum Lift (Ft.)		Maximum Lift (Ft.)					
Product Code	Length (Inches)	Weight (Pounds)	1 Part 2 Ton	2 Part 3, 4, 5 Ton	3 Part 6, 7-1/2 Ton	User Price			
5241	10	12	27	14	9	\$1,005.00			
5281	15	16	50	25	17	\$1,019.00			
5242	20	20	73	36	24	\$1,074.00			
5282	25	23	95	48	32	\$1,101.00			
5243	30	26	118	59	39	\$1,133.00			

#### **2 TON TROLLEY OPTIONS**

Description	User Price
Control Circuit (24 or 48 volt) (Trolley)	\$106.00
<b>Special Power Supply</b> 380-3-50 575-3-60	Standard \$386.00
Two Extra Single-Speed Buttons	\$450.00
Two Extra Two-Speed Buttons	\$550.00
On / Off (for mainline disconnect)	\$456.00
Mushroom Stop	\$446.00
Key Selector	Apply
3-Position Selector	Apply
<b>Flange Adjustment</b> (Standard S6 x 12.5 x 3-3/8" through S15 x 42.9 x 5-1/2")	Standard
S Beam over 5-1/2" through 7-5/8" Wide Flange over 5-5/16" through 7-7/16"	\$324.00
S Beam over 7-5/8" through 8" Wide Flange over 7-7/16" through 9-9/16"	\$689.00
Two-Speed Adder	Apply
Trolley Brake (2 Ton)	\$681.00
Trolley Weatherproofing (NEMA 3R)	Standard

#### **3 TO 7-1/2 TON TROLLEY OPTIONS**

Description	User Price
Flat tread wheels for patented track (will not negotiate switches)	\$734.00
2 Speed Trolley Adder (3:1 ratio)	\$761.00
Trolley Brake	\$932.00
Weatherproofing (MDT)	\$602.00
Ballast Resistor	\$689.00
Mainline Disconnect Panel	\$1,628.00
Fuse Panel for over current protection	\$590.00
Flange adjustment (standard 4" through 6-1/4")	\$224.00
Over 6-3/8" through 8-5/8" Over 8-3/4" through 11"	\$320.00

# EXTRA CHARGE FOR LODESTAR XL HOIST WITH UPPER/LOWER LATCHLOK HOOK

Description	User Price
2 Ton Lower	\$540.00
2 Ton Upper	\$434.00
3 through 6 Ton Lower	\$1,111.00
3 through 6 Ton Upper	\$1,069.00



**POWERED HOISTS, TROLLEYS & CRANE KITS** 

# ELECTRIC CHAIN HOISTS

SECTION CONTENTS: CM POWERSTAR

POWERSTAR

## POWERSTAR ELECTRIC CHAIN HOIST (SERIES 670)

SINGLE-SPEED / STANDARD LIFT 20'

For Lifts other than Standard, begin with 20' Lift and add extra charges as listed below.

Capacity	Produ	Product Code	Hoist Lifting	MDT Speed	II dia IID			User Price			
(Tons)	230-3-60	460-3-60	Speed (FPM)	(FPM)	Hoist HP	Reeving	Lug	Plain Trolley	* Geared Trolley	Motor Driven Trolley	
	7300	7301	20		5		\$24,506.00	\$27,116.00	\$28,512.00	\$34,375.00	
	7001	7002	24	65 or 100	5		\$24,506.00	\$27,116.00	\$28,512.00	\$34,375.00	
2	7304	7305	32		5	1	\$26,443.00	\$29,111.00	\$30,507.00	\$36,370.00	
	7005	7006	40		5		\$26,443.00	\$29,111.00	\$30,507.00	\$36,370.00	
	7308	7309	48		7.5		\$29,047.00	\$31,793.00	\$33,189.00	\$39,052.00	
	7312	7313	20		5		\$26,082.00	\$31,072.00	\$31,388.00	\$37,200.00	
•	7009	7010	24		5		\$26,082.00	\$31,072.00	\$31,388.00	\$37,200.00	
3	7316	7317	32	50	7.5	1	\$27,235.00	\$32,260.00	\$32,576.00	\$38,388.00	
	7013	7014	40		7.5		\$27,235.00	\$32,260.00	\$32,576.00	\$38,388.00	
	7320	7321	10		5		\$28,241.00	\$33,296.00	\$33,612.00	\$39,424.00	
	7324			\$28,241.00	\$33,296.00	\$33,612.00	\$39,424.00				
4	7328	7329	16	50	5	2	\$28,241.00	\$33,296.00	\$33,612.00	\$39,424.00	
•	7332	7333	20	30	7.5	_	\$29,211.00	\$34,295.00	\$34,611.00	\$40,423.00	
	7336	7337	24		7.5		\$29,211.00	\$34,295.00	\$34,611.00	\$40,423.00	
	7340	7341	10		5		\$28,241.00	\$33,296.00	\$33,612.00	\$39,424.00	
	7344	7345	12	50	5	2	\$28,241.00	\$33,296.00	\$33,612.00	\$39,424.00	
5	7029	7030	16		5		\$28,241.00	\$33,296.00	\$33,612.00	\$39,424.00	
3	7348	7349	20		7.5		\$29,211.00	\$34,295.00	\$34,611.00	\$40,423.00	
	7017	7018	24		7.5		\$29,211.00	\$34,295.00	\$34,611.00	\$40,423.00	
	7352	7353	10		5		\$28,631.00	\$33,698.00	\$34,014.00	\$39,826.00	
	7052	7053	12		5		\$28,631.00	\$33,698.00	\$34,014.00	\$39,826.00	
6	7356	7357	16	50	7.5	2	\$29,811.00	\$34,913.00	\$35,229.00	\$41,041.00	
	7056	7057	20		7.5		\$29,811.00	\$34,913.00	\$35,229.00	\$41,041.00	
	7360	7361	7		5		\$40,915.00	\$42,142.00	\$44,327.00	\$49,828.00	
	7364	7365	8		5		\$40,915.00	\$42,142.00	\$44,327.00	\$49,828.00	
7-1/2	7368	7369	11	35	5	3	\$40,915.00		\$44,327.00	\$49,828.00	
7-1/2	7372	7309	14	33	7.5	3	\$40,915.00	\$42,142.00 \$43,144.00	\$44,327.00	\$50,830.00	
		7377	16		7.5						
	7376						\$41,887.00	\$43,144.00	\$45,329.00	\$50,830.00	
	7380	7381	7		5		\$44,538.00	\$45,874.00	\$48,059.00	\$53,560.00	
9	7384	7385	8	35	5	3	\$44,538.00	\$45,874.00	\$48,059.00	\$53,560.00	
	7388	7389	11		7.5		\$45,428.00	\$46,791.00	\$48,976.00	\$54,477.00	
	7392	7393	13		7.5		\$45,428.00	\$46,791.00	\$48,976.00	\$54,477.00	
	7396	7397	7		5		\$44,708.00	\$46,049.00	\$48,234.00	\$53,735.00	
10	7400	7401	8	35	5	3	\$44,708.00	\$46,049.00	\$48,234.00	\$53,735.00	
	7404	7405	11		7.5		\$45,681.00	\$47,051.00	\$49,236.00	\$54,737.00	
	7408	7409	13		7.5		\$45,681.00	\$47,051.00	\$49,236.00	\$54,737.00	
	7428	7429	4		5		\$60,205.00			\$69,697.00	
15	7432	7433	5	35	5	5	\$60,205.00			\$69,697.00	
10	7436	7437	6	- 00	7.5	Ü	\$60,879.00			\$70,391.00	
	7440	7441	8		7.5		\$60,879.00			\$70,391.00	

<sup>\*</sup> Includes hand chain drop for standard 20' Lift.

Extra Hand Chain for geared Trolley per foot of drop - \$28.70.

# EXTRA CHARGE FOR CM POWERSTAR HOISTS EQUIPPED WITH LATCHLOK LOWER HOOK (NOT AVAILABLE OVER 6 TON)

Capacity (Tons)	Product Code	User Price
2 & 3 Ton	1083	\$508.00
4 through 5 Ton	1084	\$802.00



# POWERSTAR ELECTRIC CHAIN HOIST (SERIES 670) TWO-SPEED / STANDARD 20' LIFT

When ordering specify code number(s), capacity, speed, lift, power supply, suspension, and beam size. Standard power supply 230-3-60 or 460-3-60 – apply for other voltages not covered in User Extra Prices.

Capacity	Product Code		Hoist Lifting		Heist HD Desvins	User Price				
(Tons)	230-3-60	460-3-60	Speed (FPM)	(FPM)	Hoist HP	Reeving	Lug	Plain Trolley	* Geared Trolley	Motor Driven Trolley
	7302	7303	20/7	65 or 100	5/1.7		\$29,506.00	\$32,116.00	\$33,512.00	\$39,375.00
	7003	7004	24/8		5/1.7		\$29,506.00	\$32,116.00	\$33,512.00	\$39,375.00
2	7306	7307	32/11		5/1.7	1	\$31,443.00	\$34,111.00	\$35,507.00	\$41,370.00
	7007	7008	40/13		5/1.7		\$31,443.00	\$34,111.00	\$35,507.00	\$41,370.00
	7310	7311	48/16		7.5/2.5		\$35,047.00	\$37,793.00	\$39,189.00	\$45,052.00
	7314	7315	20/7	50	5/1.7		\$31,082.00	\$36,072.00	\$36,388.00	\$42,200.00
3	7011	7012	24/8		5/1.7	1	\$31,082.00	\$36,072.00	\$36,388.00	\$42,200.00
3	7318	7319	32/11	50	7.5/2.5	'	\$33,235.00	\$38,260.00	\$38,576.00	\$44,388.00
	7015	7016	40/13		7.5/2.5		\$33,235.00	\$38,260.00	\$38,576.00	\$44,388.00
	7322	7323	10/3		5/1.7		\$33,241.00	\$38,296.00	\$38,612.00	\$44,424.00
	7326	7327	12/4		5/1.7		\$33,241.00	\$38,296.00	\$38,612.00	\$44,424.00
4	7330	7331	16/5	50	5/1.7	2	\$33,241.00	\$38,296.00	\$38,612.00	\$44,424.00
	7334	7335	20/7		7.5/2.5		\$35,211.00	\$40,295.00	\$40,611.00	\$46,423.00
	7338	7339	24/8		7.5/2.5		\$35,211.00	\$40,295.00	\$40,611.00	\$46,423.00
	7342	7343	10/3		5/1.7		\$33,241.00	\$38,296.00	\$38,612.00	\$44,424.00
	7346	7347	12/4		5/1.7		\$33,241.00	\$38,296.00	\$38,612.00	\$44,424.00
5	7031	7032	16/5	50	5/1.7	2	\$33,241.00	\$38,296.00	\$38,612.00	\$44,424.00
	7350	7351	20/7		7.5/2.5		\$35,211.00	\$40,295.00	\$40,611.00	\$46,423.00
	7019	7020	24/8		7.5/2.5		\$35,211.00	\$40,295.00	\$40,611.00	\$46,423.00
	7354	7355	10/3		5/1.7		\$33,631.00	\$38,698.00	\$39,014.00	\$44,826.00
	7054	7055	12/4		5/1.7		\$33,631.00	\$38,698.00	\$39,014.00	\$44,826.00
6	7358	7359	16/5	50	7.5/2.5	2	\$35,811.00	\$40,913.00	\$41,229.00	\$47,041.00
	7058	7059	20/7		7.5/2.5		\$35,811.00	\$40,913.00	\$41,229.00	\$47,041.00
	7362	7363	7/2		5/1.7		\$45,915.00	\$47,142.00	\$49,327.00	\$54,828.00
	7366	7367	8/3		5/1.7		\$45,915.00	\$47,142.00	\$49,327.00	\$54,828.00
7-1/2	7370	7371	11/4	35	5/1.7	3	\$45,915.00	\$47,142.00	\$49,327.00	\$54,828.00
, ,,_	7374	7375	14/5		7.5/2.5		\$47,887.00	\$49,144.00	\$51,329.00	\$56,830.00
	7378	7379	16/5		7.5/2.5		\$47,887.00	\$49,144.00	\$51,329.00	\$56,830.00
	7382	7383	7/2		5/1.7		\$49,538.00	\$50,874.00	\$53,059.00	\$58,560.00
	7386	7387	8/3		5/1.7		\$49,538.00	\$50,874.00	\$53,059.00	\$58,560.00
9	7390	7391	11/4	35	7.5/2.5	3	\$51,428.00	\$52,791.00	\$54,976.00	\$60,477.00
	7394	7395	13/4		7.5/2.5		\$51,428.00	\$52,791.00	\$54.976.00	\$60.477.00
	7394	7399	7/2		5/1.7		\$49,708.00	\$51,049.00	\$53,234.00	\$58,735.00
	7402	7403	8/3		5/1.7		\$49,708.00	\$51,049.00	\$53,234.00	\$58,735.00
10	7402	7407	11/4	35	7.5/2.5	3	\$51.681.00	\$53,051.00	\$55,236.00	\$60,737.00
	7410	7407	13/4		7.5/2.5		\$51,681.00	\$53,051.00	\$55,236.00	\$60,737.00
	7410	7411	4/1		5/1.7		\$65,205.00	933,031.00	900,200.00	\$74,697.00
	7434	7431	5/1.5		5/1.7		\$65,205.00			\$74,697.00
15	7434	7435	6/2	35	7.5/2.5	5	\$66,879.00			\$74,697.00
	7438	7439	8/2.5		7.5/2.5		\$66,879.00			\$76,391.00
	in dron for Standard 3	-	0/ 2.3		1.3/ 2.3		300,073.00			\$70,371.00

<sup>\*</sup> Includes Hand Chain drop for Standard 20' Lift.

Extra Hand Chain for geared Trolley per foot of drop - \$28.70



## POWERSTAR ELECTRIC CHAIN HOIST (SERIES 670)

#### CM POWERSTAR ACCESSORIES - SPECIAL LIFT

For Lifts over 20', begin with Standard 20' Lift and proper suspension plus appropriate extras for limit switches, chain, chain container, power and/or control cord.

No credit allowed for less than Standard 20' Lift.

Voltage	Maximum Lift (Ft.)	Parts of Reeving	Capacity (Tons)	Extra Chain Per Ft. of Lift
		1	2 & 3	\$91.45
230-3-60 or	Refer to Extra Pricing (XTRA-0623)	2	4 to 6	\$182.90
460-3-60		3	7-1/2 to 10	\$274.35
		5	15	\$457.25

#### **CM POWERSTAR EXTRAS**

Description	User Price
Power Cord (Standard Length: 2'6") Price per foot of extra length	\$10.30
Control Cord  (Drop is normally 4' less than Lift unless otherwise specified on order)  Price Per Foot of extra drop*	\$10.30
Trolley Brake	\$845.65
Acid Protective Paint (Hoist Only)	Standard
Hoist with Plain, Geared, of Motor Driven Trolley	\$388.30
Weatherproofing (Standard)	N/C

Refer to user extra prices for options/accessories not included in this standard unit.

#### CM POWERSTAR LONG LIFT CHAIN CONTAINERS - EXTRA CHARGES

Chain Container Up to 20' Lift Included in Hoist Price.

	Ma	ximum Length of Lift (	n Length of Lift (Ft.)			Diameter	Haar Dries
2 & 3 Ton	4 through 6 Ton	7 through 10 Ton	12 Ton	15 Ton	Length (Inches)	(Inches)	User Price
40	-	_	-	-	20	10	\$346.00
60	30	-	-	-	30	10	\$755.00
86	43	_	_	_	40	10	\$1,480.00
-	-	26	-	-	28	14	\$1,710.00
-	-	33	25	_	34	14	\$2,068.00
-	-	54	40	32	48	14	\$2,439.00

Apply for Greater Lifts.



<sup>\*</sup> Includes corresponding external chain strain relief and hardware.









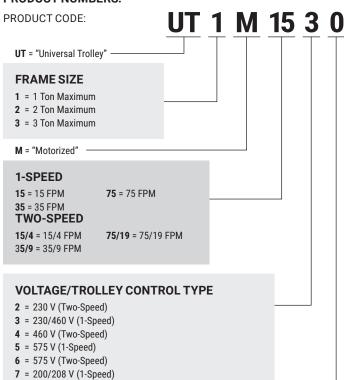
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## UNIVERSAL TROLLEYS

#### Directions for specifying Universal Motor Driven Trolley Model Number:

- 1. Identify what capacity Trolley is needed from chart. UT1 = 1 Ton, UT2 = 2 Ton, UT3 = 3 Ton
- 2. Identify if Trolley Type "0" or Trolley Type "1" is needed from chart referenced below ("HOW TO DETERMINE Trolley TYPE") pending the Hoist brand, reeving & mounting configuration.
- 3. Specify complete model number as referenced in the chart below, including if 1-speed or Two-Speed traverse is required. ("MOTORIZED UT PRODUCT CODES & PRICING").
- 4. Specify any additional features that might be required such as additional pendant drop, additional power cord or rubber bumpers.
- 5. Apply the Trolley pricing to the "lug only" pricing of the respective Hoist it is to be used with.

## HOW TO SPECIFY MOTORIZED UT PRODUCT NUMBERS:



#### **HOW TO DETERMINE TROLLEY TYPE**

	11-1-4	Standard	Trolley	Trolley M	odel Type
Product			Capacity Needed	Cross Mounted	Parallel Mounted
CM Shopstar	All	Cross Mounted	1 Ton (UT1)	0	Not Available
CM Lodestar (Classic) Small Frame	All	Parallel Mounted	1 Ton (UT1)	0	0
	1 Part		2 Ton	1	
CM Lodestar (Classic)	2 Part	Parallel	(UT2)		0
Large Frame	3 Part	Mounted	3 Ton (UT3)	0	O
CM Lodestar (NH Series) Small Frame	All	Parallel Mounted	1 Ton (UT1)	0	0
	1 Part	Parallel		0	0
CM Lodestar (NH Series)	2 Part			U	
Large Frame	3 Part	Mounted	3 Ton (UT3)	1	o l
	1 Part		2 Ton	0	
Budgit BEHC / Yale KELC	2 Part	Cross	(UT2)	U	0
	3 Part	Mounted	3 Ton (UT3)	1	
Coffing JLC	All	Cross Mounted	2 Ton (UT2)	0	0
Coffing EC1 (EC-516, EC-0532, EC-0564,	1 Part		2 Ton	1	
EC-1009, EC-1016, EC-1032,	2 Part	Parallel	(UT2)	0	0
EC-2004, EC-2008, EC-2012, EC-2016, EC-4006, EC-4008, EC-6005)	3 Part	Mounted	3 Ton (UT3)	1	U
Coffing EC3 (EC-2032, EC-2048, EC-4016, EC-4024, EC-6010, EC-6016)	All	Parallel Mounted	3 Ton (UT3)	0	0

#### **TROLLEY TYPE**

0 = Type "0" Trolley

1 = Type "1" Trolley

(See chart to determine Trolley type.)

8 = 200/208 V (Two-Speed)

#### For Mounting Configuration other than standard: Consult factory.

#### PENDANT

Four Button control station included for operating Single or Two Speed Hoist. 16' pendant drop included as standard. For additional drop, please apply \$10.30 list per foot

#### POWER CORD:

1' power cord included on standard model numbers. If longer power cord length is needed, please specify upon order. Up to 10' power cord can be supplied for no additional charge. For additional length beyond 10', please apply \$10.30 list per foot (NOTE: Coffing JLC & Coffing EC chain Hoists are furnished with pendant & power cord assemblies off Hoist as standard. If Trolleys are ordered for field installation with one of these Hoists, the pendant & power cord assemblies will have to be removed, and Hoist wired to universal motorized Trolley.)

#### Trolley GUARDS:

Included as standard equipment. If pre-installed rubber bumpers are also required for plain and geared Trolley, please specify and apply \$124.00 list. Trolley guards with rubber bumpers standard on motorized Trolley.

#### COLLECTOR BAR & BRACKET:

Shipped loose. If required, please specify and apply \$169.00 list.

Two-Speed Trolley CONTROL (4:1):

Specify required Two-Speed traverse and apply \$694.00 list.

#### MOTORIZED UT PRODUCT CODES & PRICING

Capacity	Type "0" Trolley Product Code	Type "1" Trolley Product Code	Speed (FPM)	Voltage	Flange Adjustment (Inches)	Min. Radius Curve (Inches)	₹	Weight (Pounds)	List Price						
1 Ton	UT1M1530	UT1M1531	15 FPM	230/460					\$4,746.00						
1 Ton	UT1M3530	UT1M3531	35 FPM	230/460		36		65	\$4,746.00						
1 Ton	UT1M7530	UT1M7531	75 FPM	230/460					\$4,746.00						
2 Ton	UT2M1530	UT2M1531	15 FPM	230/460					\$4,839.00						
2 Ton	UT2M3530	UT2M3531	35 FPM	230/460		45		85	\$4,839.00						
2 Ton	UT2M7530	UT2M7531	75 FPM	230/460					\$4,839.00						
3 Ton	UT3M1530	UT3M1531	15 FPM	230/460											
3 Ton	UT3M3530	UT3M3531	35 FPM	230/460		55		105	\$5,322.00						
3 Ton	UT3M7530*	UT3M7531*	75 FPM	230/460	2.3 to 8.6		1/3		\$5,322.00						
1 Ton	UT1M1570	UT1M1571	15 FPM	208	2.3 10 0.0		1/3		\$4,746.00						
1 Ton	UT1M3570	UT1M3571	35 FPM	208		36		65	\$4,746.00						
1 Ton	UT1M7570	UT1M7571	75 FPM	208					\$4,746.00						
2 Ton	UT2M1570	UT2M1571	15 FPM	208					\$4,839.00						
2 Ton	UT2M3570	UT2M3571	35 FPM	208		45		85	\$4,839.00						
2 Ton	UT2M7570	UT2M7571	75 FPM	208					\$4,839.00						
3 Ton	UT3M1570	UT3M1571	15 FPM	208					\$5,322.00						
3 Ton	UT3M3570	UT3M3571	35 FPM	208		55		105	\$5,322.00						
3 Ton	UT3M7570*	UT3M7571*	75 FPM	208					\$5,322.00						

 $<sup>\,{}^*</sup>$  75 or 75/19 FPM traverse is available on 3-Ton Trolleys when used with Hoists rated 2 Ton capacity or less.





#### **PLAIN TROLLEYS**

Product Code	Item Description	Weight	List Price
UT1	CM Universal Trolley - 1 Ton, Plain	24	\$302.00
UT2	CM Universal Trolley - 2 Ton, Plain	40	\$391.00
UT3	CM Universal Trolley – 3 Ton, Plain	76	\$785.00
UT1H	CM Universal Trolley – 1 Ton, Plain with Clevis	25	\$368.00
UT2H	CM Universal Trolley – 2 Ton, Plain with Clevis	41	\$510.00
UT3H	CM Universal Trolley - 3 Ton, Plain with Clevis	77	\$968.00

NOTE: UT1 and UT1G Trolleys are only applicable to Budgit 2200, Coffing CAH (Small Frame), CM AirStar, Yale YALC, CM (Small Frame) Lodestar, CM Valustar, CM ShopStar, CM ShopAir, and Budgit Series 600 with up to 1 Ton capacity.

All other chain Hoist models (up to 1 Ton capacity) are designed to fit the 2 Ton UT as standard; these models will not adapt to a 1 Ton UT.

#### **GEARED TROLLEYS**

Product Code	Item Description	Weight	List Price
UT1G	CM Universal Trolley – 1 Ton, Geared	41	\$570.00
UT2G	CM Universal Trolley – 2 Ton, Geared	57	\$649.00
UT3G	CM Universal Trolley – 3 Ton, Geared	95	\$1,019.00
UT1GH	CM Universal Trolley – 1 Ton, Geared with Clevis	42	\$632.00
UT2GH	CM Universal Trolley – 2 Ton, Geared with Clevis	58	\$760.00
UT3GH	CM Universal Trolley - 3 Ton, Geared with Clevis	96	\$1,192.00

Universal Geared Trolleys furnished with 20' hand chain drop as standard. Additional hand chain drop available in 10' increments up to 50' drop. If additional hand chain is required, please specify and apply \$72.00 list per 10' increment

Included as standard equipment on both plain & geared Trolleys, if pre-installed rubber bumpers are required for plain and geared Trolleys, please specify and apply **\$124.00** list. Trolley guards with rubber bumpers standard on motorized Trolley.

## UNIVERSAL TROLLEY LUGS / COMPONENTS / ACCESSORIES

Product Code	Item Description	List Price
20655K	CM Shopstar/ CM ShopAir / Budgit Series 600, 1- & 2-Part Reeved, Cross Mount Assembly	\$80.00
2992UT	CM Lodestar (Classic), Small Frame Units / CM Valustar, 1-Part Reeved, Parallel Mount Assembly	\$210.00
2992UTC	CM Lodestar (Classic), Small Frame Units / CM Valustar, 1-Part Reeved, Cross Mount Assembly	\$210.00
2993UT	CM Lodestar (Classic), Small Frame Units / CM Valustar, 2-Part Reeved, Cross & Parallel Mount Assembly	\$324.00
3677UT	CM Lodestar (Classic), Large Frame Units / CM Valustar, 1-Part Reeved, Cross & Parallel Mount Assembly	\$264.00
3668UT	CM Lodestar (Classic), Large Frame Units / CM Valustar, 2-Part Reeved, Cross & Parallel Mount Assembly	\$343.00
9561UT	CM Lodestar (Classic), Large Frame Units, 3-Part Reeved, Cross & Parallel Mount Assembly	\$348.00
2992NHUT	CM Lodestar (NH Series), Small Frame Units, 1-Part Reeved, Parallel Mount Assembly	\$210.00
2992NHUTC	CM Lodestar (NH Series), Small Frame Units, 1-Part Reeved, Cross Mount Assembly	\$210.00
2993NHUT	CM Lodestar (NH Series), Small Frame Units, 2-Part Reeved, Cross & Parallel Mount Assembly	\$324.00
3677NHUT	CM Lodestar (NH Series), Large Frame Units, 1-Part Reeved, Cross & Parallel Mount Assembly	\$264.00
3668NHUT	CM Lodestar (NH Series), Large Frame Units, 2-Part Reeved, Cross & Parallel Mount Assembly	\$343.00
9561NHUT	CM Lodestar (NH Series), Large Frame Units, 3-Part Reeved, Cross & Parallel Mount Assembly	\$348.00
23456925	CM Airstar 6 / Budgit BEHC / Budgit 6000 / Yale KELC / Yale KALC, 1-Part Reeved, Cross & Parallel Mount Assembly	\$106.00
32560625K	CM Airstar 6 / Budgit BEHC / Budgit 6000 / Yale KELC / Yale KALC, 2-Part Reeved, Cross & Parallel Mount Assembly	\$151.00
50796125	CM Airstar 6 / Budgit BEHC / Budgit 6000 / Yale KELC / Yale KALC, 3-Part Reeved, Cross & Parallel Mount Assembly	\$723.00
23561201	Budgit 2200 / CM Airstar / Yale YALC, 1-Part Reeved, Cross Mount Assembly	\$156.00
23561202	Budgit 2200 / CM Airstar / Yale YALC, 1-Part Reeved, Parallel Mount Assembly	\$185.00
23561203	Budgit 2200 / CM Airstar / Yale YALC, 2-Part Reeved, Cross Mount Assembly	\$252.00
23561204	Budgit 2200 / CM Airstar / Yale YALC, 2-Part Reeved, Parallel Mount Assembly	\$238.00
33337901	Coffing JLC 1- & 2-Part Reeved, Parallel Mount Assembly	\$269.00
33337901C	Coffing JLC 1- & 2-Part Reeved, Cross Mount Assembly	\$269.00
33337902	Coffing EC1, 1- & 2-Part Reeved, Cross & Parallel Mount Assembly	\$354.00
33337903	Coffing EC1, 3-Part Reeved, Cross & Parallel Mount Assembly	\$506.00
33337904	Coffing EC3, 1- & 2-Part Reeved, Cross & Parallel Mount Assembly	\$461.00
11843110	CM Hand Drive Assembly, UT1G & UT2G	\$354.00
33336310	CM Hand Drive Assembly, UT3G	\$354.00
33337905	CM Universal Trolley Bumper Kit, 1, 2 & 3 Ton	\$102.00
11843111	CM UT Collector Bar & Bracket Kit, 1 & 2 Ton	\$221.00
33336311	CM UT Collector Bar & Bracket Kit, 3 Ton	\$210.00

#### **CORD KITS**

Cord kits are required to attach the Trolley to the appropriate Hoist.

Product Code	Item Description	List Price
33337940	JLC Cord Kit	\$76.00
33337941	EC1 Cord Kit	\$74.00
33337942	EC3 Cord Kit	\$76.00
33337952	Shopstar Cord Kit	\$123.00
33337950	V1 Lodestar, Classic & NH	\$128.00
33337951	V2 Lodestar, Classic & NH	\$128.00
33337946	Manguard	\$76.00



# UNIVERSAL TROLLEY & SUSPENSION KIT ORDERING GUIDE FOR ELECTRIC & AIR CHAIN HOISTS

The CM Universal Trolley is designed to suspend several electric and air chain Hoist models that are part of the CMCO family of brands.

Select the appropriate Suspension Kit for your specific Hoist listed below.\*

\* When ordering a UT Trolley, refer to this chart for the appropriate capacity Trolley & suspension kit. NOTE: UT1 and UT16 Trolleys are only applicable to Budgit 2200, CM AirStar, Yale YAL, CM (Small Frame) Lodestar, CM Valustar, CM ShopStar, CM ShopAir, and Budgit Series 600 with up to 1 Ton capacity.

All other chain Hoist models (up to 1 Ton capacity) are designed to fit the 2 Ton UT as standard; these models will not adapt to a 1 Ton UT.

Hoist	Reeving	Mounting Position	Trolley	Suspension Kit
CM SHOPSTAR	1 & 2	CROSS	UT1	20655K
CM LODESTAR (CLASSIC) (V1) (Small Frame) / CM Valustar (All Capacities)	1	PARALLEL	UT1	2992UT
CM LODESTAR (CLASSIC) (V1) (Small Frame) / CM Valustar (All Capacities)	1	CROSS	UT1	2992UTC
CM LODESTAR (CLASSIC) (V1) (Small Frame) / CM Valustar (All Capacities)	2	CROSS OR PARALLEL	UT1	2993UT
CM LODESTAR (CLASSIC) (V2) (Large Frame) / CM Valustar (All Capacities)	1	CROSS OR PARALLEL	UT2	3677UT
CM LODESTAR (CLASSIC) (V2) (Large Frame) / CM Valustar (All Capacities)	2	CROSS OR PARALLEL	UT2	3668UT
CM LODESTAR (CLASSIC) (V2) (Large Frame) (All Capacities)	3	CROSS OR PARALLEL	UT3	9561UT
CM LODESTAR (NH) (V1) (Small Frame) (All Capacities)	1	PARALLEL	UT1	2992NHUT
CM LODESTAR (NH) (V1) (Small Frame) (All Capacities)	1	CROSS	UT1	2992NHUTC
CM LODESTAR (NH) (V1) (Small Frame) (All Capacities)	2	CROSS OR PARALLEL	UT1	2993NHUT
CM LODESTAR (NH) (V2) (Large Frame) (All Capacities)	1	CROSS OR PARALLEL	UT2	3677NHUT
CM LODESTAR (NH) (V2) (Large Frame) (All Capacities)	2	CROSS OR PARALLEL	UT2	3668NHUT
CM LODESTAR (NH) (V2) (Large Frame) (All Capacities)	3	CROSS OR PARALLEL	UT3	9561NHUT
BUDGIT BEHC / YALE KELC (All Capacities)	1	CROSS OR PARALLEL	UT2	23456925
BUDGIT BEHC / YALE KELC (All Capacities)	2	CROSS OR PARALLEL	UT2	32560625K
CM AIRSTAR 6 / BUDGIT BEHC / BUDGIT 6000 (All Capacities)	3	CROSS OR PARALLEL	UT3	50796125
CM AIRSTAR 6 / BUDGIT 6000 / YALE KALC (All Capacities)	1	CROSS OR PARALLEL	UT2	23456925
CM AIRSTAR 6 / BUDGIT 6000 / YALE KALC (All Capacities)	2	CROSS OR PARALLEL	UT2	32560625K
BUDGIT 2200 / CM AIRSTAR / YALE YALC (All Capacities)	1	CROSS	UT1	23561201
BUDGIT 2200 / CM AIRSTAR / YALE YALC (All Capacities)	1	PARALLEL	UT1	23561202
BUDGIT 2200 / CM AIRSTAR / YALE YALC ((All Capacities)	2	CROSS	UT1	23561203
BUDGIT 2200 / CM AIRSTAR / YALE YALC (All Capacities)	2	PARALLEL	UT1	23561204
COFFING JLC (All Capacities)	1 & 2	PARALLEL	UT2	33337901
COFFING JLC (All Capacities)	1 & 2	CROSS	UT2	33337901C
COFFING EC1 (All Capacities)	1 & 2	CROSS OR PARALLEL	UT2	33337902
COFFING EC1 (All Capacities)	3	CROSS OR PARALLEL	UT3	33337903
COFFING EC3 (Plain & Motorized Trolleys Only) (All Capacities up to 3 Ton Maximum)	1 & 2	CROSS OR PARALLEL	UT3	33337904

#### **UNIVERSAL TROLLEY CLEVIS**

Capacity	Part Number	Price
1 Ton	550051	\$69.00
1-1/2 Ton, 2 Ton	550059	\$131.00
3 Ton	550073	\$205.00

#### BUDGIT® TROLLEY ADAPTOR LINKS

FOR USE WITH HOOK SUSPENSION TROLLEYS.

	Catalog Number	User Price
40281	For 1/4 and 1/2 Ton Trolleys	\$80.00
40282	For 1 Ton Trolleys	\$80.00
40283	For 1-1/2, 2 & 3 Ton Trolleys	\$80.00



## **BUDGIT** HEAVY DUTY RIGID MOUNT TROLLEYS

ı	Push Type Tro	olleys – Tro	lleys for Standard	d Flange I-Beams		Hand Geared Trolleys — Trolleys for Standard Flange I-Beams					;
Catalog	Capacity	Weight	Adjust to Fit Th	nese Beam Sizes		Catalog	Capacity	Weight	Adjust to Fit Th	ese Beam Sizes	
Number	(Tons)	(Pounds)	Minimum Beam Depth (Inches)	Flange Width (Inches)	User Price	Number	(Tons)	(Pounds)	Minimum Beam Depth (Inches)	Flange Width (Inches)	User Price
900211	1	40	6	3 to 5	\$864.00	900261	1	55	6	3 to 5	\$2,114.00
900221	2	50	6	3-5/8 to 6	\$1,339.00	900271	2	65	6	3-5/8 to 6	\$2,715.00
900231	3 & 4	85	6	4 to 6-1/4	\$1,981.00	900281	3 & 4	100	6	4 to 6-1/4	\$3,666.00
900241	5 & 6	150	8	4 to 6-1/4	\$2,746.00	900291	5 & 6	165	8	4 to 6-1/4	\$4,064.00
PUT07	7-1/2	150	8	4 to 6-1/4	\$2,557.00	HGT07	7-1/2	165	8	4 to 6-1/4	\$3,855.00
Spark Resistant	Models (For M	lanual Hoist	s)			Spark Resistant	Models (For Ma	nual Hoists	)		
900216	1	40	6	3 to 5	\$2,485.00	900266	1	55	6	3 to 5	\$4,232.00
900226	2	50	6	3-5/8 to 6	\$3,125.00	900276	2	65	6	3-5/8 to 6	\$4,848.00
900236	3 & 4	85	6	4 to 6-1/4	\$4,034.00	900286	3 & 4	100	6	4 to 6-1/4	\$6,009.00
900246	5 & 6	150	8	4 to 6-1/4	\$5,379.00	900296	5 & 6	165	8	4 to 6-1/4	\$7,026.00
Spark Resistant	Models (For A	ir Hoists)				Spark Resistant	Models (For Air	Hoists)			
* 900216	1/2 to 3/4	40	6	3 to 5	\$2,485.00	* 900266	1/2 to 3/4	55	6	3 to 5	\$4,232.00
* 900226	1	50	6	3-5/8 to 6-1/4	\$3,125.00	¥ 900276	1	65	6	3-5/8 to 6-1/4	\$4,848.00
900236	2	85	6	4 to 6	\$4,034.00	900286	2	100	6	4 to 6	\$6,009.00

\* For longer than standard 9'6" hand chain drop, add \$12.90 per foot. Spark and corrosion resistant models, add \$31.10 per foot for aluminum hand chain.

¥ For use on "6000" series only.

For drop stops add: Steel only \$666.00 With rubber bumpers \$1,177.00

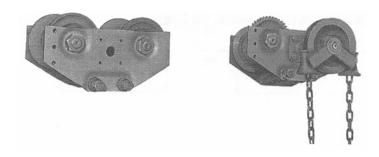
#### WIDER FLANGE BEAMS - ADD PRICES APPLY TO PUSH OR HAND GEARED, STANDARD OR SPARK RESISTANT

Capacity	Standard Flores Bones	Extended Flange Range							
Capacity (Tons)	Flange Range (Inches)	1st Extension Flange Range (Inches)	Price Add	2nd Extension Flange Range (Inches)	Price Add				
1	3 to 5	5-1/8 to 7-1/4	\$185.00	7-1/2 to 9-1/8	\$293.00				
2	3-5/8 to 6	6-1/4 to 8-5/8	\$181.00	8-7/8 to 11-1/4	\$293.00				
3, 4	4 to 6-1/4	6-3/8 to 8-5/8	\$237.00	8-3/4 to 11	\$364.00				
5, 6	4 to 6-1/4	6-3/8 to 8-5/8	\$237.00	8-3/4 to 11	\$364.00				
7 1/2	4 to 6-1/4	6-3/8 to 8-5/8	\$237.00	8-3/4 to 11	\$364.00				

#### PATENTED TRACK (PRICE FOR COMPLETE TROLLEY)

		Push	Туре		Hand Geared				
Capacity (Tons)	Standard		Spark Resistant		Standard		Spark Resistant		
	Catalog Number	User Price	Catalog Number	User Price	Catalog Number	User Price	Catalog Number	User Price	
1	900215	\$1,510.00	900220	\$3,085.00	900265	\$2,475.00	900270	\$3,855.00	
2	900225	\$1,663.00	900230	\$3,001.00	900275	\$2,689.00	900280	\$4,055.00	
3,4	900235	\$2,261.00	900240	\$4,086.00	900285	\$3,254.00	900290	\$4,975.00	
5, 6	900245	\$3,275.00	900250	\$5,143.00	900295	\$4,703.00	900300	\$6,515.00	

**NOTE:** For 7-1/2 Ton, consult factory.







## COFFING BUDGIT HOISTS



## **SERIES 632 PLAIN BALL BEARING TROLLEY**

Сара	acity	Product Code	Minimum Beam Height	I-Beam Width	Minimum Radius Curve	Wheel Diameter	Weight	User
Pounds	Pounds Tons		(Inches)	(Inches)	(Inches)	(Inches)	(Pounds)	Price
500 to 1,000	1/4 to 1/2	3222	4	2-5/8 to 5-1/16	7	2-3/4	10	\$446.00
2,000	1	3224	4	2-5/8 to 5-1/16	7	2-3/4	12	\$530.00
3,000 to 4,000	2	3226	6	3-3/8 to 5-5/8	10	3-1/2	25	\$863.00
6,000	3	3230	8	4 to 6-1/4	10	3-1/2	33	\$1,518.00

Prices apply to standard flange adjustments. Apply for prices on other than standard.





## **CTP TROLLEY**

Model Number	Capacity		Product	I-Beam Width	Minimum Radius Curve	Wheel Diameter	Weight	User
Model Nullibel	Pounds	Tons	Code	(Inches)	(Inches)	(Inches)	(Pounds)	Price
CTP/A 1T	2,200	1	5500024	2-1/4 to 6	24	2.36	5.5	\$427.00
CTP/A 2T	4,400	2	5500025	3 to 7-7/8	35	3.27	21.8	\$597.00
CTP/B 2T	4,400	2	5500026	7 7/8 to 11 7/8	35	3.27	22.7	\$632.00
CTP/A 3 T	6,600	3	5500027	3 to 7/8	45	4.37	38.6	\$813.00
CTP/B 3T	6,600	3	5500028	7 7/8 to 12 1/2	45	4.37	43	\$864.00



## **COFFING** LT PLAIN MODELS\*

Model	Сара	acity	Minimum Beam Height	I-Beam Width	Minimum Radius Curve	Wheel Diameter	Weight	User Price
Number	Lbs.	Ton	(Inches)	(Inches)	(Inches)	(Inches)	(Pounds)	USEI FIICE
LT-05-P**	500	1/4	4	2-5/8 to 4-5/8	30	3-1/8	15	\$408.00
LT-10-P**	1000	1/2	4	2-5/8 to 4-5/8	30	3-1/8	15	\$408.00
LT-20-P**	2000	1	5	3 to 5	36	4	23	\$504.00
LT-20-WP	2000	1	5	5-1/4 to 7-3/8	36	4	24	\$689.00
LT-40-P †	4000	2	6	3-3/8 to 6	48	4-15/16	43	\$855.00
LT-40-WP †	4000	2	6	6-1/4 to 8-7/8	48	4-15/16	44	\$981.00
LT-60-P <sup>†</sup>	6000	3	6	3-3/8 to 6	48	4-15/16	50	\$1,177.00
LT-60-WP <sup>†</sup>	6000	3	6	6-1/8 to 8-7/8	48	4-15/16	52	\$1,561.00
LT-60-WFP †	6000	3	6	9 to 11	48	4-15/16	54	\$1,689.00
Spark-Resistant Mode	els							
LT-07-S	750	3/8	4	2-5/8 to 4-5/8	30	3 1/8	15	\$3,825.00
LT-10-S	1000	1/2	5	3 to 5	42	4	23	\$4,133.00
LT-15-S	1500	3/4	5	3 to 5	42	4	23	\$4,133.00
LT-20-S	2000	1	6	3 3/8 to 6	48	4 15/16	45	\$4,807.00
LT-40-S-HD	4000	2	8	4-3/8 to 6-1/4	48	4	85	P.O.A.

## **COFFING** LT GEARED MODELS\*

Model	Сар	acity	Minimum Beam Height	I-Beam Width	Minimum Radius Curve	Wheel Diameter	Weight	User Price	Extra Hand Chain
Number	Lbs.	Ton	(Inches)	(Inches)	(Inches)	(Inches)	(Pounds)	USEI FIICE	(Per Foot)
LT-20-G †	2000	1	5	3 to 5	42	4	40	\$1,602.00	
LT-20-WG <sup>†</sup>	2000	1	5	5-1/4 to 7-3/8	42	4	41	\$1,825.00	
LT-40-G <sup>†</sup>	4000	2	6	3-3/8 to 6	48	4-15/16	57	\$1,883.00	
LT-40-WG <sup>†</sup>	4000	2	6	6-1/4 to 8-7/8	48	4-15/16	58	\$2,076.00	\$18.40
LT-60-G †	6000	3	6	3-3/8 to 6	48	4-15/16	65	\$2,395.00	
LT-60-WG <sup>†</sup>	6000	3	6	6-1/8 to 8-7/8	48	4-15/16	67	\$2,575.00	
LT-60WFG †	6000	3	6	9 to 11	48	4-15/16	68	\$2,669.00	
Spark-Resistant Mo	odels								
LT-10-SG †	1000	1/2	5	3 to 5	42	4	40	\$7,169.00	
LT-15-SG <sup>†</sup>	1500	3/4	5	3-3/8 to 6	42	4	40	\$7,169.00	\$40.50
LT-20-SG <sup>†</sup>	2000	1	6	3-3/8 to 6	48	4-15/16	57	\$7,850.00	34U.3U
LT-40-SG <sup>†</sup>	4000	2	8	4-3/8 to 6-1/4	48	4	100	\$5,854.00	

<sup>\*</sup> NOTE: Specify complete beam specifications when ordering. For Patented Track applications, consult factory.

Spark & Corrosion Resistant models are equipped with beryllium copper wheels and vinyl covered bumpers.

1 and 2-Ton Trolleys are metric rated.

# **COFFING** PUSH TYPE LT TROLLEYS FOR 3-1/4 INCH. PATENTED TRACK (FOR LUG TYPE HOISTS.)

Model	Сара	acity	Wheel Diameter	User
Number	Lbs.	Ton	(Inches)	Price
900385	500	1/4	4	\$1,199.00
900385	1000	1/2	4	\$1,199.00
900385	2000	1	4	\$1,199.00
900386	4000	2	5	\$1,271.00



<sup>†</sup> Equipped with bumpers.

#### COFFING \*CT-A PLAIN MODELS

Model Number	Product Code	Capacity (Ton)	Beam Height (Inches)	Flange Width (Inches)	Minimum Radius (Inches)	Number of Wheels	Weight (Pounds)	User Price
CTA-05P	09208W	1/4	6 to 18	3-1/3 to 7	48	4	45	\$747.00
CTA-10P	09209W	1/2	6 to 18	3-1/3 to 7	48	4	45	\$747.00
CTA-20P	09210W	1	6 to 18	3-1/3 to 7	48	4	45	\$747.00
CTA-40P	09211W	2	6 to 18	3-1/3 to 7	48	4	45	\$1,065.00
CTA-60P	09212W	3	6 to 18	3-1/3 to 7	48	4	60	\$1,358.00
CTA-80P	09270W	4	8 to 18	4 to 7	**	8	170	\$1,877.00
CTA-100P	09271W	5	8 to 18	4 to 7	**	8	170	\$2,464.00

NOTE: For patented Track and Wide Flange applications – see page 28.

#### **COFFING** \*CT-A GEARED MODELS STANDARD HAND CHAIN DROP 6'

Model Number	Product Code	Capacity (Ton)	Beam Height (Inches)	Flange Width (Inches)	Minimum Radius (Inches)	Number of Wheels	Weight (Pounds)	User Price	Extra Hand Chain Per Foot <sup>‡</sup>
CTA-05G	09230W	1/4	6 to 18	3-1/3 to 7	48	4	75	\$1,524.00	
CTA-10G	09231W	1/2	6 to 18	3-1/3 to 7	48	4	75	\$1,524.00	
CTA-20G	09232W	1	6 to 18	3-1/3 to 7	48	4	75	\$1,524.00	
CTA-40G	09233W	2	6 to 18	3-1/3 to 7	48	4	75	\$1,803.00	\$22.00
CTA-60G	09234W	3	6 to 18	3-1/3 to 7	48	4	80	\$2,485.00	
CTA-80G	09280W	4	8 to 18	4 to 7	**	8	180	\$2,721.00	
CTA-100G	09281W	5	8 to 18	4 to 7	**	8	180	\$3,511.00	

NOTE: For patented Track and Wide Flange applications - see page 28.

#### **TROLLEY ACCESSORIES**

#### **TRACK CLAMPS**

Hand Chain Wheel Operated, Standard Hand Chain Drop 6'.

Models and Capacities	User Price	Extra Hand Chain Per Foot ‡
CT & MT 1/4 to 3 Ton Models, Plain & Geared	\$1,900.00	\$22.20

<sup>‡</sup> Per foot of drop.

# HTP & HTG TROLLEY - STANDARD MODELS ALL PRICING IN US FUNDS.

O	Produc	Product Code		Flange Width (Inches)		Min	Weight	User Price	
Capacity (Tons)	Plain Trolley	Hand Geared Trolley	Min	Maximum	Thickness (Inches)	Radius (Inches)	(Pounds)	Plain Trolley	Hand Geared Trolley
1/2 Ton	HTP0050A	HTG0050A	1.97	8.67	0.99	35.43	18	\$249.00	\$526.00
1 Ton	HTP0100A	HTG0100A	1.97	8.67	0.99	35.43	20	\$293.00	\$554.00
2 Ton	HTP0200A	HTG0200A	2.60	8.67	0.99	45.28	35	\$407.00	\$668.00
3 Ton	HTP0300A	HTG0300A	2.92	8.67	0.99	55.12	71	\$774.00	\$953.00
5 Ton	HTP0500A	HTG0500A	3.55	8.67	0.99	70.87	106	\$1,178.00	\$1,311.00
1/2 Ton	HTP0050B	HTG0050B	6.30	11.82	1.58	35.43	23	\$289.00	\$578.00
1 Ton	HTP0100B	HTG0100B	6.30	11.82	1.58	35.43	26	\$353.00	\$618.00
2 Ton	HTP0200B	HTG0200B	6.30	11.82	1.58	45.28	43	\$474.00	\$769.00
3 Ton	HTP0300B	HTG0300B	6.30	11.82	1.58	55.12	79	\$832.00	\$1,005.00
5 Ton	HTP0500B	HTG0500B	7.09	11.82	1.58	70.87	115	\$1,242.00	\$1,363.00
10 Ton	N/A	HTG1000B	4.93	12.21	1.58	70.87	229	-	\$2,553.00
20 Ton	N/A	HTG2000B	4.93	12.21	1.58	196.85	507	-	\$4,927.00

Standard Hand Chain drop is 18'. Longer Hand Chain Drop is available in 10' increments, up to 48' with the following adders:

28' - \$144.00 List

38' - **\$288.00** List

38' - **\$432.00** List

Part# HTG0009-1 for 1/2 through 3 Ton Trolleys - \$112.00 List Part# HTG0009-9 for 5 through 20 Ton Trolleys - \$147.00 List



<sup>\*</sup> Specify complete beam specifications when ordering.

<sup>\*\* 4</sup> to 5-Ton straight track only. Articulated model for 48" minimum radius curved track available; price on application.

<sup>\*</sup> Specify complete beam specifications when ordering.

<sup>\*\* 4</sup> to 5 Ton straight track only. Articulated model for 48" minimum radius curved track available: price on application.

<sup>‡</sup> Per foot of drop.

# HTP & HTG TROLLEY - SPARK-RESISTANT MODELS ALL PRICING IN US FUNDS.

Conscitu (Tons)	Product Code		Flange Width (Inches)		Thickness	Min	Weight	User	Price
Capacity (Tons)	Plain Trolley	Hand Geared Trolley	Min	Maximum	(Inches)	Radius (Inches)	(Pounds)	Plain Trolley	Hand Geared Trolley
1/2 Ton	HTP0050ASR	HTG0050ASR	1.97	8.67	0.99	35.43	18	\$722.00	\$985.00
1 Ton	HTP0100ASR	HTG0100ASR	1.97	8.67	0.99	35.43	20	\$800.00	\$1,035.00
2 Ton	HTP0200ASR	HTG0200ASR	2.60	8.67	0.99	45.28	35	\$1,127.00	\$1,583.00
3 Ton	HTP0300ASR	HTG0300ASR	2.92	8.67	0.99	55.12	71	\$2,529.00	\$2,843.00
5 Ton	HTP0500ASR	HTG0500ASR	3.55	8.67	0.99	70.87	106	\$3,368.00	\$3,699.00
1/2 Ton	HTP0050BSR	HTG0050BSR	6.30	11.82	1.58	35.43	23	\$775.00	\$1,262.00
1 Ton	HTP0100BSR	HTG0100BSR	6.30	11.82	1.58	35.43	26	\$831.00	\$1,307.00
2 Ton	HTP0200BSR	HTG0200BSR	6.30	11.82	1.58	45.28	43	\$1,328.00	\$1,856.00
3 Ton	HTP0300BSR	HTG0300BSR	6.30	11.82	1.58	55.12	79	\$2,564.00	\$3,082.00
5 Ton	HTP0500BSR	HTG0500BSR	7.09	11.82	1.58	70.87	115	\$3,432.00	\$3,924.00
10 Ton	N/A	HTG1000BSR	4.93	12.21	1.58	70.87	229		\$5,933.00
20 Ton	N/A	HTG2000BSR	4.93	12.21	1.58	196.85	507		\$7,128.00

Standard Hand Chain drop is 18' Longer Hand Chain Drop is available in 10' increments, up to 48' with the following adders:

28' - **\$255.00** List 38' - **\$509.00** List 38' - **\$765.00** List

Rubber Bumper included as standard equipment on spark-resistant models.





## **BEAM CLAMPS**

Model Number	Capacity (Tons)	Product Code	Flange Width (Inches)	Weight (Pounds)	User Price
BC-1	1	09001W	3 to 9	8.5	\$153.00
BC-2	2	09002W	3 to 9	10.5	\$173.00
BC-3	3	09003W	3.2 to 12.6	20.25	\$266.00
BC-5	5	09004W	3.6 to 12.2	24.25	\$333.00
BC-10	10	09005W	3.6 to 12.6	34	\$526.00

## **COFFING** STANDARD BEAM SIZES

These charts show common standard beam sizes, weights and nominal Flange Widths for both American Standard Section "S" Shapes and Wide Flange Shapes (as listed by American Institute of Steel Construction). Wide Flange Shapes are "W" Shapes effective approximately September 1, 1978.

Always include beam sizes when ordering BUDGIT Trolleys and Trolley Hoists.

American Sta Sections ("S"				Wide Flange Section	s ("W" Beams)			
Designation (Inches & Pounds)	Flange Width (Inches)							
S4 X 7.7	2-5/8	W6 X 9	4	W12 X 14		W18 X 35		
S4 X 9.5	2-3/4	W6 X 12	4	W12 X 16	4	W18 X 40	6	
S5 X 10	3	W6 X 15	6	W12 X 19	4	W18 X 46		
S5 X 14.75	3-1/4	W6 X 16	4	W12 X 22		W18 X 50		
S6 X 12.5	3-3/8	W6 X 20	6	W12 X 26		W18 X 55	7 1 / 0	
S6 X 17.25	3-9/16	W6 X 25	р	W12 X 30	6-1/2	W18 X 60	7-1/2	
S7 X 15.3	3-5/8	W8 X 10		W12 X 35		W18 X 65		
S7 X 20	3-7/8	W8 X 13	4	W12 X 40		W18 X 71	7-5/8	
S8 X 18.4	4	W8 X 15		W12 X 45	8	W18 X 76	11	
S8 X 23	4-1/8	W8 X 18	F 4/4	W12 X 50		W18 X 86	- 11	
S10 X 25.4	4-5/8	W8 X 21	5-1/4	W12 X 53	10	W18 X 97	11-1/8	
S10 X 35	-	W8 X 24	6.1/0	W12 X 58	10	W18 X 106	44.44	
S 12 X 31.8	5	W8 X 28	6-1/2	W14 X 22	-	W18 X 119	11-1/4	
S12 X 35	5-1/8	W8 X 31		W14 X 26	5	W21 X 44		
S12 X 40.8	5-1/4	W8 X 35	8	W14 X 30		W21 X 50	6-1/2	
S12 X 50	F 1 (0	W8 X 40		W14 X 34	6-3/4	W21 X 57		
S15 X 42.9	5-1/2	W8 X 48	8-1/8	W14 X 38		W21 X 62		
S15 X 50	5-5/8	W8 X 58	0.1/4	W14 X 43		W21 X 68	0.1/4	
S18 X 54.7	6	W8 X 67	8-1/4	W14 X 48	8	W21 X 73	8-1/4	
S18 X 70	6.144	W10 X 12		W14 X 53		W21 X 83		
S20 X 66	6-1/4	W10 X 15		W14 X 61		W24 X 55	7	
S20 X 75	6-3/8	W10 X 17	4	W14 X 68	10	W24 X 62	7	
S20 X 85	7	W10 X 19		W14 X 74		W24 X 68		
S20 X 95	7-1/4	W10 X 22	5.074	W14 X 82	10-1/8	W24 X 76		
S24 X 80	7	W10 X 26	5-3/4	W16 X 26	F 1/0	W24 X 84	9	
S24 X 90	7-1/8	W10 X 30	5-7/8	W16 X 31	5-1/2	W24 X 94		
S24 X 100	7-1/4	W10 X 33		W16 X 36		W27 X 84		
S24 X 106	7-7/8	W10 X 39	8	W16 X 40	7	W27 X 94	10	
S24 X 120	8	W10 X 45		W16 X 45	7	W27 X 102	10	
-	-	W10 X 54	10	W16 X 50		W27 X 114		
-	-	W10 X 60	10	W16 X 57	7-1/8	W30 X 108		
-	-	W10 X 68	10-1/8	W16 X 67	10.1/4	W30 X 116	10.1/0	
-	-	W10 X 77	10.1/4	W16 X 77	10-1/4	W30 X 124	10-1/2	
-	-	W10 X 88	10-1/4	W16 X 89	10-3/8	W30 X 132		
-	-	W10 X 100	10-3/8	W16 X 100	10-3/4	-	-	
-	-	W10 X 112	10-1/2	-	-	-	-	



# BULK CHAIN & LATCH KITS



SUDGIT Hoists

**COFFING** HOISTS

## **BULK CHAIN & LATCH KITS**





## **ELECTRIC OR AIR HOIST - LOAD CHAIN**

Hoist Catalog Number And Capacity	Description	Feet of Chain In Package	Weight (Pounds)	Catalog Number	User Price
1/4 and 1/2 Ton	Alloy Link Chain Natural Color	150	95	910125	\$3,517.50
BUDGIT Electric and BUDGIT Series 2000 Air Hoists CM Airstar, Yale YALC	1/4" Bar Diameter	300	185	910126	\$7,033.95
1, 2 & 3 Ton BUDGIT Electric & Series 6000 Air Hoist	Alloy Link Natural Color	150	145	910141	\$4,611.75
CM Airstar 6, Yale KALC	5/16" Bar Diameter	300	285	910142	\$9,223.40
1/4 and 1/2 Ton	5/8 Pitch, RC625 Riveted Hoist Roller Chain including four (4)	50	40	910172	\$2,463.20
BUDGIT Electric 1/4, 1/2 and	Riveted Connecting Links	Box of 24	2	910201	\$4,981.10
1 Ton BUDGIT Air Series 2000	RC625 Riveted Link RC625 Spring End Link		2	910205	\$4,981.10
	3/4 Pitch, H6 Riveted Hoist Roller Chain Including four (4)	50	60	910183	\$2,755.40
1 and 2 Ton BUDGIT	Riveted Connecting Links		2	910202	\$4,981.10
Electric Hoist	H6 Riveted Link H6 Spring End Link	Box of 24	2	910206	\$4,981.10
1, 2, 3 & 5 Ton BUDGIT Electric Chain Hoists	Pendant cable for Single-Speed electric Hoists	500	86	11655603	\$10.30

Plated Link Load Chain available in bulk; consult factory.



# LOAD CHAIN FOR LODESTAR, VALUSTAR & MAN GUARD ELECTRIC CHAIN HOISTS

(STAR GRADE)

Capacity (Tons)	Hoist Model	Chain Drum Code	Finish	Chain Per Foot Code	Finish*	Chain Price Per Foot	Diameter (Inches)	Length per Drum (Ft.)	Weight (Pounds)	Drum User Price
1/8, 1/4, 1/2 1/2, 1	A, AA, B, C, F, WB, WF, MG25, MG50 E. H. WH	85999 85023	Zinc B/O	85944 85889	Zinc B/0	\$23.50 \$23.50	1/4	250	148	\$5,875.00
1/8, 1/4, 1/2	A, AA, B, C, F, WB, WF, MG25, MG50 E. H. WH	85011 85021	Zinc B/O	85944 85889	Zinc B/O	\$23.50 \$23.50	1/4	500	304	\$11,750.00
1/2 to 3	J, JJ, L, LL, R, RR, RT, RRT, WL, WR, MG01, MG02, MG03	85996 85024	Zinc B/O	85949 85979	Zinc B/O	\$30.70 \$30.70	5/16	200	194	\$6,140.00
2	RRS	85960EN250	Zinc	85960EN	Zinc	\$32.35	10 mm	250	390	\$8,087.50
1/2 to 3	J, JJ, L, LL, R, RR, RT, RRT, WL, WR, MG01, MG02, MG03	85012 85025	Zinc B/O	85949 85979	Zinc B/O	\$30.70 \$30.70	5/16	500	475	\$15,350.00
2	RRS	85960EN500	Zinc	85960EN	Zinc	\$32.35	10 mm	500	780	\$16,175.00
1/8, 1/4, 1/2 1/2, 1	A, AA, B, C, F, WB, WF E, H, WH, MG25, MG50	85016 85022	Zinc B/O	85944 85889	Zinc B/O	\$23.50 \$23.50	1/4	1000	600	\$23,500.00
1/2 to 3	J, JJ, L, LL, R, RR, RT, RRT, WL, WR, MG01, MG02, MG03	85017 85026	Zinc B/O	85949 85979	Zinc B/O	\$30.70 \$30.70	5/16	1000	940	\$30,700.00
2	RRS	85960EN1000	Zinc	85960EN	Zinc	\$32.35	10 mm	1000	1560	\$32,350.00

#### LOAD CHAIN FOR LODESTAR XL ELECTRIC & AIR CHAIN HOISTS (STAR GRADE)

Chain Drum Code	Chain per ' Code	Chain Price Per Foot	Diameter	Description	Length per Drum (Ft.)	Weight (Pounds)	Drum User Price
80276	85885	\$47.55	7/16	Load Chain	250	450	\$12,862.50
85933	85885	\$47.55	7/16	Load Chain	500	885	\$25,725.00

## LOAD CHAIN FOR POWERSTAR ELECTRIC CHAIN HOISTS (STAR GRADE)

Chain Drum Code	Chain Per Foot Code	Chain Price Per Foot	Diameter (Inches)	Description	Length per Drum (Ft.)	Weight (lbs.)	Drum User Price
-	85794	\$88.80	0.56	Load Chain	-	2.96 Pounds/Foot	\$91.45/'



## **BULK CHAIN & LATCH KITS**

Use the following tables to determine the chain price per foot after establishing the correct model, capacity and part number.

## Yale<sup>®</sup>

## LOAD CHAIN — FOR YALE ELECTRIC AND AIR POWERED HOISTS

Part Number	Diameter (Inches)	Piece Length Per Barrel (Ft.)	Number of Strands	KEL KAL	YEL	ACL	Weight Per Linear ' (Pounds)	User Price Per Foot
			1	1/2 to 1	-	-	-	-
642700424 (Zinc Plated)	5/16	250/1000	2	2	_	_	1	\$35.60
			3	3	-	-	-	-
003364000	1/4	-	1	_	1/4 to 1/2	_	0.6	\$36.70
JL19 1	9/32	-	1	-	1	-	0.76	\$30.35
JL19 I	9/32	-	2	-	2	-	-	-

## Yale<sup>®</sup>

## HAND CHAIN FOR HAND GEARED TROLLEYS

Part Number	Diameter (Inches)	Piece Length Per Barrel (Ft.)	Number of Strands	KEL KAL	YEL	ACL	Weight Per Linear' (Pounds)	User Price Per Foot
3373000	1/4	_	2	Geared Trolley	_	-	0.6	\$14.40

NOTE: Bulk chain will be supplied in minimum lots of 200 linear feet per part number.

## SHOPAIR LOAD CHAIN

Description	Diameter (Inches)	Chain Per Foot Product Code	User Price Per Foot	Chain Drum Product Code	Length per Drum (Ft.)	Weight (Pounds)	User Price Per Drum
Load Chain	0.157	85988	\$19.05	-	-	-	-
Load Chain	0.157	85988	\$19.05	85018	250	66	\$4,762.50
Load Chain	0.157	85988	\$19.05	85019	500	126	\$9,525.00
Load Chain	0.157	85988	\$19.05	85020	1000	244	\$19,050.00
Load Chain	.157 Z/P	85989	\$20.55	-	-	-	-



# BULK CHAIN & LATCH KITS

## **LATCH KITS**

Latch Name	Description	Pkg. Qty.	Product Code	User Price
Chain Hoist Service Parts	Latch Kit (Top & Bottom) For	1	446005757S	\$22.28
<b>Chain Product</b>	Latch Kit Yale.81X2.31	1	66940400	\$18.76
Repairs	Latch Kit For 458725-3/8	1	595525	\$16.20
	Latch Kit For Block	1	471784	\$444.43
	Bullard Latch Kit	1	1100441	\$503.52
	Latch Kit For Bottom Blk J15D10RTA	1	3190LATCH	\$786.25
Electric Parts	Latch Attachment	1	820KC536	\$533.95
	Latch Kit Johnson	1	900K187	\$370.43
	Latch Kit	1	H7541C	\$51.60
	Safety Latch For Block	1	WD471785	\$723.25
Repair Part -	Kit Latch No. 11 Hook	1	45696	\$166.27
CM Cyclone	Latch Kit #12/Various Hoists	1	45697	\$191.87
•	Latch Kit	1	71914	\$270.48
Repair Part – CM Lodestar	Latch Kit	1	52701	\$86.79
Repair Part -	Latch	1	52062	\$648.69
CM Lodestar	Latch	1	52063	\$2,776.36
XL	Latch Kit, 652-216	1	52707	\$104.40
	Latch Kit	1	595522	\$11.30
Repair Part	Latch Kit 670-234 & 12 Ton	1	71913	\$216.89
CM Powerstar	Euton nation to the oriental	1	70278	\$265.04
	Latch Kit	1	10572320	\$329.65
	Latch Kit – 319N-H Size Hook	1	11734804	\$22.58
	Latch Kit	1	11734807	\$61.02
	Latch Kit -C- 3.84X 6.50 S.S.	1	644913800	\$343.18
	Latch Kit -C82X 1.84 S.S.	1	646254800	\$28.07
	Latch Kit -C59X 1.60 S.S.	1	646255800	\$24.20
	Latch Kit -C- 1.00X 2.31 Stl.	1	647900605	\$27.18
Wire Rope	Latch Kit -C- 1.50X 3.44 Stl.	1	647900607	\$135.30
Product	Latch Kit -C- 2.03X 5.18 Stl.	1	647900609	\$216.75
Repairs	Latch Kit -C75X 1.66 S.S.	1	647900613	\$62.23
	Latch Kit -C81X 1.91 S.S.	1	647900614	\$63.27
	Latch Kit -C- 1.25X 2.88 S.S.	1	647900616	\$145.46
	Latch Kit -C- 1.50X 3.44 S.S.	1	647900617	\$180.86
	Latch Kit -C- 1.63X 3.81 S.S.	1	647900618	\$167.10
	Latch Kit -C- Hvy Duty-1093713	1	648328603	\$535.84
	Latch Kit -C- Hvy Duty-1093717	1	648328607	\$1,095.69
	Latch Kit	1	648956304	\$375.49
	Flange Latch Weldment 30	1	31175801	\$368.06
	Latch Kit #4/Various Hoists	1	45661	\$25.49
	50 Pack, Latch Kit #4/Various Hoists	50	45661-50P	\$1,081.12
	100 Pack, Latch Kit #4/Various Hoists	100	45661-100P	\$2,035.04
	Latch Kit #5/Various Hoists	1	45662	\$25.49
	50 Pack, Latch Kit #5/Various Hoists	50	45662-50P	\$1,081.12
Repair Part -	100 Pack, Latch Kit #5/Various Hoists	100	45662-100P	\$2,035.04
Universal	Latch Kit #6-7 (Consign)	1	45663	\$31.50
	50 Pack, Latch Kit #6-7 (Consign)	50	45663-50P	\$1,338.51
	100 Pack, Latch Kit #6-7 (Consign)	100	45663-100P	\$2,519.56
	Latch Kit #8/Various Hoists	1	45664	\$35.49
	Latch Kit #9/Various Hoists	1	45665	\$81.56
	Latch Kit	1	45726	\$117.35

Latch Name	Description	Pkg. Qty.	Product Code	User Price
	Latch Kit MSO Req #4 Hook	1	11330704	\$20.25
	50 Pack, Latch Kit MSO Req #4 Hook	50	11330704-50P	\$862.11
	Latch Kit MSO Req #5&6 Hook	1	11330705	\$42.93
	50 Pack, Latch Kit MSO Req #5&6 Hook	50	11330705-50P	\$1,823.40
	Latch Kit	1	10572307	\$40.35
	Latch Kit	1	10572309	\$91.15
	Latch Kit	1	10572311	\$97.29
Repairs	Latch Kit	1	10572314	\$246.79
Common Parts	Latch	1	10572340	\$556.29
	Latch Kit	1	11330744	\$193.34
	Latch Kit	1	11330755	\$37.56
	Latch (Repairs Use 11330705)	1	32624701	\$48.86
	Latch Kit -Y62X 1.56 Stl.	1	066940000S	\$17.65
	Latch Kit -Y62X 1.37 Stl.	1	066940100S	\$25.23
	Latch Kit -Y82X 1.70 Stl.	1	066940200S	\$39.15
	Latch Kit -Y81X 2.00 Stl.	1	066940300S	\$37.43
	Latch Kit -Y- 1.50X 3.25 Stl.	1	066940600S	\$43.94
Latch Kit	Spring Latch	1	86171	\$4.00
(Sling Hook)	Spring Latch 3/8" OS	1	86172	\$1.30
(0	Spring Latch 5/8" OS	1	86174	\$2.90
	Hook Latch Kit Bronze	1	666466	\$1,944.50
	Hook Latch Kit	1	HL10-90027	\$23.13
	Hook Latch Kit	1	HL10-90045	\$17.34
	Hook Latch Kit	1	HL10-90063	\$30.63
	Hook Latch Kit	1	HL10-90081	\$46.52
Miscellaneous	Hook Latch Kit	1	HL10-90107	\$88.10
Parts	Hook Latch Kit	1	HL10-90125	\$88.08
	Hook Latch Kit	1	HL10-90143	\$195.34
	Hook Latch Kit	1	HL10-90161	\$234.07
	Hook Latch Kit	1	HL10-96657	\$126.05
	Hook Latch Kit	1	HL10-96704	\$127.85
	Hook Latch Kit Stainless Steel	1	HL10-97163	\$291.92
	Hook Latch Kit Stainless Steel	1	HL10-97172	\$548.72
	Latch Kit	1	10A	\$11.33
	50 Pack, Latch Kit	50	10A-50P	\$482.08
	Latch Kit #04 Coffing 123K2	1	H7540	\$17.59
	50 Pack, Latch Kit #04 Coffing 123K2	50	H7540-50P	\$747.88
	100 Pack, Latch Kit #04 Coffing 123K2	100	H7540-100P	\$1,366.02
	Latch Kit #07 Ss4055 1090081	1	500690800	\$70.43
	Latch Kit -C- 1.21X 2.97 S.S.	1	500695800	\$81.77
Coffing/Little	Latch Kit -C- 1.21X 2.97 S.S.	1	500695800	\$81.77
Mule Parts	Hook Latch #04	1	123K2	\$3.31
	Gate Latch	1	324DH7	\$82.38
	S.S. Bottom Hook & Latch Assembly	1	3JG20SS	\$1,317.30
	Thumb Latch	1	A2A	\$21.45
	Latch Kit	1	H7544	\$41.42
	Latch Kit	1	H7545	\$24.77
	Latch Kit Safety Hook	1	H7547	\$93.87
	Latch Kit Safety Hook	1	H7549	\$30.93



SECTION CONTENTS:

CM SHOPAIR
AIR WIRE ROPE MANIPULATOR



NOTE: CHAIN CONTAINERS NOW INCLUDED AS STANDARD WITH ALL STANDARD SHOPAIR Hoists



CAPACITIES: 250, 300, 500, 600 & 1,000 POUNDS

Pendant Throttle Control Hook Suspension Only

Capacity (Pounds)	Product Code	Standard Lift (Ft.)	Full Load Hoist Speed (FPM)	Full Load Lowering Speed (FPM)	Parts of Load Chain	Weight (Pounds)	User Price
250	2178	10	31	83	1	30	\$3,466.00
300	2180	10	31	83	1	30	\$3,466.00
500	2182	10	21	55	1	30	\$3,734.00
500	2182B/2064	15	21	55	1	33	\$3,880.75
500	2182C/2064	20	21	55	1	35	\$4,027.50
500	2179	10	16	42	2	34	\$3,853.00
600	2181	10	16	42	2	34	\$3,853.00
600	2181B/2065	15	16	42	2	37	\$4,095.00
600	2181C/2065	20	16	42	2	40	\$4,337.00
1000	2183	10	11	29	2	34	\$4,605.00
1000	2183B/2065	15	11	29	2	37	\$4,372.00
1000	2183C/2065	20	11	29	2	40	\$4,614.00

3/8" NPTF air inlet size.

Top hook only/Maximum pendant drop 36'; consult factory. For lifts other than standard 10' (add extra charges):

Extra pendant hose (6' standard) \$10.30/foot. Extra chain per foot of lift: \$19.05 (250 & 300 pound capacities) \$38.10 (500 & 600 pound capacities)

These models may require CSA Field Certification; consult factory.

#### **SHOPAIR BULK LOAD CHAIN**

Description	Diameter (Inches)	Chain Per Foot Product Code	User Price Per Foot	Chain Drum Product Code	Length per Drum (Ft.)	Weight (Pounds)	User Price Per Drum
Load Chain	0.157	85988	\$19.05	-	-	-	-
Load Chain	0.157	85988	\$19.05	85018	250	66	\$4,762.50
Load Chain	0.157	85988	\$19.05	85019	500	126	\$9,525.00
Load Chain	0.157	85988	\$19.05	85020	1000	244	\$19,050.00
Load Chain	.157 Z/P	85989	\$20.55	-	-	-	-

Quantity discounts apply.







# AIR WIRE ROPE MANIPULATOR

Model Number	Product Code	Capacity (Pounds)	Lift (Ft.)	Speed (FPM)	Air Consumption (CFM)	Headroom (Inches)	Weight (Pounds)	User Price
TMM-140	17050W	300	6.5	36	21.2	22-3/4	20	\$4,728.00



**POWERED HOISTS, TROLLEYS & CRANE KITS** 

# AIR CHAIN HOISTS

SECTION CONTENTS:

BUDGIT SERIES 2200 CM AIRSTAR

AIRSTAR

SERIES 2200

If any 2200 Series Air Hoist is ordered other than the standard above, the following model numbers will appear on the Hoist and box.

BAHC 2565						
BAHC	25	65				
Budgit	Capacity	Speeds (Lifting)				
Air	25 = 1/4 Ton	65				
Hoist	50 = 1/2 Ton	45				
	01 = 1 Ton	23				
	38 = 3/8 Ton (SR)	60				
	75 = 3/4 Ton (SR)	29				

Recommended options: Filter & Lubricator Regulator (if line pressure is over 110 PSI) Chain Container



#### **BUDGIT** 2200 SERIES AIR HOIST

CAPACITIES: 500 TO 2,000 LBS. - PULL CORD CONTROL.

Swivel Hook Suspension							
Туре	Capacity (Tons)	Product Code	**Lifting Speed Maximum (FPM)	**Lowering Speed Maximum (FPM)	Weight (Pounds)	User Price	
1:101:	1/4	2211	65	95	36	\$5,372.00	
Link Chain Standard Model	1/2	2215	45	120	36	\$5,385.00	
Stalldald Model	1	2219	23	60	49	\$6,623.00	
Link Chain	3/8	2241	60	100	36	\$6,629.00	
Spark-Resistant	3/4	2243	29	52	49	\$8,402.00	
	1/4	2201	65	95	37	\$5,641.00	
Roller Chain	1/2	2203	45	120	37	\$5,641.00	
	1	2205	23	60	51	\$6,924.00	

NOTE:	Δir	Inlot	Siza	ic 3/8"	NPTF

Lug Suspension						
Туре	Capacity (Tons)	Product Code	**Lifting Speed Maximum (FPM)	**Lowering Speed Maximum (FPM)	Weight (Pounds)	User Price
Link Ohnin	1/4	2251	65	95	36	\$5,372.00
Link Chain Standard Model	1/2	2255	45	120	36	\$5,385.00
Standard Widden	1	2259	23	60	49	\$6,623.00
Link Chain Spark-	3/8	2281	60	100	36	\$6,629.00
Resistant	3/4	2283	29	52	49	\$8,402.00

Metal chain containers are included as standard on all 1/4 & 1/2 Ton models with 25' lift or less and 1 Ton models with 22' lift or less except for spark-resistant models and roller chain models.

To price Hoists with chain containers for lifts greater than standard lifts mentioned, deduct \$191.00 from the 1/4 & 1/2 Hoists and \$389.00 from the 1 Ton hoists, and add appropriate chain container from page 87-88.

#### CAPACITIES: 500 TO 2,000 LBS. - PENDANT THROTTLE CONTROL

	Swivel Hook Suspension							
Туре	Capacity (Tons)	Product Code	**Lifting Speed Maximum (FPM)	**Lowering Speed Maximum (FPM)	Weight (Pounds)	User Price		
1:101:	1/4	2212	65	95	46	\$6,381.00		
Link Chain Standard Model	1/2	2216	45	120	46	\$6,388.00		
Standard Model	1	2220	23	60	59	\$7,623.00		
Link Chain	3/8	2242	60	100	46	\$7,652.00		
Spark-Resistant	3/4	2244	29	52	59	\$9,417.00		
	1/4	2202	65	95	47	\$6,659.00		
Roller Chain	1/2	2204	45	120	47	\$6,659.00		
	1	2206	23	60	61	\$7,949.00		

NOTE: Air II	nlet Size is	3/8" NPTF.
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Lug Suspension						
Туре	Capacity (Tons)	Product Code	**Lifting Speed Maximum (FPM)	**Lowering Speed Maximum (FPM)	Weight (Pounds)	User Price
Link Ohnin	1/4	2252	65	95	46	\$6,256.00
Link Chain Standard Model	1/2	2256	45	120	46	\$6,263.00
Standard Model	1	2260	23	60	59	\$7,475.00
Link Chain	3/8	2282	60	100	46	\$7,503.00
Spark-Resistant	3/4	2284	29	52	59	\$9,234.00

#### ADD-ON PRICES FOR OTHER THAN 10' LIFTS\*

	Standar	rd Chain	Plated Link Chain		
Capacity (Tons)	Roller Chain Models	Link Chain Models	Add for Each Additional Foot of Lift	Pendant Hose Drop (Ft.)	
1/4, 1/2	\$54.45	\$23.50	\$23.50		
1	\$108.90	\$47.00	\$47.00	\$10.30	
3/8 Spark-Resistant –		\$98.50	\$98.50	\$10.30	
3/4 Spark-Resistant	park-Resistant –		\$197.00		

NOTE: Air Inlet Size is 3/8" NPTF.

Equipped with 6' pendant control hose assembly, maximum pendant drop is 72'

NOTES: 10' lifts are standard, longer lifts available. Equipped with 6' pendant control hose. Speeds are based on 90 psi line pressure with full rated Hoist load. Rated air supply is 48 CFM (full load-full speed). Always install a filter and lubricator in air line for each Hoist.

Add on prices for other than standard 10' Lifts.

To compute total price of Hoist with other than standard 10' lift, add to the price of desired 10' Hoist the additional charges as instructed below:

- 1. If control hose is to be lengthened, add the charge for each additional foot of hose over 6'
- 2. If load chain is to be lengthened, add the charge for each additional foot of lift over 10'

NOTE: CM AirStar chain Hoists are metric rated, except the spark-resistant models.

# AIRSTAR AIR HOISTS

#### CAPACITIES: 500 TO 2,000 LBS. - PULL CORD CONTROL

	Swivel Hook Suspension							
Туре	Capacity (Tons)	Product Code	**Lifting Speed Maximum (FPM)	**Lowering Speed Maximum (FPM)	Weight (Pounds)	User Price		
1:101:	1/4	7400C	65	95	36	\$5,372.00		
Link Chain Standard Model	1/2	7401C	45	120	36	\$5,385.00		
Stallual u Wouel	1	7402C	23	60	49	\$6,623.00		
Link Chain	3/8	7403A	60	100	36	\$6,629.00		
Spark-Resistant	3/4	7404A	29	52	49	\$8,402.00		
	1/4	7400A	65	95	37	\$5,641.00		
Roller Chain	1/2	7401A	45	120	37	\$5,641.00		
	1	7402A	23	60	51	\$6,924.00		

NOTE: Air Inl	et Size is 3/8" NPTF	
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Lug Suspension							
Туре	Capacity (Tons)	Product Code	**Lifting Speed Maximum (FPM)	**Lowering Speed Maximum (FPM)	Weight (Pounds)	User Price	
Link Ohnin	1/4	7400F	65	95	36	\$5,372.00	
Link Chain Standard Model	1/2	7401F	45	120	36	\$5,385.00	
Standard Woder	1	7402F	23	60	49	\$6,623.00	
Link Chain	3/8	7403C	60	100	36	\$6,629.00	
Spark-Resistant	3/4	7404C	29	52	49	\$8,402.00	

Metal chain containers are included as standard on all 1/4 & 1/2 Ton models with 25' lift or less and 1 Ton models with 22' lift or less except for spark-resistant models and roller chain models.

To price Hoists with chain containers for lifts greater than standard lifts mentioned, deduct \$191.00 from the 1/4 & 1/2 Hoists and \$389.00 from the 1 Ton Hoists, and add appropriate chain container from page 87-88.

#### CAPACITIES: 500 TO 2,000 LBS. - PENDANT THROTTLE CONTROL

Swivel Hook Suspension							
Туре	Capacity (Tons)	Product Code	**Lifting Speed Maximum (FPM)	**Lowering Speed Maximum (FPM)	Weight (Pounds)	User Price	
1:101:	1/4	7400D	65	95	46	\$6,381.00	
Link Chain Standard Model	1/2	7401D	45	120	46	\$6,388.00	
Standard Model	1	7402D	23	60	59	\$7,623.00	
Link Chain	3/8	7403B	60	100	46	\$7,652.00	
Spark-Resistant	3/4	7404B	29	52	59	\$9,417.00	
Roller Chain	1/4	7400B	65	95	47	\$6,659.00	
	1/2	7401B	45	120	47	\$6,659.00	
	1	7402B	23	60	61	\$7,949.00	

NOTE: Ai	r Inlet Size	is 3/8"	NPTF.
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Lug Suspension							
Туре	Capacity (Tons)	Product Code	**Lifting Speed Maximum (FPM)	**Lowering Speed Maximum (FPM)	Weight (Pounds)	User Price	
Link Ohnin	1/4	7400G	65	95	46	\$6,256.00	
Link Chain Standard Model	1/2	7401G	45	120	46	\$6,263.00	
	1	7402G	23	60	59	\$7,475.00	
Link Chain	3/8	7403D	60	100	46	\$7,503.00	
Spark-Resistant	3/4	7404D	29	52	59	\$9,234.00	

#### ADD-ON PRICES FOR OTHER THAN 10 FOOT LIFTS\*

	Standar	rd Chain	Plated Link Chain	Pendant
Capacity (Tons)	Roller Chain Models	Link Chain Models	Add for Each Additional Foot of Lift	Hose Drop (Ft.)
1/4, 1/2	\$54.45	\$23.50	\$23.50	
1	\$108.90	\$47.00	\$47.00	\$10.30
3/8 Spark-Resistant	t – \$98.50 \$9		\$98.50	\$10.30
3/4 Spark-Resistant	-	\$197.00	\$197.00	

NOTE: Air Inlet Size is 3/8" NPTF.

Equipped with 6' pendant control hose assembly, maximum pendant drop is 72'

NOTES: 10' lifts are standard, longer lifts available. Equipped with 6' pendant control hose. Speeds are based on 90 psi line pressure with full rated Hoist load. Rated air supply is 48 CFM (full load-full speed). Always install a filter and lubricator in air line for each Hoist.

Add on prices for other than standard 10' Lifts.

To compute total price of Hoist with other than standard 10' lift, add to the price of desired 10' Hoist the additional charges as instructed below:

- 1. If control hose is to be lengthened, add the charge for each additional foot of hose over 6'
- 2. If load chain is to be lengthened, add the charge for each additional foot of lift over 10'

NOTE: CM AirStar chain Hoists are metric rated, except the spark-resistant models.

**POWERED HOISTS, TROLLEYS & CRANE KITS** 

# AIR CHAIN HOISTS

SECTION CONTENTS:
BUDGIT SERIES 6000
CM AIRSTAR 6

# AIRSTAR 6

SERIES 6000

The following list of 6000 series catalog numbers are Budgit standard models, all with 10' lifts only.					
911641C	911651C				
911642C	911652C				
911644C	911694C				

If any 6000 series air Hoist is ordered other than the standard above, the following model numbers will appear on the Hoist and box.

BAHC 0113						
BAHC	25	65				
Budgit	Capacity	Speeds (Lifting)				
Air	50 = 1/2 Ton (SR only)	(FPM)				
Hoist	01 = 1 Ton	13				
	02 = 2 Ton	30				
	03 = 3 Ton	06				
		15				
		04				
		10				
		16 (SR)				
		08 (SR)				
		05 (SR)				

Recommended options: Filter & Lubricator Regulator (if line pressure is over 110 PSI)



#### **BUDGIT** SERIES 6000 AIR HOIST

#### **CAPACITIES: 1 TO 3 TONS PENDANT THROTTLE CONTROL**

Hook Suspension — Standard Models								
Capacity (Tons)	Catalog Number	Weight (Pounds)	Full Load Hoist Speed (FPM)	Full Load Lowering Speed (FPM)	Parts of Load Chain	User Price		
1	911644C	97	13	18	1	\$8,337.00		
ı	911641C	99	30	42	'	\$8,542.00		
2	911645C	114	6	9	2	\$10,260.00		
2	911642C	116	15	21	_ Z	\$10,466.00		
3	911646C	148	4	6	3	\$11,911.00		
3	911643C	150	10	14	3	\$12,119.00		
Hook Suspension	– Spark and Corrosic	on Resistant M	lodels					
1/2	911683C	99	16	22	1	\$10,572.00		
1	911684C	116	8	11	2	\$12,161.00		
2	911685C	150	5	7	3	\$14,869.00		
Lug Suspension –	Standard Models							
1	911654C 911651C	110 112	13 30	18 42	1	\$8,337.00 \$8,542.00		
2	911655C 911652C	120 122	6 15	9 21	2	\$10,260.00 \$10,466.00		
3	911656C 911653C	168 170	4 10	6 14	3	\$11,911.00 \$12,119.00		
Lug Suspension —								
1/2	911693C	114	16	22	1	\$10,572.00		
1	911694C	124	8	11	2	\$12,161.00		
2	911695C	174	5	7	3	\$14,869.00		

#### ADD-ON PRICES FOR OTHER THAN 10' LIFTS\*

Capacity	Load Chain Per	Plate Load Chain	Pendant Hose Drop (Ft.)					
(Tons)	Foot Lift	Each Additional Foot of Lift	Hoist Only	Hoist & AMDT				
1	\$30.70	\$30.70						
2	\$61.40	\$61.40	\$17.90	\$29.60				
3	\$92.10	\$92.10						
Spark and Corrosi	Spark and Corrosion Resistant Models							
1/2	\$142.45	-						
1	\$284.90	_	\$17.90	\$29.60				
2	\$427.35	_						

When ordering always specify the following: Lift Pendant drop

Standard Pendant Control Drop is 6'.

NOTE: All 6000 Series Hoists include a load brake.

NOTE: 10' lifts are standard, longer lifts available. Equipped with 6' pendant control hose. Speeds based on 90 psi line pressure with full rated Hoist load. Rated air supply is 80 CFM (full load – full speed). Always install a filter and lubricator in air line for each Hoist.

Add-on prices for other than standard 10' Lifts:

To compute total price of Hoist with other than standard 10' lift, add to the price of desired 10' lift Hoist the additional charges as instructed below:

- $^{\star}1.$  If control hose is to be lengthened, add the charge for each additional foot of hose over 6'
- 2. If load chain is to be lengthened add the charge for each additional foot of lift over  $10^{\circ}$

Series 6000 Air Chain Hoists are metric rated.

Polyethylene Chain containers are standard on all 6000 Series Chain Hoists (BAHC) 1 Ton for 28' lift or less, 2 Ton for 20' of lift or less, and 3 Ton for 16' of lift or less except for spark resistant models which are not included. To price Hoists with chain containers for lifts greater than the standard lifts mentioned, deduct \$178.00 for 2 Ton or \$287.00 for 3 Ton from standard 10' list price, then add the appropriate fabric or metal chain container listed on page 87-88. On 1 Ton Hoists with lifts 18' or less, we will provide the #922440 chain container. Polyethylene Chain containers are designed to fit current 6000 Series (BAHC) or newer models.

For older 6000 Series (BAH) models, a fabric or metal chain container must be used.

 $<sup>\</sup>ensuremath{^\star}$  Maximum pendant control drop is 36'.



#### **CAPACITIES: 1 TO 3 TONS PENDANT THROTTLE CONTROL**

Hook Suspension — Standard Models						
Capacity (Tons)	Catalog Number	Weight (Pounds)	Full Load Hoist Speed (FPM)	Full Load Lowering Speed (FPM)	Parts of Load Chain	User Price
1	*7405A *7405B	97 99	13 30	18 42	1	\$8,337.00 \$8,542.00
2	7406A *7406B	114 116	6 15	9 21	2	\$10,260.00 \$10,466.00
3	7407A 7407B	148 150	4 10	6 14	3	\$11,911.00 \$12,119.00
ook Suspension	– Spark and Corrosio	n Resistant Mo	dels			
1/2	7408A	99	16	22	1	\$10,572.00
1	7409A	116	8	11	2	\$12,161.00
2	7410A	150	5	7	3	\$14,869.00
g Suspension –	Standard Models					
1	7405C *7405D	110 112	13 30	18 42	1	\$8,337.00 \$8,542.00
2	7406C *7406D	120 122	6 15	9 21	2	\$10,260.00 \$10,466.00
3	7407C 7407D	168 170	4 10	6 14	3	\$11,911.00 \$12,119.00
ıg Suspension –	Spark and Corrosion	Resistant Mod	els			
1/2	7408B	114	16	22	1	\$10,572.00
1	*7409B	124	8	11	2	\$12,161.00
2	7410B	174	5	7	3	\$14,869.00

# **CM** AIR HOIST OPTIONS & ACCESSORIES

#### ADD-ON PRICES FOR OTHER THAN 10' LIFTS\*

To compute total price of Hoist with other than standard 10' lift, add to the price of desired 10' Hoist the additional charges as instructed below:

- 1. If control hose is to be lengthened, add the charge for each additional foot of hose over 6'
- 2. If load chain is to be lengthened, add the charge for each additional foot of lift over 10'

Capacity	Load Chain Per	Plate Load Chain	Pendant H	lose Drop (Ft.)
(Tons)	Foot Lift	Each Additional Foot of Lift	Hoist Only	Hoist & AMDT
1	\$30.70	\$30.70		
2	\$61.40	\$61.40	\$17.90	\$29.60
3	\$92.10	\$92.10		
Spark and Corrosi	on Resistant Mode	ls		
1/2	\$142.45	-		
1	\$284.90	-	\$17.90	\$29.60
2	\$427.35	-		

Polyethylene Chain containers are standard on all Airstar 6 Series chain Hoists 1 Ton for 28' lift or less, 2 Ton for 20' lift or less, and 3 Ton for 16' lift or less (except for spark resistant models which are not included.) To price Hoists with chain containers for lifts greater than the standard lifts mentioned, deduct \$178.00 for 2 Ton or \$287.00 for 3 Ton from standard 10' list price, then add the appropriate fabric or metal chain container listed on page 87-88. On 1 Ton Hoists with lifts 18' or less, we will provide the #922440 chain container. Polyethylene Chain containers are designed to fit current Airstar 6 or newer models.

When ordering always specify the following: Lift Pendant drop

Standard pendant control drop is 6'.

\* Maximum pendant control drop is 36'.



#### BUDGIT AIR MOTOR-DRIVEN TROLLEYS\*

Standard									
Catalog Number	Capacity (Tons)	Flange Width Adjustment Range (Inches)	Weight (Pounds)	Traverse Speed (FPM)	User Price				
911706	1/4, 1/2 & 1	3 to 5	95	50	\$6,516.00				
911707	2	3-5/8 to 6-1/4	105	60	\$6,642.00				
911708	3	4 to 6-1/4	150	60	\$7,831.00				
Spark and Corrosic	n Resistant								
911710	3/8, 1/2, & 3/4	3 to 5	95	50	\$8,217.00				
911711	1	3-5/8 to 6-1/4	105	60	\$8,352.00				
911712	2	4 to 6-1/4	150	60	\$9,537.00				



4 lever pendant throttle control is standard with all Trolleys ordered with a 6000 Series Air Hoist.

# **AIR MOTOR-DRIVEN TROLLEYS\***

Product Code	Capacity (Tons)	Traverse Speed (FPM)	Flange Width Adjustment Range (Inches)	Weight (Pounds)	User Price
Standard					
7411A	1/4, 1/2, & 1	50	3 to 5	95	\$6,842.00
7412A	2	60	3-5/8 to 6	105	\$6,974.00
7413A	3	60	4 to 6-1/4	150	\$8,223.00
Spark and Co	orrosion Resistant				
7414A	3/8, 1/2 & 3/4	50	3 to 5	95	\$8,217.00
7415A	1	60	3-5/8 to 6	105	\$8,352.00
7416A	2	60	4 to 6-1/4	150	\$9,537.00

Description	Product Code	User Price
Redundant Support Hoist suspension redundant support for CM AirStar	402268	\$166.00
Pendant Throttle Conversion Kit Kit for converting the pull cord CM AirStar air Hoist to pendant throttle operation For longer than 6' pendant hose, add \$8.25 per foot.	402269	\$1,687.00
Adapter for Hook Suspension on Air MDT Hoist suspension redundant support for CM AirStar	32901001	\$797.00

# AIR MOTOR-DRIVEN TROLLEYS (KALB, KALC & YAL)

Catalog Number	Capacity (Tons)	Flange Width Adjustment Range (Inches)	Weight (Pounds)	Traverse Speed (FPM)	User Price
Standard					
FADT01	1/4, 1/2 & 1	3 to 5	95	50	\$6,842.00
FADT02	2	3-5/8 to 6	105	60	\$6,974.00
FADT03	3	4 to 6-1/4	150	60	\$8,223.00
Spark and Corro	sion Resistant				
YAMDT01SR	3/8, 1/2, & 3/4	3 to 5	95	50	\$8,628.00
YAMDT02SR	1	3-5/8 to 6-1/4	105	60	\$8,770.00
YAMDT03SR	2	4 to 6	150	60	\$10,014.00

Always specify the Hoist Product Code Number and that will operate with the Trolley. Models for Patented Track with narrow flat tread steel wheels are available. Models with extended Beam Flange Adjustment are available.

Use the electric Trolley beam flange adjustment pricing on page 48.

4 lever pendant throttle control is standard on all Trolleys ordered with a Budgit 6000 & CM Airstar 6. Air Motor-Driven Trolleys are equipped with 7' pendant control hose as standard. For longer than 7' control, add \$18.30 per foot For Hoist and MDT pendant hose add \$30.20 per foot

Maximum pendant control drop is 36'





702635





# YALE CHAIN CONTAINERS FOR AIR HOISTS

\$273.00

Standard Metal Chain Container for BUDGIT 2200 Series, CM Airstar & YALE YAL Air Hoists									
Catalog	Chain	Maximum Lengt	Maximum Length of Lift (Ft.)						
Number	Туре	1/4, 3/8, 1/2 Ton	3/4 & 1 Ton	(Pounds)	Price				
902631	Link	25	12	4 1/2	\$191.00				
902635	Link	45	22	9	\$389.00				
902632	Roller	15	-	6 1/2	\$307.00				
902633	Roller	30	15	11	\$389.00				
Spark and Corrosion Resistant Chain Container for BUDGIT 2200 Series, CM Airstar & YALE YAL Air Hoists									
902634	Link	25	12	5	\$820.00				
902636	Link	45	22	10	\$892.00				

Polyethylene Chain Containers for BUDGIT 6000 Series, CM Airstar 6 & YALE KALC Air Hoists									
Catalog	Chain	m Length of	Lift (Ft.)	User					
Number	Container Depth (Inches)	1 Ton	2 Ton	3 Ton	Price				
922440	10-3/16	18	9	6	\$178.00				
922441	12-5/16	28	14	9	\$178.00				
922442	15-13/16	40	20	13	\$178.00				
922443	20-1/16	50	25	16	\$287.00				

#### **LONGER LIFT CHAIN CONTAINERS**

Standard Link Chain for BUDGIT 2200 Series, CM Airstar & YALE YAL Air Hoists									
		Chain Container	Maximum Leng	yth of Lift (Ft.)					
Part Number	Suspension	Depth (Inches)	1/4 & 1/2 Ton	1 Ton	User Price				
44462021	Hook or Lug	22-1/2	60	30	\$341.00				
44462026		28-1/2	75	37	\$487.00				
44462031	Lug	33-1/2	90	45	\$631.00				
44462035		37-1/2	105	52	\$688.00				

Spark and Corrosion Resistant Link Chain for BUDGIT 2200 Series,CM Airstar & YALE YAL Air Hoists									
Part Number	Suspension	Chain Container	Maximum Leng	jth of Lift (Ft.)	User Price				
Part Number	Suspension	Depth (Inches)	3/8 Ton	3/4 Ton	User Price				
44455121	Hook or Lug	22-1/2	60	30	\$1,187.00				
44455126		28-1/2	75	37	\$1,234.00				
44455131	Lug	33-1/2	90	45	\$1,293.00				
44455135		37-1/2	105	52	\$1,345.00				

Spark & Corrosion Resistant Chain Container for BUDGIT 6000 Series,CM Airstar 6 & YALE KALC Air Hoists									
Catalog Maximum Length of Lift (Ft.) Weight									
Number	1/2 Ton	1 Ton	2 Ton (Pounds)	User Price					
905444	15	Do Not Use	Do Not Use	4	\$749.00				
905445	30	15	10	8	\$782.00				
905446	45	22	15	10	\$950.00				
905447	60	30	20	14	\$1,126.00				
905448	75	37	25	15	\$1,231.00				
905449	90	45	30	16	\$1,296.00				

Long Lift Spark & Corrosion Resistant Chain Container for BUDGIT 6000 Series, CM Airstar 6 & YALE KALC Air Hoists								
Catalog	Maxin	User Price						
Number	1/2 Ton	1 Ton	2 Ton	User Price				
439425*1	60	30	20	\$1,470.00				
439425*2	90	45	30	\$1,522.00				
439425*3	120	60	40	\$1,574.00				
439425*4	150	75	50	\$1,608.00				
439425*5	180	90	60	\$1,658.00				
439425*6	210	105	70	\$1,721.00				

<sup>\* 1/2</sup> Ton insert number 1

Link chain Hoists using these long lift containers must be lug suspended, cross mounted. Chain containers are supported from the Trolley suspension pins. Chain containers are low headroom design,  $10\text{-}1/2^\circ$  wide.



<sup>1</sup> Ton insert number 2 2 Ton insert number 3







# **AIR HOIST OPTIONS & ACCESSORIES**

#### **BUDGIT 2200 SERIES, CM AIRSTAR & YALE YALC FABRIC CHAIN CONTAINERS**

Product Code	Chain Type	Weight (Pounds)	Chain Container Maximum Length of Lift (Feet)		Maximum Length of Lift (Feet)	
Product Code Chain I	Chain Type	Type weight (Founds)	Depth (Inches)	1/4 to 1/2 Ton	1 Ton	User Price
931850	Link	3	10	20	10	\$587.00
931855	Link	3	15	40	20	\$621.00

#### BUDGIT 6000 SERIES, CM AIRSTAR 6 & YALE KALC FABRIC CHAIN CONTAINERS

Product Code	odust Codo Chain Tuno Weight Con			Maximum Length of Lift (Feet)				
Product Code	Chain Type	(Pounds)	Container Depth (Inches)	1/4 to 1/2 Ton	1 Ton	2 Ton	3 Ton	User Price
931851	Link	3	10	20	20	10	N/A	\$425.00
931852	Link	3	13	30	30	15	10	\$443.00
931853	Link	3	15	40	40	20	13	\$503.00
931854	Link	3	18	50	50	25	16	\$575.00
931856	Link	3	20	60	60	30	20	\$646.00

#### CM SHOPAIR, BULK LOAD CHAIN

Description	Diameter (Inches)	Chain Per Foot Product Code	User Price Per Foot	Chain Drum Product Code	Length Per Drum (Ft.)	Weight (Pounds)	User Price Per Drum
Load Chain	0.157	85988	\$19.05	-	-	-	_
Load Chain	0.157	85988	\$19.05	85018	250	66	\$4,762.50
Load Chain	0.157	85988	\$19.05	85019	500	126	\$9,525.00
Load Chain	0.157	85988	\$19.05	85020	1000	244	\$19,050.00
Load Chain	.157 Z/P	85989	\$20.55	_	-	-	_





BUDGIT Hoists



# **AIR HOIST OPTIONS & ACCESSORIES**

#### **AIR HOSE ASSEMBLY**

Assembly requires Catalog Number for both hose and fittings.

Catalog Number	Inside Dimension (Inches)	Outside Dimension (Inches)	Braid	Maximum PSI	Weight Per Ft. (lbs.)	User Price (Per Ft.)
901610	1/2	15/16	1	200	0.33	\$4.95
901611	3/4	1 1/4	2	225	0.52	\$4.95
901612	1	1 1/2	2	200	0.65	\$10.30

#### **FITTINGS**

Male swivel at each end.

Catalog Number	Hose Inside Dimension (In.)	Thread Size M-NPT (In.)	User Price (Per Pair)
901614	1/2	3/8	\$74.00
901615	3/4	1/2	\$78.00
901616	1	3/4	\$124.00

#### FITTINGS WITH QUICK DISCONNECT

Quick disconnect on one end-standard male swivel on opposite end.

Catalog Number	Hose ID (In.)	Thread Size M-NPT (In.)	User Price (Pair)
901618	1/2	3/8	\$119.00
901619	3/4	1/2	\$158.00
901620	1	3/4	\$273.00

#### **RECOIL AIR HOSE**

Self-Storing Air Hose with Fittings.

Catalog Number	Hose Size Inside Dimension (Inches)	х	Working Length (Ft.)	Fittings Each End	User Price
901621	1/2	Х	15	3/8 NPTF Male	\$218.00
901622	1/2	Х	25	Swivel Fittings	\$273.00
901624	3/4	Х	15	O/ANDTE Mala	\$437.00
901625	3/4	Х	25	3/4 NPTF Male Swivel Fittings	\$540.00
901626	3/4	Х	50	Swiverrittings	\$867.00

Nylon cable and eye bolts not included. Nylon coated cable with eyebolt fittings each end for supporting recoil air hose (supports by others).

Catalog Number	Length (Ft.)	User Price
901629	25	\$119.00
901630	50	\$190.00

#### **REDUNDANT SUPPORT**

Hoist Suspension redundant support for Series 2200 Hoist.

Catalog Number	User Price
402268	\$163.00

#### PENDANT THROTTLE CONVERSION KIT

Kit for converting pull cord air Hoist to pendant throttle operation. Used on Series 2200 Budgit Air Hoist, CM Airstar & Yale YALC.

Catalog Number	User Price
402269	\$1,655.00

For longer than 6" pendant hose, add \$8.55 per foot.

#### **AIR HOSE TROLLEYS**

2-5/8" - 6" flange.

Catalog Number	For Hose Size	User Price (Each)
40254	5/8" - 1½" Hose	\$61.00

#### **WIRE ROPE FESTOON SYSTEMS**

For air supply hose, ½" to 1" ID hose.

Catalog Number	Working Travel (Ft.)	Loop Depth (Ft.)	Overall Length (Ft.)	Weight (Pounds)	User Price
901601	16	3	18.5	11	\$575.00
901001	21	4	23.5	11	\$5/5.00
901602	28	3	31.1	13	\$1,133.00
901002	37	4	40.1		\$1,133.00
901603	40	3	43.6	15	\$1,167.00
901003	52	4	55.6	13	\$1,107.00

System Includes: End clamp assemblies, Hardware Kit, Intermediate carriers (quantities based upon overall length). Nylon covered wire rope per required length. Air hose not included.

#### FILTER-LUBRICATOR UNITS

Catalog Number	Inlet/Outlet Size (In.)	Bowl Size	Weight (Pounds)	User Price
* 902960	3/8 (2200 Series)	11 oz.	6	\$389.00
* 902961	1/2 (AMDT)	11 oz.	7	\$466.00
902962	3/4 (6000 Series)	24 oz.	11	\$867.00
902963	1	24 oz.	15	\$867.00

#### FILTER-REGULATOR-LUBRICATOR UNITS

Catalog Number	Inlet/Outlet Size (Inches)	Bowl Size	Weight (Pounds)	User Price		
* 902966	3/8 (2200 Series)	11 oz.	14	\$575.00		
* 902967	1/2 (AMDT)	11 oz.	15	\$705.00		
902968	3/4 (6000 Series)	24 oz.	20	\$1,193.00		
902969	1	24 oz.	20	\$1,193.00		

<sup>\*</sup> Not for use with 6000 Series Air Hoist

#### **LUG KIT**

Used on Series 2200 Budgit Air Hoist, CM Airstar, & Yale YALC. Converts hook mount to lug.

Catalog Number	Inlet/Outlet Size (In.)	Price
22185610	1/4, 1/2 and 3/8	\$320.00
22412301	3/4 and 1	\$537.00

#### **BULLARD HOOK OPTIONS**

Bullard Hook For:	User Price, Add				
DUIIAIU NOOK FUI.	Upper	Lower			
BUDGIT Electric and Air Hoist					
1/4 and 1/2 Ton	P.O.A.	\$239.00			
1 Ton	P.O.A.	\$267.00			
2 Ton	P.O.A.	\$341.00			
3 Ton	P.O.A.	P.O.A.			

\*Normally not stocked.







# **AIR HOIST OPTIONS & ACCESSORIES**

Supplemental External Muffler, in addition to our standard internal mufflers.	Price
BUDGIT 2200 Series, CM Airstar & YALE YAL Air Hoists	\$336.00
BUDGIT 6000 Series, CM Airstar 6 & YALE KALC Air Hoists or Air Motor Driven Trolleys	\$862.00
Deduct Two Lever Pendant Throttle Control, pendant by others	
BUDGIT 2200 Series, CM Airstar & YALE YAL Air Hoists	\$376.00
BUDGIT 6000 Series, CM Airstar 6 & YALE KALC Air Hoists or Air Motor Driven Trolleys	\$376.00
Add Six Lever Pendant to Trolley & Hoist	\$3,128.00
Add Four Lever Pendant to Trolley without Hoist	\$1,312.00
Add Four Lever Pendant to 2200 with Motor Driven Trolley	\$1,079.00
Zinc Plated Hooks	
BUDGIT 2200 Series, CM Airstar & YALE YAL Air Hoists	\$119.00
BUDGIT 6000 Series, CM Airstar 6 & YALE KALC Air Hoists	\$83.00
Drop Stops (safety lugs) and bumpers for AMDT & Heavy Duty Rigid Mount Trolleys	
Drop Stops (steel only) – plain and geared Trolleys	\$573.00
Drop Stops with Rubber Bumper – plain and geared Trolleys	\$1,147.00
Drop Stops with Rubber Bumpers – Motorized Trolley	Standard
Patented Track Wheels Air Motor Driven Trolleys, 3¼ inch minimum flange width	
Standard Trolley.	\$724.00
Spark Resistant Trolley.	\$1,507.00
Food Grade Lubrication Hoists	
BUDGIT 2200 Series, CM Airstar & YALE YALC Air Hoists	\$211.00
BUDGIT 6000 Series, CM Airstar 6 & YALE KALC Air Hoists	\$211.00
Epoxy Enamel Paint, three coat system per data sheet	
Each Hoist, Trolley & Chain Container combination.	\$1,197.00
Rigid Top Hook – not available on spark resistant units	
BUDGIT 2200 Series, CM Airstar & YALE YALC Air Hoists	\$76.00
BUDGIT 6000 Series, CM Airstar 6 & YALE KALC Air Hoists (1 & 2 Ton)	\$49.00
BUDGIT 6000 Series, CM Airstar 6 & YALE KALC Air Hoists (3 Ton)	\$249.00
Relabeling Hoist capacity – BUDGIT 2200 Series, CM Airstar & YALE YALC Air Hoists	\$281.00
Derate & Reset Clutch – BUDGIT 6000 Series, CM Airstar 6 & YALE KALC Air Hoists	\$439.00
Trolley Travel Limit Switch (trip dog by others)	\$4,761.00



**POWERED HOISTS, TROLLEYS & CRANE KITS** 

# AIR CHAIN HOISTS

SECTION CONTENTS:

CM LODESTAR AIR XL

LODESTAR AIR XL

# **CM** LODESTAR AIR XL HOIST

Capacity			Lifting † Product	Hook		Plain		Geared		Motor Driven	
(Pounds)	Recving	Speed (FPM)	Code	User Price	Weight (Pounds)	User Price	Weight (Pounds)	User Price	Weight (Pounds)	User Price	Weight (Pounds)
2	1	31	5340	\$19,591.00	347	\$21,355.00	407	\$22,165.00	452	\$29,286.00	505
3	2	21	5341	\$20,390.00	421	\$22,641.00	476	\$23,764.00	491	\$31,754.00	569
5	2	13	5342	\$20,598.00	421	\$23,304.00	576	\$24,763.00	586	\$33,505.00	611
6	3	10	5343	\$22,493.00	453	\$25,321.00	608	\$26,824.00	618	\$35,460.00	643
7-1/2	3	9	5344	N/A	N/A	\$26,845.00	608	\$28,327.00	618	\$37,504.00	643

All units shown contain 10' Lift.

#### CHARGES FOR EXTRA LIFT (OVER 10')

Description	User Price Per Ft.
2 Ton - 1 Part Reeving	\$51.45
3, 5 Ton - 2 Part Reeving	\$102.90
6, 7-1/2 Ton - 3 Part Reeving	\$154.35

Plated Chain, Per Foot Add:					
2 Ton – 1 Part Reeving	\$52.50				
3, 5 Ton – 2 Part Reeving	\$105.00				
6, 7-1/2 Ton - 3 Part Reeving	\$157.50				

#### LODESTAR AIR XL HOIST OPTIONS

Description	User Price
Additional Two Thumb Lever	\$789.00
Filter & Lubricator	\$1,004.25
Filter Regulator — Lubricator	\$1,381.25
<b>Pendant Drop</b> Hoist Only — per foot adder	\$18.45
Hoist with AMDT — per foot adder For pendant drops over 72 feet, consult factory.	\$32.05

**TROLLEY SPARK-RESISTANT PACKAGE\*\*** 

Description	User Price
2 Ton	\$1,677.85
3, 5, 6, 7-1/2 Ton	\$1,905.50

<sup>\*\*</sup> Bronze Trolley Wheels

#### **HOIST SPARK-RESISTANT PACKAGE\*\***

Description	User Price
2 Ton	\$2,389.60
3, 5 Ton	\$3,209.50
6, 7-1/2 Ton	\$3,872.80

 $<sup>\</sup>ensuremath{^{\star\star}}$  Copper plated hooks and lower blocks, stainless steel hook latch, plated load chain.

#### **TROLLEY OPTIONS**

Flange Adjustment - 4" through 6-1/4".

Description	User Price
Over 6-3/8" through 8-5/8"	\$230.70
Over 8-3/4" through 11"	\$331.65

For 2 Ton Motor Driven Trolley, use the 3 -7-1/2 Ton adders.

#### LODESTAR AIR XL HOIST CHAIN CONTAINERS

Product	Product Bucket				М	User
Code	Length (In.)	(Pounds)	1 Part 2 Ton	2 Part 3, 4, 5 Ton	3 Part 6, 7-1/2 Ton	Price
5241	10	12	27	14	9	\$1,005.00
5281	15	16	50	25	17	\$1,019.00
5242	20	20	73	36	24	\$1,074.00
5282	25	23	95	48	32	\$1,101.00
5243	30	26	118	59	39	\$1,133.00

<sup>&</sup>lt;sup>†</sup> Add suffix to product code: H for Hook Suspension, P for Plain Trolley, G for Geared Trolley or M for Motor Driven Trolley (hook suspension not available for 7-1/2 Ton capacity).

# CRANE KITS & COMPONENTS





**SUDGIT** Hoists

**COFFING** HOISTS

# **CRANE COMPONENTS**

#### **UNDERHUNG & TOP RUNNING PUSH TYPE BRIDGE CRANE KITS**

#### **PUSH TYPE UNDERHUNG**

Catalog Number	Runway Beam Flange Adjustment Range (In.)	Capacity (Tons)	Maximum Span (Feet)	Remarks	Weight (Pounds)	User Price
		s				
905360		1/2	30	D		\$3,507.00
905360	3 to 8	1	24	Pressed Steel Wheels	300	\$3,507.00
905360SR		1	24	Spark Resistant Wheels		\$4,811.00
905361	3-3/8 to 8			Pressed Steel Wheels	310	\$3,908.00
905362	3-3/6 (0 6	2	30	Forged Steel Wheels		\$3,082.00
905362PT	3-1/4	2	2 30	Patented Track Wheels	320	\$5,044.00
905362SR	3-3/8 to 8			Spark Resistant Wheels		\$6,475.00
		Ch	annel Construction Truc	ks		
905368	3-3/8 to 5-1/2			Forged Steel Wheels	380	\$5,230.00
905368W1	5-1/2 to 8				390	\$4,897.00
905368W2	8 to 10-1/2		36		400	\$6,266.00
905368SR	3-3/8 to 5-1/2	3		Spark Resistant Wheels	200	\$7,173.00
905368PT	3-1/4		Patented Track Wheels	380	\$6,694.00	
905368S	3-3/8 to 5-1/2		24	3' Short Wheelbase	330	\$5,115.00
905524	4 to 6-1/4				550	\$7,812.00
905524W1	6-3/8 to 9			Forged Steel Wheels	560	\$9,353.00
905524W2	9 to 11-1/2	5	36		570	\$10,252.00
905524PT	3-1/4	5		Patented Track Wheels	550	\$13,008.00
905524SR	4 to 6-1/4			Spark Resistant Wheels	550	\$12,580.00
905524S	4100-1/4		24	3' Short Wheelbase	495	\$7,542.00

NOTE: Push Type Kits Consist of: 2 End Trucks (1 pair).

#### **PUSH TYPE TOP RUNNING\***

Catalog Number	Capacity (Tons)	Maximum Span (Feet)	Remarks	Weight (Pounds)	User Price
904535			8" Ductile Iron Wheels	450	\$4,899.00
904535SR		36	8" Spark Resistant Wheels		\$15,437.00
904535L	<b>5</b>		8" Ductile Iron Wheels 6' Wheel Base	495	\$14,188.00
904535S		24	8" Ductile Iron Wheels 3' Short Wheel Base	405	\$9,472.00

End connection kit sold separately #51525050 **\$624.00** list

 $\hbox{$^*$Wheels are designed to be run on ASCE rail only, for square bar applications, contact factory.}$ 

NOTE: Push Type Kits Consist of: 2 End Trucks (1 pair).



#### **UNDERHUNG & GEARED BRIDGE CRANE KITS**

#### HAND GEARED UNDERHUNG

For Runway Flange Widths of 3-3/8" to 5-1/2" for 3 Maximum Tons\*.

#### **STANDARD**

For Runway Flange Widths of 4" to 6-1/4" for 5 Maximum Tons\*\*.

						Kit Consists Of					
Capacity (Tons)	Maximum Span (Feet)	Kit Number	List Price	Weight (Pounds)	End Truck Catalog	Cross Shaft Support		Cross Shaft Coupling			
(10.10)	(. 33.)				Number	Quantity	Catalog Number	Quantity	Catalog Number		
	15	B03/15UHG	\$7,069.00	440		1		2			
	22	B03/22UHG	\$7,285.00	442	4" TD 905369 4'6" WB	2		2			
3	29	B03/29UHG	\$7,625.00	446		3		3			
	36	B03/36UHG	\$7,841.00	448		4		3			
	48	B03/48UHG	\$13,267.00	550	905380 6' WB	6	905373	4	905374		
	15	B05/15UHG	\$10,718.00	520		1		2			
_	22	B05/22UHG	\$10,970.00	522	00EE0E* 4'6" WD	2		2			
5	29	B05/29UHG	\$11,359.00	526	905525* 4'6" WB	3		3			
	36	B05/36UHG	\$11,614.00	528		4		3			

#### **SPARK RESISTANT**

						Kit Consists Of					
Capacity (Tons)	Maximum Span (Feet)	Kit Number	List Price	Weight (Pounds)	End Truck Catalog	Cross Shaft Support		Cross Shaft Coupling			
(10110)	(i dely	, rumser	11100	(i duiido)	Number	Quantity	Catalog Number	Quantity	Catalog Number		
	15	B03/15UHGSR	\$7,890.00	480		1		2			
	22	B03/22UHGSR	\$8,046.00	482	4" TD 905369	2		2			
	29	B03/29UHGSR	\$8,300.00	486	4'6" WB	3	905373	3			
3	36	B03/36UHGSR	\$8,460.00	488		4		3			
	48	B03/48UHGSR	\$19,245.00	550	6.5" TD 905380SR <sup>+†</sup> 6' WB	6		2	905374		
	15	B05/15UHGSR	\$16,448.00	570		1					
5	22	B05/22UHGSR	\$16,700.00	572	6.5" TD 905525 <sup>††</sup>	2		2			
5	29	B05/29UHGSR	\$17,091.00	576	4'6" WB	3		3			
	36	B05/36UHGSR	\$17,342.00	578		4		3			

Kit Consists Of: 904550 Hand Chain Wheel 8282 Hand Chain 36 Lineal Feet 8282SR Hand Chain 36 Lineal Feet Spark Resistant 2 End Trucks (1 pair) Cross Shaft Support as noted above Cross Shaft Coupling as noted above

NOTE: 1" diameter cross shaft - by others.

Standard kit hand chain is zinc plated, 36' long. Additional hand chain per lineal foot, add \$7.80.

Spark resistant kit hand chain aluminum, 36' long. Additional spark resistant hand chain per lineal foot, add **\$17.35**.

NOTE: Bridge Beam not Included in Kit.

Components Detailed in Application Guide

\*For flange widths of 5-1 /2" to 8" add \$442.00 \*For flange widths of 8" to 10-1/2" add \$566.00 \*For patent track add \$679.00

\*\*For flange widths of 6-3/8" to 9" add \$455.00
\*\*For flange widths of 9" to 11-1 /2" add \$854.00
\*\*For patent track add \$1,171.00

 $^{\text{t}}\text{For flange widths of 5-1 /2" to 8" add $442.00}$   $^{\text{t}}\text{for flange widths of 8" to 10-1/2" add $566.00}$   $^{\text{t}}\text{For patent track}$  .......POA

"For flange widths of 6-3/8" to 9" add **\$455.00**"For flange widths of 9" to 11-1/2" add **\$854.00**"For patent track .......**\$4,981.00** 



# **CRANE KITS**

#### **TOP-RUNNING HAND GEARED BRIDGE CRANE KITS**

#### HAND GEARED UNDERHUNG

#### **STANDARD**

		Kit Number								Kit Con	Kit Consists Of			
Capacity (Tons)	Maximum Span (Feet)		List Price	Weight (Pounds)	End Truck Catalog	Cross Shaft Support		Cross Sha	t Coupling					
(10110)				(. 54	Number	Quantity	Catalog Number	Quantity	Catalog Number					
	15	B05/15TH	\$6,553.00	500		1		2						
	22	B05/22TH	\$6,710.00	515	8" TD 904536 4'6" WB	2	904540	2	905374					
5	29	B05/29TH	\$6,966.00	532		3	904340	3						
J	36	B05/36TH	\$7,125.00	549		4		3						
	48	B05/48TH	\$20,171.00	690	8" TD 904549 6' WB	6	904540L	4						

#### **SPARK RESISTANT**

		Kit Number							Kit Con	sists Of		
Capacity (Tons)	Maximum Span (Feet)		List Price	Weight (Pounds)	End Truck Catalog	Cross Shaft Support		Cross Sha	ft Coupling			
(10110)	( == 7			(. 5425)	Number	Quantity	Catalog Number	Quantity	Catalog Number			
	15	B05/15THSR	\$16,173.00	550		1		2				
	22	B05/22THSR	\$16,380.00	565	8" TD 904536SR	2	904540	2	905374			
5	29	B05/29THSR	\$16,586.00	582	4'6" WB	3	904540	3				
3	36	B05/36THSR	\$16,745.00	599		4		3	700074			
	48	B05/48THSR	\$26,259.00	740	8" TD 904549SR 6' WB	6	904540L	4				

Kit Consists Of: 904550 Hand Chain Wheel

204500 Halid Chain Wheel 2 End Trucks (1 pair) 36' Hand Chain Cross Shaft Support as noted above 1 Hand Chain Link Cross Shaft Coupling as noted above

NOTE: 1" diameter cross shaft — by others.

End connection kit sold separately 51525050 \$624.00 list

Standard kit hand chain is zinc plated, 36' long. Additional hand chain per lineal ft. add \$7.80

Spark resistant kit hand chain aluminum, 36' ft. long. Additional spark resistant hand chain per lineal ft. add **\$17.35** 

Wheels are designed to be run on ASCE rail only; For square bar applications, contact factory.



#### UNDERHUNG MOTORIZED BRIDGE CRANE KITS

#### MOTOR DRIVEN WITH SINGLE DRIVE UNDERHUNG

Note: All Motorized Endtrucks now include drops stops and bumpers.

For Runway Flange Width of 3-3/8" to 5-1/2"\*\*.

Capacity	Maximum	Speed	Kit	List I	Price	Weight (	Pounds)	End Truck	Kit Consists Of		
(Tons)	Span (Feet)	Speed (FPM)	Number	1 Speed	2 Speed	1 Speed	2 Speed	Catalog Number	Cross Shaft Support	Cross Shaft Coupling	Drive
		55	B03/08UC'55	\$10,302.00	\$10,942.00						
	8	70	B03/08UC'70	\$10,302.00	\$10,942.00	524	544		0		
		110	B03/08UC'110	\$10,302.00	\$10,942.00						
		55	B03/15UC*55	\$10,517.00	\$11,149.00						
15	70	B03/15UC*70	\$10,517.00	\$11,149.00	544	564		1	2		
		110	B03/15UC*110	\$10,517.00	\$11,149.00						
		55	B03/22UC*55	\$10,730.00	\$11,355.00		584	4" TD 905369 4'6" WB	2		1/2
1/4 through 3	22	70	B03/22UC*70	\$10,730.00	\$11,355.00						
illougho		110	B03/22UC*110	\$10,730.00	\$11,355.00						
		55	B03/29UC*55	\$11,075.00	\$11,685.00						
	29	70	B03/29UC*70	\$11,075.00	\$11,685.00	586	606		3		
		110	B03/29UC*110	\$11,075.00	\$11,685.00					3	
		55	B03/36UC*55	\$11,291.00	\$11,888.00					3	
	36	70	B03/36UC*70	\$11,291.00	\$11,888.00		626		4		
		110 B03/36UC*110 <b>\$11,291.00 \$11</b>	\$11,888.00								

\*Specify: 1 = Single-Speed 2 = Two-Speed

Kit Consists Of: 2 End Trucks (1 pair) 1 Reducer

2 =Two-Speed 1 Motor

1 Control Panel (NEMA 1) 1 Disconnect (NEMA 1)

Cross Shaft Support as noted above

Cross Shaft Coupling as noted above

NOTE: 1" diameter cross shaft - by others.

Specify Voltage when ordering

 ${\sf Add}~\$528.00~{\sf to}~{\sf kit}~{\sf price}~{\sf for}~{\sf single}~{\sf phase}~{\sf only}~{\sf Components}~{\sf Detailed}~{\sf in}~{\sf Application}~{\sf Guide}$ 

\*\*For flange widths of 5-1/2" to 8" add \$442.00

\*\*For flange widths of 8" to 10-1 /2" add \$566.00

\*\*For Patented Track add \$679.00

#### MOTOR DRIVEN WITH SINGLE DRIVE UNDERHUNG

Note: All Motorized Endtrucks now include drops stops and bumpers.

For Runway Flange Width of 3-3/8" to 5-1/2"\*\*.

Capacity	Maximum	Speed	Speed Kit (FPM) Number	List I	Price	Weight (	Pounds)	End Truck	Kit Consists Of		
(Tons)	Span (Feet)	(FPM)	Number	1 Speed	2 Speed	1 Speed	2 Speed	Catalog Number	Cross Shaft Support	Cross Shaft Coupling	Drive
		50	B05/08UC*50	\$14,448.00	\$15,088.00						
	8	65	B05/08UC'65	\$14,448.00	\$15,088.00	524	544		0		
		100	B05/08UC'100	\$14,448.00	\$15,088.00						
		50	B05/15UC*50	\$14,697.00	\$15,321.00		544 564			2	
	15	65	B05/15UC*65	\$14,697.00	\$15,321.00	544			1		
		100	B05/15UC*100	\$14,697.00	\$15,321.00						
		50	B05/22UC'50	\$14,942.00	\$15,560.00	564	584	6.5" TD 905525			1/2
5	22	65	B05/22UC'65	\$14,942.00	\$15,560.00				2		
		100	B05/22UC*100	\$14,942.00	\$15,560.00			4'6" WB			
		50	B05/29UC*50	\$15,338.00	\$15,941.00						
	29	65	B05/29UC*65	\$15,338.00	\$15,941.00	586	606		3		
		100	B05/29UC*100	\$15,338.00	\$15,941.00					3	
		50	B05/36UC*50	\$15,587.00	\$16,178.00					3	
	36	65	B05/36UC*65	\$15,587.00	\$16,178.00		626		4		
	30	100	B05/36UC*100	\$15,587.00	\$16,178.00						

\*Specify: 1 = Single-Speed 2 = Two-Speed

Kit Consists Of: 2 End Trucks (1 pair)

1 Reducer 2 =Two-Speed

1 Motor

1 Control Panel (NEMA 1)

1 Disconnect (NEMA 1) Cross Shaft Support as noted above Cross Shaft Coupling as noted above NOTE: 1" diameter cross shaft - by others.

Specify Voltage when ordering

Add \$528.00 to kit price for single phase only Components Detailed in Application Guide

\*\*For flange widths of 6-3/8" to 9" add \$455.00
\*\*For flange widths of 9" to 11-1 /2" add \$854.00
\*\*For Patented Track add \$1,171.00



#### UNDERHUNG MOTORIZED BRIDGE CRANE KITS

#### MOTOR DRIVEN WITH DUAL DRIVE UNDERHUNG

Note: All Motorized Endtrucks now include drops stops and bumpers.

36' Span Kit - For Runway Flange Width of 3-3/8" to 5-1/2"\*\*. 48' Span Kit For Runway Flange Width 4" to 61/4" to 61/4"

Capacity	Maximum Span	Speed	Kit	List I	Price	Weight (	Pounds)	End Truck	Drive
(Tons)	(Feet)	Speed (FPM)	Number	1 Speed	2 Speed	1 Speed	2 Speed	Catalog Number	(HP)
		55	B03/36UD*55	\$12,339.00	\$13,963.00			4" TD	
	36	70	B03/36UD*70	\$12,339.00	\$13,963.00	545	565	905369	(2) 1/2
		110	B03/36UD*110	\$12,339.00	\$13,963.00			4'6' WB	
1/4 through 3		50		NOT					
	48	65	B03/48UD*65	\$17,600.00	\$19,425.00	645	665	6.5" TD 905380	(2) 1/2
		100	B03/48UD*100	\$17,600.00	\$19,425.00		003	6' WB	(2) 1/2

<sup>\*</sup>Specify: 1 = Single-Speed 2 = Two-Speed

Kit Consists Of: 2 End Trucks (1 pair)

2 Motors

1 Control Panel (NEMA 1)

1 Disconnect (NEMA 1)

Specify Voltage when ordering. Components detailed in application guide.

\*\* For flange widths of 5-1/2" to 8" - add \$442.00
\*\*For flange widths of 8" to 10-1/2" - add \$566.00
\*\* For Patented Track - add \$679.00
"For Flange Widths of 6-3/8" to 9" - add \$455.00
"For Flange Widths of 9" to 11-1/2" - add \$854.00

\*For Patented Track - add \$1,171.00

#### MOTOR DRIVEN WITH DUAL DRIVE UNDERHUNG WITH 4-6 WB

Note: All Motorized Endtrucks now include drops stops and bumpers.

For Runway Flange Width of 4" to 6-1/4"\*\*.

					List F	Price	Weight (Pounds)				
	Capacity (Tons)	Maximum Span (Feet)	Speed (FPM)	Kit Number	1 Speed	2 Speed	1 Speed	2 Speed	End Truck Catalog Number	Drive (HP)	
ĺ			50	B05/36UD*50	\$16,792.00	\$18,667.00					
	5	36	65	B05/36UD*65	\$16,792.00	\$18,667.00	665	685	6.5" TD 905525	(2) 1/2	
				100	B05/36UD*100	\$16,792.00	\$18,667.00				

<sup>\*</sup>Specify: 1 = Single-Speed 2 = Two-Speed

Kit Consists Of: 2 End Trucks (1 pair)

2 Reducers 2 Motors

1 Control Panel (NEMA 1)

1 Disconnect (NEMA 1)

Specify Voltage when ordering.

Components detailed in application guide.

For Flange Widths of 6-3/8" to 9" - add \$455.00 For Flange Widths of 9" to 11-1/2" - add \$854.00 For Patented Track - add \$1,171.00

#### **CONTROL PANEL OPTIONS**

To Elimnate Panel and Disconnect Deduct	1 Speed	2 Speed
	-\$1,601.00	-\$1,980.00

To Upgrade to NEMA 4 - Add

\$1,381.00



#### **TOP RUNNING MOTORIZED BRIDGE CRANE KITS**

#### MOTOR DRIVEN WITH SINGLE DRIVE - TOP RUNNING

Note: All Motorized Endtrucks now include drops stops and bumpers.

Capacity	Maximum	Speed	Kit	List I	Price	Weight (	Pounds)	End Truck	Kit Consists Of		
(Tons)	Span (Feet)	Speed (FPM)	Number	1 Speed	2 Speed	1 Speed	2 Speed	Catalog Number	Cross Shaft Support	Cross Shaft Coupling	Drive
		55	B05/08TC*50	\$8,633.00	\$9,440.00						
	8	70	B05/08TC*70	\$8,633.00	\$9,440.00	529	554		0		
		110	B05/08TC*100	\$8,633.00	\$9,440.00						
	15	55	B05/15TC*50	\$8,793.00	\$9,600.00					2	
		70	B05/15TC*70	\$8,793.00	\$9,600.00	544	569		1		
		110	B05/15TC*100	\$8,793.00	\$9,600.00						
		55	B05/22TC*50	\$8,951.00	\$9,761.00	559	584	8" TD 904536			1/2
1/4 through 5	22	70	B05/22TC*70	\$8,951.00	\$9,761.00				2		
		110	B05/22TC*100	\$8,951.00	\$9,761.00			4'6" WB			
		55	B05/29TC*50	\$9,206.00	\$10,012.00						
	29	70	B05/29TC*70	\$9,206.00	\$10,012.00	576	601		3		
		110	B05/29TC*100	\$9,206.00	\$10,012.00					3	
		55	B05/36TC*50	\$9,366.00	\$10,171.00					3	
	36	70	B05/36TC*70	\$9,366.00	\$10,171.00		616		4		
30	110	B05/36TC*100	\$9,366.00	\$10,171.00		010					

\*Specify: 1 = Single-Speed

Kit Consists Of: 2 End Trucks (1 pair)

1 Reducer

2 = Two-Speed 1 Motor

1 Control Panel (NEMA 1)

1 Disconnect (NEMA 1) Cross Shaft Support as noted above Cross Shaft Coupling as noted above NOTE: 1" diameter cross shaft - by others.

End connection kit sold separately 51525050 \$624.00 List

Specify Voltage when ordering Add \$528.00 to kit price for single phase only (Not available in dual drive)

Components detailed in application guide.

Wheels are designed to be run on ASCE rail only, square bar applications are available upon request.

Square bar requirements; width 40mm maximum (1-1/2" maximum),

#### MOTOR DRIVEN WITH DUAL DRIVE - TOP RUNNING

Note: All Motorized Endtrucks now include drops stops and bumpers.

Capacity	Maximum Span	Speed	Kit	List I	Price	Weight (	Pounds)	End Truck	Drive
(Tons)	(Feet)	(FPM)	Number	1 Speed	2 Speed	1 Speed	2 Speed	Catalog Number	(HP)
		55	B05/36TD*50	\$10,142.00	\$11,362.00			8" TD	
	36	70	B05/36TD*70	\$10,142.00	\$11,362.00	575	615	904536	(2) 1/2
	30	100	B05/36TD*100	\$10,142.00	\$11,362.00			4'6" WB	
1/4 through 5		55			N	OT AVAILABLE			
		70	B05/48TD*70	\$27,860.00	\$31,114.00			8" TD	
	48	100	B05/48TD*100	\$27,860.00	\$31,114.00	675	715	904549 6'-0" WB	(2) 1/2

\*Specify: 1 = Single-Speed 2 = Two-Speed

Kit Consists Of: 2 End Trucks (1 pair) 2 Reducers

2 Motors 1 Control Panel (NEMA 1) 1 Disconnect (NEMA 1)

End connection kit sold separately 51525050 \$624.00 List.

Specify Voltage when ordering.

Components detailed in application guide.

Wheelbase exceeding 54" - line shaft drive applicable on 36' span and below only.

#### **CONTROL PANEL OPTIONS**

To Eliminate Panel and Disconnect Deduct	1 Speed	2 Speed
	-\$1,547.00	-\$1,913.00
To Upgrade to NEMA 4 — Add	\$1,334.00	



# **INDIVIDUAL CRANE COMPONENTS & OPTIONS**

# **UNDERHUNG**

Catalog Number	Runway Beam Flange	Remarks		Wt. (Pounds)	List Price	
Underhung End Trucks (1 pair) — 3 Ton Capacity						
905369	3-3/8" to 5-1/2"	Standard - 3 Ton		440	\$5,708.00	
905369W1	5-1/2" to 8"	Wider Flange		450	\$6,150.00	
905369W2	8" to 10-1/2"	Wider Flange		460	\$6,274.00	
905369PT	3-1/4"	Patented Track		440	\$6,387.00	
905369SR	3-3/8" to 5-1/2"	Spark Resistant		440	\$6,887.00	
905369SRW1	5-1/2" 108"	Spark Resistant		450	\$7,329.00	
905369SRW2	8" to 10-1/2"	Spark Resistant		460	\$7,453.00	
9053698	3-3/8" to 5-1/2"	3'-0" Short Wheelbase		390	\$5,492.00	
905369SW1	5-1/2" to 8"	3'-0" Short Wheelbase		400	\$5,932.00	
905369SPT	3-1/4"	3'-0" Short Wheelbase, Patent		390	\$6,214.00	
905369SSR	3-3/8" to 5-1/2"	3'-0" Short Wheelbase Spark F	Resistant	390	\$8,144.00	
905380	4" to 6-1/4"	6' Wheelbase		540	\$10,344.0	
905380W1	6-3/8" to 9"	Wider Flange		550	\$10,799.0	
905380W2	9" to 11-1/2"	Wider Flange		560	\$11,198.0	
905380PT	3-1/4"	Patented Track		540	\$15,325.0	
905380SR	4" to 6-1/4"	Spark Resistant		540	\$16,068.0	
905380W1SR	6-3/8" to 9"	Spark Resistant		550	\$16,523.0	
905380W2SR	9" to 11-1/2"	Spark Resistant		560	\$16,922.0	
nderhung End T	rucks (1 pair) – 5	Ton Capacity				
905525	4" to 6-1/4"	Standard- 5 Ton		560	\$8,976.00	
905525W1	6-3/8" to 9"	Wider Flange		570	\$9,431.00	
905525W2	9" to 11-1/2"	Wider Flange		580	\$9,830.0	
905525PT	3-1/4"	Patented Track		560	\$10,147.0	
905525SR	4" to 6-1/4"	Spark Resistant		560	\$14,285.0	
905525SRW1	6-3/8" to 9"	Spark Resistant		570	\$14,740.0	
905525SRW2	9" to 11-1/2"	Spark Resistant		580	\$15,139.0	
9055258	4" to 6-1/4"	3'-0" Short Wheelbase		505	\$6,566.00	
905525SW1	6-3/8" to 9"	3'-0" Short Wheelbase		515	\$7,021.00	
		3'-0" Short Wheelbase				
905525SW2	9" to 11-1/2"	3'-0" Short Wheelbase		525	\$7,420.00	
905525SW2  Catalog Num		3'-0" Short Wheelbase  Description	Weigh (Pound	nt.	\$7,420.00 List Price	
Catalog Num	ber		Weigh (Pound	nt. ds)	List Price	
Catalog Num	ber ntend Track, Spar	Description	Weigh (Pound	nt. ds)	List Price	
Catalog Num Pater	ber ntend Track, Spar	Description k Resistant Underhung End	Weigh (Pound d Trucks 440 Weig	nt. ds) — (1 pa ht.	List Price ir) \$17,331.00	
Catalog Num Pater 905369SRP	ber ntend Track, Spar	Description  rk Resistant Underhung End 3 Ton Geared  Description	Weigh (Pound d Trucks 440	nt. ds) — (1 pa ht.	List Price ir) \$17,331.00	
Catalog Num Pater 905369SRP Catalog Numb	ber Intend Track, Spar	Description  Resistant Underhung End Ton Geared  Description  Drive Components	Weigh (Pound d Trucks 440 Weig (Pour	nt. ds) — (1 pa ht.	List Price ir) \$17,331.00 List Price	
Catalog Num Pater 905369SRP Catalog Numb	ntend Track, Spar	Description  rk Resistant Underhung End 3 Ton Geared  Description  Drive Components oss Shaft Coupling	Weigh (Pound d Trucks 440 Weig (Poun	nt. ds) — (1 pa nht. nds)	List Price ir) \$17,331.00 List Price \$100.00	
Catalog Num Pater 905369SRP Catalog Numb 905374 905373	ntend Track, Span	Description  Rk Resistant Underhung End 3 Ton Geared  Description  Drive Components  coss Shaft Coupling  cross Shafi Support	Weigh (Pound d Trucks 440 Weig (Pour	nt. ds) — (1 pa ht. ds)	List Price ir) \$17,331.00 List Price \$100.00 \$171.00	
Pater 905369SRP Catalog Numb 905374 905373 904550	ntend Track, Spar T Der Cr Cr Hand Cha	Description  Rk Resistant Underhung End 3 Ton Geared  Description  Drive Components  coss Shaft Coupling  ross Shafi Support in Wheel for Budgi!Trucks	Weigh (Pound d Trucks 440 Weig (Pour 2 20 10	nt. ds) — (1 pa ht. nds)	List Price ir) \$17,331.00 List Price \$100.00 \$171.00 \$640.00	
Pater 905369SRP Catalog Numb  905374 905373 904550 8282	ntend Track, Spar	Description  Tk Resistant Underhung End 3 Ton Geared  Description  Drive Components  Coss Shaft Coupling  Cross Shafi Support  in Wheel for Budgi! Trucks d Chain 36 lineal feet	Weigh (Pound d Trucks 440 Weig (Pour 2 20 10	nt. ds) — (1 pa ht. nds)	List Price ir) \$17,331.00 List Price \$100.00 \$171.00 \$640.00 \$288.00	
Pater 905369SRP Catalog Numb 905374 905373 904550	tend Track, Span  T  Cr  Cr  Hand Cha  Hand Chain 3	Description  Rk Resistant Underhung End 3 Ton Geared  Description  Drive Components  coss Shaft Coupling ross Shafi Support in Wheel for BudgilTrucks d Chain 36 lineal feet 36 lineal foot Spark Resistant	Weigh (Pound d Trucks 440 Weig (Pour 2 20 10	nt. ds) — (1 pa ht. nds)	List Price ir) \$17,331.00 List Price \$100.00 \$171.00 \$640.00	
Pater 905369SRP* Catalog Numb  905374 905373 904550 8282 8282SR Catalog	tend Track, Span  T  Cr  Cr  Hand Cha  Hand Chain 3	Description  Tk Resistant Underhung End 3 Ton Geared  Description  Drive Components  Coss Shaft Coupling  Cross Shafi Support  in Wheel for Budgi! Trucks d Chain 36 lineal feet	Weigh (Pound d Trucks 440 Weig (Pound 2 20 100 18 16	nt. ds) — (1 pa lht. ds)	List Price ir) \$17,331.00 List Price \$100.00 \$171.00 \$640.00 \$288.00 \$620.00	
Pater 905369SRP* Catalog Numb  905374 905373 904550 8282 8282SR	tend Track, Span  T  Cr  Cr  Hand Cha  Hand Chain 3	Description  Rk Resistant Underhung End 3 Ton Geared  Description  Drive Components  coss Shaft Coupling ross Shafi Support in Wheel for BudgilTrucks d Chain 36 lineal feet 36 lineal foot Spark Resistant	Weigh (Pound d Trucks 440 Weig (Pound 2 20 100 18 16	nt. ds) — (1 pa ht. nds)	List Price ir) \$17,331.00 List Price \$100.00 \$171.00 \$640.00 \$288.00 \$620.00	
Pater 905369SRP* Catalog Numb  905374 905373 904550 8282 8282SR Catalog	tend Track, Span  T  Cr  Cr  Hand Chain Hand Chain 3	Description  Rk Resistant Underhung End 3 Ton Geared  Description  Drive Components  coss Shaft Coupling  coss Shaft Support in Wheel for Budgi!Trucks d Chain 36 lineal feet 36 lineal foot Spark Resistant  raverse Speed	Weigh (Pound d Trucks 440 Weig (Pound 2 20 100 18 16	nt. ds) — (1 pa lht. ds)	List Price ir) \$17,331.00 List Price \$100.00 \$171.00 \$640.00 \$288.00 \$620.00	
Pater 905369SRP* Catalog Numb  905374 905373 904550 8282 8282SR Catalog	tend Track, Span  T  Cr  Cr  Hand Chain Hand Chain 3	Description  Tk Resistant Underhung End 3 Ton Geared  Description  Drive Components  coss Shaft Coupling  cross Shaft Support  in Wheel for Budgi! Trucks d Chain 36 lineal feet 36 lineal foot Spark Resistant  raverse Speed  5 Ton  Gear Reducers	Weigh (Pound d Trucks 440 Weig (Pound 2 20 100 18 16	nt. ds) — (1 pa lht. ds)	List Price ir) \$17,331.00 List Price \$100.00 \$171.00 \$640.00 \$288.00 \$620.00 List Price	
Pater 905369SRP* Catalog Numb  905374 905373 904550 8282 8282SR Catalog Number	tend Track, Span  Track  Cr Cr Hand Cha Hand Hand Chain 3  Ti 3 Ton	Description  Tk Resistant Underhung End 3 Ton Geared  Description  Drive Components  coss Shaft Coupling  coss Shaft Support  in Wheel for Budgi!Trucks d Chain 36 lineal feet 36 lineal foot Spark Resistant  raverse Speed  5 Ton  Gear Reducers 0:1 00 FPM GR - 10:1	Weigh (Pound d Trucks 440 Weig (Pound 2 20 10 18 16 We (Pound Weight (Po	nt. ds) — (1 pa lht. ds)	List Price ir) \$17,331.00 \$17,331.00 List Price \$100.00 \$171.00 \$640.00 \$288.00 \$620.00 List Price \$1312.00	
Pater 905369SRP* Catalog Numb  905374 905373 904550 8282 8282SR Catalog Number  C33375110	tend Track, Span  Track Cr Cr Cr Hand Cha Hand Hand Chain 3 Tr 3 Ton	Description  Rk Resistant Underhung End 3 Ton Geared  Description  Drive Components  coss Shaft Coupling ross Shafi Support in Wheel for Budgil Trucks d Chain 36 lineal feet 36 lineal foot Spark Resistant raverse Speed  5 Ton  Gear Reducers 0:1 00 FPM GR - 10:1 5:1 5 FPM GR - 15:1	Weigh (Pound d Trucks 440 Weig (Pound 2 20 10 18 16 We (Pound Weight (Po	nt. ds)  — (1 pa lht. nds)  ight. unds)	List Price ir) \$17,331.01 List Price \$100.00 \$171.00 \$640.00 \$288.00 \$620.00 List Price	
Pater 905369SRP Catalog Numb 905374 905373 904550 8282 8282SR Catalog Number C33375110 C33375115	tend Track, Span  Cre Cre Hand Cha Hann Hand Chain 3  TI  3 Ton  110 FPM GR - 1 70 FPM GR - 1 55 FPM GR - 2	Description  rk Resistant Underhung End 3 Ton Geared  Description  Drive Components  coss Shaft Coupling  ross Shaft Support in Wheel for BudgilTrucks d Chain 36 lineal feet 36 lineal foot Spark Resistant  raverse Speed  5 Ton  Gear Reducers 0:1 00 FPM GR - 10:1 5:1 5 FPM GR - 15:1 0:1 0 FPM GR - 20:1	Weigh (Pound d Trucks 440 Weig (Pound 2 20 10 18 16 We (Pound Weight (Po	nt. ds)  — (1 pa  ht. nds)  ight. unds)	List Price ir) \$17,331.00 List Price \$100.00 \$171.00 \$640.00 \$288.00 \$620.00 List Price \$1312.00 (each)	
Pater 905369SRP Catalog Numb 905374 905373 904550 8282 8282SR Catalog Number C33375110 C33375115	terd Track, Spar Track, Spar Track Cr. Cr. Cr. Hand Chain 3 Ti 3 Ton 110 FPM GR - 1 70 FPM GR - 1 55 FPM GR - 20 Electrical and	Description  rk Resistant Underhung End 3 Ton Geared  Description  Drive Components  coss Shaft Coupling  ross Shafi Support in Wheel for Budgi!Trucks dd Chain 36 lineal feet 36 lineal foot Spark Resistant  raverse Speed  5 Ton  Gear Reducers 0:1 00 FPM GR - 10:1 5:1 5 FPM GR - 15:1 0:1 0 FPM GR - 20:1  Control Options	Weigh (Pound d Trucks 440 Weig (Pound 2 20 10 18 16 We (Pound Weight (Po	nt. ds)  — (1 pa  pht. nds)  ight. unds)	List Price ir) \$17,331.00 List Price \$100.00 \$171.00 \$640.00 \$288.00 \$620.00 List Price \$1312.00 (each)	
Pater 905369SRP Catalog Numb 905374 905373 904550 8282 8282SR Catalog Number C33375110 C33375115 C33375120	tend Track, Span  Cr Cr Cr Hand Cha Hane Hand Chain 3 Ti 3 Ton  110 FPM GR - 1 70 FPM GR - 1 55 FPM GR - 20 Electrical and Warnin	Description  Rk Resistant Underhung End 3 Ton Geared  Description  Drive Components  coss Shaft Coupling ross Shafi Support in Wheel for Budgi!Trucks d Chain 36 lineal feet 36 lineal foot Spark Resistant raverse Speed  5 Ton  Gear Reducers 0:1 00 FPM GR - 10:1 5:1 5 FPM GR - 15:1 0:1 0 FPM GR - 20:1  Control Options ng Horn	Weigh (Pound d Trucks 440 Weig (Pound 2 20 10 18 16 We (Pound Weight (Po	nt. ds)  — (1 pa  ht. nds)  ight. unds)	List Price ir) \$17,331.00 List Price \$100.00 \$171.00 \$640.00 \$288.00 \$620.00 List Price \$1312.00 (each) t Price 190.00	
Pater 905369SRP Catalog Numb 905374 905373 904550 8282 8282SR Catalog Number C33375110 C33375115 C33375120	tend Track, Span  Cre Cre Cre Hand Cha Hann Hand Chain 3  Ti  3 Ton  110 FPM GR - 1 70 FPM GR - 1 55 FPM GR - 20  Electrical and Warnin MA 4 Travel Limit Sw	Description  It Resistant Underhung End 3 Ton Geared  Description  Drive Components  Coss Shaft Coupling  Coss Shaft Support  In Wheel for BudgilTrucks  Id Chain 36 lineal feet  In Understand Shaft Spark Resistant  Coss Shaft Coupling  Coss Shaft Support  In Wheel for BudgilTrucks  In Chain 36 lineal feet  Shaft Support  To Spark Resistant  Coss Reducers  Coss Pem GR - 10:1  Control Options  In Horn  Itch (Trip Dogs by Others)	Weigh (Pound d Trucks 440 Weig (Pound 2 20 10 18 16 We (Pound	it. ds)  — (1 pa  — (1 pa  ht. nds)  ight. unds)	List Price ir) \$17,331.00 List Price \$100.00 \$171.00 \$640.00 \$288.00 \$620.00 List Price \$1312.00 (each)	
Pater 905369SRP Catalog Numb 905374 905373 904550 8282 8282SR Catalog Number C33375110 C33375115 C33375120	tend Track, Span  Cre Cre Cre Hand Cha Hann Hand Chain 3  Ti  3 Ton  110 FPM GR - 1 70 FPM GR - 1 55 FPM GR - 20  Electrical and Warnin MA 4 Travel Limit Sw	Description  It Resistant Underhung End 3 Ton Geared  Description  Drive Components  Coss Shaft Coupling  Coss Shaft Support  Coss Shaft Support  Coss Shaft Support  Control Options  Control Options  Control Control (EAC) — 11	Weigh (Pound d Trucks 440 Weig (Pound 2 20 10 18 16 We (Pound	it. ds)  — (1 pa  — (1 pa  ht. nds)  ight. unds)	List Price ir) \$17,331.00 List Price \$100.00 \$171.00 \$640.00 \$288.00 \$620.00 List Price \$1312.00 (each) t Price 190.00	
Catalog Number  Pater 905369SRP  Catalog Numb  905374 905373 904550 8282 8282SR  Catalog Number  C33375110 C33375115 C33375120	tend Track, Span  Crece  Crece Hand Chain 3  Ti  3 Ton  110 FPM GR - 1 70 FPM GR - 15 55 FPM GR - 20  Electrical and Warnin MA 4 Travel Limit Sw  Electronic Accele	Description  It Resistant Underhung End 3 Ton Geared  Description  Drive Components  Coss Shaft Coupling  Coss Shaft Support  In Wheel for Budgi!Trucks  Id Chain 36 lineal feet  In Wheel for Budgi!Trucks  In Wheel for Budgi!Trucks  In Wheel for Budgi!Trucks  In Wheel for Budgi!Trucks  In Chain 36 lineal feet  In Chain 36 lineal feet  In Chain 36 lineal feet  In Control Spark Resistant  In Control Options  In Control Options  In Horn  Itch (Trip Dogs by Others)  In Control Control (EAC) — 11  In Single-Speed	Weigh (Pound d Trucks 440 Weig (Pound 2 20 10 18 16 We (Pound	it. ds)  — (1 pa  — (1 pa  lht. nds)  ight. unds)	List Price ir) \$17,331.00 List Price \$100.00 \$171.00 \$640.00 \$620.00 List Price \$1312.00 (each) t Price 190.00 858.00	
Pater 905369SRP Catalog Numb 905374 905373 904550 8282 8282SR Catalog Number C33375110 C33375115 C33375120	tend Track, Span  Cr Cr Cr Hand Cha Hann Hand Chain 3  Ti  3 Ton  110 FPM GR - 1 70 FPM GR - 1 55 FPM GR - 20 Electrical and Warnin MA 4 Travel Limit Swi Electronic Accele	Description  Rk Resistant Underhung End 3 Ton Geared  Description  Drive Components  coss Shaft Coupling ross Shaft Support in Wheel for Budgil Trucks d Chain 36 lineal feet 36 lineal foot Spark Resistant raverse Speed  5 Ton  Gear Reducers 0:1 00 FPM GR - 10:1 5:1 5 FPM GR - 15:1 0:1 0 FPM GR - 20:1  Control Options and Horn itch (Trip Dogs by Others) eration Control (EAC) — 11  Single-Speed	Weigh (Pound d Trucks 440 Weig (Pound 2 20 10 18 16 We (Pound	it. ds)  — (1 pa  — (1 pa  lht. nds)  ight. unds)	List Price ir) \$17,331.00 List Price \$100.00 \$171.00 \$640.00 \$288.00 \$620.00 List Price \$1312.00 (each) t Price 190.00	
Catalog Number  Pater 905369SRP  Catalog Numb  905374 905373 904550 8282 8282SR  Catalog Number  C33375110 C33375115 C33375120	tend Track, Span  Cr Cr Cr Hand Cha Hann Hand Chain 3  Ti  3 Ton  110 FPM GR - 1 70 FPM GR - 1 55 FPM GR - 20 Electrical and Warnin MA 4 Travel Limit Swi Electronic Accele	Description  Rk Resistant Underhung End 3 Ton Geared  Description  Drive Components  coss Shaft Coupling ross Shafi Support in Wheel for BudgilTrucks dd Chain 36 lineal feet 36 lineal foot Spark Resistant raverse Speed  5 Ton  Gear Reducers 0:1 00 FPM GR - 10:1 5:1 5 FPM GR - 15:1 0:1 0 FPM GR - 20:1  Control Options ing Horn itch (Trip Dogs by Others) eration Control (EAC) - 11 Single-Speed P Maximum 208-230 - 3 - 60 HP Maximum 460-3-60	Weigh (Pound d Trucks 440 Weig (Pound 2 20 10 18 16 We (Pound	it. ds)  — (1 pa  — (1 pa  lht. nds)  ight. unds)	List Price ir) \$17,331.00 List Price \$100.00 \$171.00 \$640.00 \$620.00 List Price \$1312.00 (each) t Price 190.00 858.00	
Catalog Numb  Pater 905369SRP  Catalog Numb  905374 905373 904550 8282 8282SR  Catalog Number  C33375110 C33375115 C33375120  NEM	tend Track, Span  Track, Span  Crack Crack Hand Chain Hand Chain To  3 Ton  110 FPM GR - 11 70 FPM GR - 12 55 FPM GR - 20  Electrical and Warnin MA 4 Travel Limit Swi Electronic Accel  75 HP 2	Description  Rk Resistant Underhung End 3 Ton Geared  Description  Drive Components  coss Shaft Coupling ross Shaft Support in Wheel for Budgil Trucks dd Chain 36 lineal feet 36 lineal foot Spark Resistant raverse Speed  5 Ton  Gear Reducers 0:1 00 FPM GR - 10:1 5:1 5 FPM GR - 15:1 0:1 0 FPM GR - 20:1  Control Options Ing Horn itch (Trip Dogs by Others) Ingeration Control (EAC) - 11 Single-Speed P Maximum 208-230 - 3 - 60 HP Maximum 460-3-60 Two-Speed	Weigh (Pound d Trucks 440 Weig (Pound 2 20 10 18 16 We (Pound We	it. ds)  — (1 pa  — (1 pa  pht. nds)  ight. unds)  Lis \$1, \$1, ntrol	List Price ir) \$17,331.00 List Price \$100.00 \$171.00 \$640.00 \$288.00 \$620.00 List Price \$1312.00 (each) t Price 190.00 858.00	
Catalog Number  Pater 905369SRP  Catalog Numb  905374 905373 904550 8282 8282SR  Catalog Number  C33375110 C33375115 C33375120	tend Track, Span  Track, Span  Track Cr Cr Hand Cha Hand Chain Hand Chain Tr  3 Ton  110 FPM GR - 1 70 FPM GR - 1 55 FPM GR - 20 Electrical and Warnin MA 4 Travel Limit Sw Electronic Accel  .75 HF 2	Description  Rk Resistant Underhung End 3 Ton Geared  Description  Drive Components  coss Shaft Coupling coss Shaft Support in Wheel for Budgil Trucks d Chain 36 lineal feet 36 lineal foot Spark Resistant traverse Speed  5 Ton  Gear Reducers 0:1 00 FPM GR - 10:1 5:1 5 FPM GR - 15:1 0:1 0 FPM GR - 20:1  Control Options ang Horn titch (Trip Dogs by Others) eration Control (EAC) — 11 Single-Speed 2 Maximum 208-230 - 3 - 60 HP Maximum 460-3-60 Two-Speed 2 Maximum 408-230 - 3 - 60	Weigh (Pound d Trucks 440 Weig (Pound 2 20 10 18 16 We (Pound	it. ds)  — (1 pa  — (1 pa  pht. nds)  ight. unds)  Lis \$1, \$1, ntrol	List Price ir) \$17,331.00 List Price \$100.00 \$171.00 \$640.00 \$288.00 \$620.00 List Price \$1312.00 (each) t Price 190.00 858.00	
Catalog Numb  Pater 905369SRP  Catalog Numb  905374 905373 904550 8282 8282SR  Catalog Number  C33375110 C33375115 C33375120  NEM	tend Track, Span  Track Cr Cr Hand Cha Hand Chain 3  Ti 3 Ton  110 FPM GR - 1 70 FPM GR - 1 55 FPM GR - 20 Electrical and I Warnin MA 4 Travel Limit Swi Electronic Acceleration 2 .75 HF 2	Description  Rk Resistant Underhung End 3 Ton Geared  Description  Drive Components  coss Shaft Coupling coss Shaft Support in Wheel for Budgil Trucks d Chain 36 lineal feet 36 lineal foot Spark Resistant traverse Speed  5 Ton  Gear Reducers 0:1 00 FPM GR - 10:1 5:1 5 FPM GR - 15:1 0:1 0 FPM GR - 20:1  Control Options and Horn itch (Trip Dogs by Others) eration Control (EAC) — 11 Single-Speed  P Maximum 208-230 - 3 - 60 HP Maximum 460-3-60 Two-Speed P Maximum 408-230 - 3 - 60 HP Maximum 460-3-60 HP Maximum 460-3-60	Weigh (Pound d Trucks 440 Weig (Pound 2 20 10 18 16 We (Pound We	it. ds)  — (1 pa  — (1 pa  pht. nds)  ight. unds)  Lis \$1, \$1, ntrol	List Price ir) \$17,331.00 List Price \$100.00 \$171.00 \$640.00 \$288.00 \$620.00 List Price \$1312.00 (each) t Price 190.00 858.00	
Catalog Numb  Pater 905369SRP  Catalog Numb  905374 905373 904550 8282 8282SR  Catalog Number  C33375110 C33375115 C33375120  NEM	tend Track, Span  Track Cr Cr Hand Cha Hand Chain 3  Ti 3 Ton  110 FPM GR - 1 70 FPM GR - 1 75 FPM GR - 20 Electrical and I Warnin MA 4 Travel Limit Swi Electronic Accele  .75 HF 2 .75 HF 2 .75 HF	Description  Rk Resistant Underhung End 3 Ton Geared  Description  Drive Components  coss Shaft Coupling coss Shaft Support in Wheel for Budgil Trucks d Chain 36 lineal feet 36 lineal foot Spark Resistant traverse Speed  5 Ton  Gear Reducers 0:1 00 FPM GR - 10:1 5:1 5 FPM GR - 15:1 0:1 0 FPM GR - 20:1  Control Options ang Horn titch (Trip Dogs by Others) eration Control (EAC) — 11 Single-Speed 2 Maximum 208-230 - 3 - 60 HP Maximum 460-3-60 Two-Speed 2 Maximum 408-230 - 3 - 60	Weigh (Pound d Trucks 440 Weig (Pound 2 20 10 18 16 We (Pound We	tt. ds)  — (1 pa  — (1 pa  pht. nds)  ight. unds)  Lis \$1, \$1, ntrol	List Price ir) \$17,331.00 List Price \$100.00 \$171.00 \$640.00 \$6620.00 List Price \$1312.00 (each) t Price 190.00 858.00	

		Bridg	ge Brakes			
904554			120/240 - 1 - 6	0		
904555	3' lh Adi	ustable Brake	230/460 - 3-60	-	15	\$796.00
904556	0 1017101	actable Brane	575 - 3 - 60			(each)
		Motor	Protection			
TAS	Temperat	ure Actuated S	witch in Motor Windin	q	_	Standard
TOL			(3 phase) in enclosur		25	\$359.00
Catalog	Horse I	Dawar	Dawer Cumply	We	ight.	List Price
Number	потъет	-owei	Power Supply	(Po	unds)	LIST FIICE
Motor Single-Sp	eed					
32879532 32879533	.5 HP-18	00 RPM	208-230/460-3-60 575 - 3-60		25	\$478.00
Motor - Half-S	eed Sinale-Sr	eed (Provides	traverse speed 50% of	that lis	sted)	
3287952	,		230/460-3-60			1.
3287952	- 71	HP 900 RPM	575 - 3-60		30	\$635.00
Motor - Two-S	need – slow si	need is one thir	d of listed speed			
3287962		Jeeu 13 one till	200-208-3-60			
3287962		.5/.17 HP	230 - 3 -60			
3287962			460 - 3 - 60		45	\$913.00
3287962	18	00/600 RPM	575 - 3-60			
Motor – Single	hase- single r	notor – Sinale-	Sneed only			
3287972		HP 1800 RPM	115/230 - 1 - 6	0	30	\$967.00
Catalog	.0			Weig		
Number		Descript	ion	(Pou		List Price
Control Panels	· · Single-Speed	– (3 ph Under	huna)			
44600313		V – 3 ph – 60 F		20	1	
44600314		iv – 3 ph – 60 F		20	-	\$1,172.00
44600311			Hz (1 hp) – I.D.	50	-	V.,
Control Panels						
44600305		5v – 1 ph – 60 l				
44600315		V – 1 ph – 60 h		20	0	\$1,260.00
Control Panels						
44600343		V – 3 ph – 60 l	•,	2	-	
44600343		iv – 3 ph – 60 F		2		\$1,571.00
44600351			Hz (1 hp) – I.D.	50		\$1,571.00
			ct Switch – Standard			
005000						A050.00
905388		208-230v – 3 p		10	0	\$359.00
905389	4	160-575v – 3 p	h – 60 Hz			\$515.00
005266	Fuse		Switch - Single Pha	se		
905366 905367		115v – 1 ph – 230v – 1 ph –		10	0	\$420.00
	Weat		add for each enclosu	re)		
NEMA 4/12	Watertight a	nd dust-tight fo	r indoor and outdoor s	service	20	\$1,381.00
NEMA 7 or 9		Apply to	o factory			_
	В	idge Bumpers	S		Wt. (Pounds	List Price
932000	F	Rubber Bumper	rs – Underhung		20	\$139.00
	Air Mo	tor Drive Pacl	kage		Wt (Pounds)	List Price
	endant thrott averse speed	le and hose ass approx. 70 FPN	ducer, control head wit sembly with 8 ' hose di M. Requires catalog 90 nounted near air moto	op. 2967	115	\$6,334.00
	For additional	pendant hose	over 8" – 0" Add per fo	oot		\$17.20



# **INDIVIDUAL CRANE COMPONENTS & OPTIONS**

# **TOP RUNNING**

Catalog Number		Description			eight. ounds)	List Price
Control Panels -	- Single-Sp	eed – (3 ph Underhur	ng)			
904536		Standard			450	\$5,280.00
904536SR		Spark Resistant W	/heels		450	\$15,407.00
904536S		3'0" Short Wheel	base		395	\$9,698.00
904549		6'0" Wheelbas	se		550	\$14,702.00
904549SR		Spark Resistant W	/heels		550	\$23,603.00
Drive Componer	nts					
904540		Shaft Suppor	t		20	\$171.00
904540L	Cross	Shaft Support - 6'0"	Wheelbase Only		23	\$225.00
905374		Cross Shaft Cou	pling		2	\$100.00
904550		Hand Chain Wh	eel		10	\$640.00
8282		Hand Chain			18	\$288.00
8282SR		Spark Resistant Har	nd Chain		16	\$620.00
Gear Reducers						
C33375110	Tra	averse Speed 100 FPI	M GR - 10:1			
C33375115	Tı	averse Speed 70 FPN	/I GR - 15:1		20	\$1312.00
C33375120		averse Speed 50 FPN				Each
		cal and Control Opti			Li	st Price
		Warning Horn			¢.	1,190.00
NFM	Δ 4 Travel I	_imit Switch (Trip Dog	is hy Others)			1,859.00
NEM						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	Electroni	c Acceleration Cont	rol (EAC) — 115	volt c	ontrol	
		Single-Sp				
90459	6	.75 HP Maximum 20				\$622.00
		2 HP Maximum				
00450	•	Two-Spe		10		4===
90459	8	.75 HP Maximum 20				\$796.00
		2 HP Maximum				
91318	б	Single-Speed or 2 HP Maximum 2			;	\$1,188.00
		Ballast Resistors (	single drive on	y)		
905391		SS and 2S 208-23	30 - 3 - 60			
905392		SS and 2S 460	- 3 - 60		10	\$522.00
905393		SS and 2S 575	-3-60			
		Bridge	Brakes			
904554			120/240 - 1 -	- 60		
904555	3' lb.	Adjustable Brake	230/460 - 3	-60	15	\$796.00
904556			575 - 3 - 6	0		(each)
		Motor Pr				
TAS	Temp	erature Actuated Swi	tch in Motor Wind	ding	-	Standard
TOL	Thern	nal overload relays (3	phase) in enclos	ure	25	\$359.00
	Air Mo	otor Drive Package			Wt unds)	List Price
51526501	Includes air motor, gear reducer, control head with pendant throttle and hose assembly with 8 ' hose drop. Traverse speed approx. 70 FPM.			115	\$6,334.00 \$17.20	

Catalog Number	Horse Power		Power Supply		Weight. Pounds)	List Price
Motor Single-Sp	eed					
32879532	.5 HP-1800 RPM	20	08-230/460-3-6	50	O.F.	¢470.00
32879533	.5 HP-1800 KPM		575 - 3-60		25	\$478.00
32879542	.75 HP-1800 RPM	20	8/230/460-3-6	50	25	\$656.00
32879543	./311F-1000 KFW		575 – 3-60		23	\$050.00
Motor - Half-Sp	eed Single-Speed (Provide	es trav	erse speed 50°	% of that	listed)	
32879526	.25 HP 900 RF	N	230/460-	3-60	30	\$635.00
328795-2	7		575 – 3-	60	00	<b>4000.00</b>
	eed – slow speed is one t	hird o	f listed speed			
32879624	.5/.17 HP		200-208-	3-60		
32879625	5		230 - 3		45	\$913.00
32879626	1800/600 RP	М	460 - 3			'
32879627			575 – 3-	60		
Motor – Single F	Phase- single motor –	gle-Sp	eed only			
32879722	2 .5 HP 1800 RPM		115/230 -	1 – 60	30	\$967.00
Catalog Number	Desci	riptior	1		/eight. ounds)	List Price
Control Panels -	- Single-Speed – (3 ph To	p-Run)				
44600326	208-230v - 3 ph	- 60 I	Hz- 904541			
44600383	460v · 3 ph · 6	0 Hz ·	904542			\$1,172.00
44600384	575v – 3 ph – 6	50 Hz	- 904543		20	
44600329	208-230v - 3 ph - 6	60 Hz -	- 3/4 hp motor		20	
44600327	460v – 3 ph – 60	Hz- 3.	/4 hp motor			\$1,275.00
44600328	575v - 3 ph - 60	Hz- 3,	/4 hp motor			
Control Panels -	- Two-Speed – (3 ph Top-	Run)				
44600336	208-230v – 3 ph	- 60 l	Hz- 904546			
44600393	460v · 3 ph · 6					\$1,590.00
44600394	575v – 3 ph – 6				25	
44600339	208-230v – 3 ph – 6		· ·			
44600337	460v – 3 ph – 60		•			\$1,688.00
44600338	575v – 3 ph – 60			_		
	- Single Phase Single-Spe					
44600305	115v – 1 ph- 60				20	\$1,260.00
44600315	230v – 1 ph – 0	OU HZ	- 904545	_		
	ct Switch - Standard	. 2 -	h (011-			A250.00
905388 905389			h – 60 Hz		10	\$359.00 \$515.00
	ct Switch – Single Phase	7 – 3 p	h – 60 Hz		_	\$515.00
905366		1 nh -	- 60 Hz			
905367	115v – 1 ph – 60 Hz 230v – 1 ph – 60 Hz			10	\$420.00	
300007						
	Mo	tor Pi	otection			
NEMA 4/12	Watertight and dust-tigh	nt for i	ndoor and outo	loor serv	ice 20	\$1,381.00
NEMA 7 or 9	Арр	ly to f	actory		_	_
	Bridge Bumpers		V	Vt. (Pour	nds)	List Price
932000	Rubber Bumpers –	rs – Underhung 20				\$139.00



# **INDIVIDUAL CRANE COMPONENTS & OPTIONS**

#### **NEMA 4/12 CONTROL PANELS**

#### ONE & TWO-SPEED NEMA 4/12 PANELS WITH BUILT IN DISCONNECT

Price Includes:

1 HP

Feature: NEMA 4/12 Panel Mainline Contactor Control Transformer

30 Amp\*\* 115V/75VA 30 Amp\*\*

20 X 16 X 8.8"

Disconnect with Panel Mounted Handle

Yes

Hinge Point

Horizontal at bottom of panel

				List Price	es		
Maximum Total H.P.	1 — Speed Panels						
	230 volts	Catalog Number	460 volts	Catalog Number	575 volts	Catalog Number	Weight (Pounds)
1	\$2,553.00	44423121	\$2,553.00	44423141	\$2,553.00	44423151	75
Maximum	2 — Speed Panels						
Total H.P.	230 volts	Catalog Number	460 volts	Catalog Number	575 volts	Catalog Number	Weight (Pounds)
1	\$2,647.00	44423221	\$2,647.00	44423241	\$2,647.00	44423251	85

<sup>\*\*</sup> Please check the total amperage draw requirements for your crane application so the amperage limits of the mainline contactor and disconnect are not exceeded. Especially on 230 volt applications.

#### VARIABLE FREQUENCY NEMA 4/12 PANEL WITH BUILT IN DISCONNECT

For Bridge Traverse Motions Speed range up to 20:1 (in F.P.M.)

#### Price Includes:

Feature:1 HPMagnetekG+ MiniCMAA Service ClassC

NEMA 4/12 Panel 20 X 16 X 8.5 Control Steps 2-step or 3-step infinitely variable 30Amp

Mainline Contactor 75VA
Control Transformer 30Amp
Disconnect with Panel Mounted Handle Yes

Control Transformer 30A
Disconnect with Panel Mounted Handle Yes
External Dynamic Braking Resistor Fuses Yes

Hinge Point Horizontal at bottom of panel

Power Supply	Maximum Total H.P.	Maximum Full Load Amps	Weight (Pounds)	Catalog Number	List Price
230Volts	1	5		45231121	\$4,089.00
460Volts	1	3.4	50	45231142	\$4,258.00
230Volts	2	8	50	45231122	\$4,422.00
460Volts	2	3.4		45231142	\$4,258.00

Not available in 575 volt.

Consult factory for ¾ hp dual drive end trucks.



# **MANUALS & DIAGRAMS**

# **CLEARANCE DIAGRAMS**

Standard Clearance Diagrams	No Charge
Standard clearance diagrams apply to cataloged models in the Budgit price book not including optional features or accessories.	
Clearance Diagrams for Engineered Products	at are not ill show
Wiring Diagrams	No Charge
Wiring diagrams will be our standard printed format, as provided in our instruction manuals.	
INSTRUCTION AND PARTS MANUALS	
CMCO will provide up to three manuals, if requested for each product type on an order at no charge. Additional manuals will be provided for the following charges:	
Powered Products  BUDGIT Electric Hoists  BUDGIT Air Chain Hoists  BUDGIT Motor Driven Trolleys  BUDGIT Air Motor Driven Trolleys	10.00 Net
Bridge Crane Components	10.00 Net
Manual Products	10.00 Net
*BUDGIT Hand Chain Hoists BUDGIT Push & Hand Geared Trolleys TUGIT Lever Operated Chain Hoists All Chain Containers	
*USA Army Type Hoists require 2 manuals (Hoist and Trolley)	
Load Test Certification (must ask for at time of order)	
Hook Gage Marks	105.55 Net
Damascus Manuals	10.00 Net

CLEARANCE DIAGRAMS AND PARTS & SERVICE MANUALS ARE AVAILABLE ONLINE AT WWW.COLUMBUSMCKINNON.COM



# ONE MANUAL INCLUDED AT NO CHARGE WITH EACH UNIT

Apply the following extra charges for additional manuals / diagrams.

#### **MAINTENANCE MANUALS**

Description	Product Code	User Price
AirStar Hoist	11720901	\$18.00
AirStar 6 Hoist	11720902	\$18.00
Cyclone Hand Hoist (all models)	83885	\$19.00
Hurricane Hand Hoist	56812	\$19.00
Lodestar Hoist & Low Headroom Trolley	83874	\$19.00
Lodestar XL Electric Hoist	52756	\$19.00
Lodestar XL Air Hoist	53031	\$19.00
Powerstar Electric Hoist	83892	\$19.00
Puller Lever Tool	83871	\$19.00
RailStar Motor Driven Trolley	3704	\$19.00
Rigger	23952	\$19.00
Series 602 Mini Ratchet Lever Tool	2805	\$2.00
Series 622 Hand Hoist	22950	\$19.00
Series 630 Trolley	30756	\$19.00
Series 632 Trolley	32755	\$19.00
Series 633 Trolley	33725	\$19.00
Series 635 Motor Driven Trolley for Lodestar Hoist	83875	\$19.00
Series 653 Lever Hoist	37700C	\$19.00
ShopAir	20944	\$19.00
Valustar Electric Hoist	24761	\$19.00
Shopstar	20800	\$19.00
Short Handle Puller	73764	\$19.00

#### **DIAGRAMS**

Description	User Price
RECOMMENDED SPARE PARTS LIST (ALL MODELS)	\$7.00
CLEARANCE DIAGRAMS – all models	
Up to 3 prints	N/C
Each additional print	\$12.00
Velumn Reproducible	\$39.00
Mylars	\$103.00
WIRE DIAGRAMS	
Up to 3 prints	N/C
Each additional print	\$12.00
Velumn Reproducible	\$39.00
Mylars	\$103.00
CERTIFICATION OF LOAD TEST	
1 certification (Hoist)*one included at no charge with each unit	\$12.00
1 certification (Trolley)	\$130.00
Each additional certificate	N/C
Approval Drawing	\$124.00



# LITERATURE, DRAWINGS & MANUALS

LITE	ERATURE	
	Coffing Product Catalog	N/C
	Reproducible Product Pages for Coffing Electric Hoists	N/C
D.D.A	Reproducible Product Pages for Coffing Manual Hoists	N/C
DRA	AWINGS FOR APPROVAL	
	Manufacturer's Standard Commercial General Outline Prints, (3) Copies Per Order Item	N/C
	Extra Prints Each	\$9.00
	One Sepia Reproducible Drawing Per Order Item	N/C
	Extra Sepias Each	\$25.00
FINA	AL APPROVED DRAWINGS	
	Manufacturer's Standard Commercial General Outline Prints, (3) Copies Per Order Item	N/C
	*Extra Prints Each	\$9.00
	*One Sepia Reproducible Drawing Per Order Item	N/C
	Extra Sepias Each	\$25.00
INS	TRUCTION AND MAINTENANCE MANUALS	
	Manufacturer's Standard Commercial Instruction and Maintenand Manuals Only Will Be Supplied	
	(3) Copies Per Order Item	\$9.00
	Extra Manuals Each	N/C
	*Disc - Micro CADAM or DXF File	\$42.00 each



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# CMCO NORTH AMERICAN UPDATED TERMS AND CONDITIONS HOIST, RIGGING AND CRANE COMPONENTS

EFFECTIVE OCTOBER 20, 2023
PAYMENT TERMS ARE 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. Shipping charges will be paid by CMCO and allowed on any order (excluding noted models below\*) when the order totals at least net US\$7,500.00, provided such orders are (a) 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 to be paid by CMCO. "Add to" orders will be considered new orders and will not be included with previously placed orders. If Columbus McKinnon mkes partial shipment on an order that originally met the criteria for the freight to be paid by CMCO, Columbus McKinnon will absorb transportation charges on all shipments applying to that order. Parcel post shipments will be insured at customer's expense, and customer is responsible for placing a valuation upon such shipments for insurance purposes. Shipments that do not meet the criteria for freight to be paid by CMCO 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. Title or risk of loss shall pass to the customer upon delivery to the carrier regardless of who pays the shipping cost.

- \*The following products do not qualify for net US\$7,500.00. freight allowance: All Chester Products including Chester PT Trolleys, Electrification, Powerstar Electric Chain Hoists, Lodestar XL Air and Electric Chain Hoists and all Wire Rope Hoists and Crane Components Products.
- \* For Channel Partners who are eligible to purchase Hoist and crane parts, CMCO will pay freight on orders totaling US\$7,500.00 or more.

Minimum Order Threshold - Net US\$200.00

Handling Fee—a US\$50.00 net handling fee assessed to all orders with special shipping instructions or carrier requests that are not shipped prepaid and add. This includes collect and third-party shipments and customer pick up/will call orders. The handling fee does not apply to parcel shipments such as UPS.

#### Requests for Same Day Shipping—Orders requested to be shipped same day will be assessed a US\$100.00 fee.

- Orders must be received by CMCO prior to 12 P.M. ET. Any order received after this time will be processed and dated to ship the next day, subject to availability.
- · Eligible only for in-stock items. Not eligible to reduce guoted/standard lead times.
- Order must be placed via email using samedayorderfee@cmworks.com orders placed via EDI, Customer Portal, Fax or Compass are not eligible for same day shipping.
- · Shipments are subject to availability and not guaranteed.

Discounts are subject to change without notice. Furthermore, Hoist Parts orders not shipped directly to Channel Partners will be subject to lower discounts.

PRICES MAY BE SUBJECT TO ADDITIONAL SURCHARGE AT TIME OF ORDER.

See www.columbusmckinnon.com for CMCO's Terms and Conditions of Sale

#### CMCO NORTH AMERICAN HOIST & RIGGING RETURN AND ORDER CANCELLATION POLICY

#### **EFFECTIVE SEPTEMBER 1, 2020**

#### A. Standard/Stock (i.e., Non-Special) Products

#### 1 RETURNS

Within one (1) year of delivery to Channel Partner, standard/stock products may be returned by Channel Partner to CMCO for credit with the prior approval of CMCO (such approval may be withheld by CMCO at its sole discretion). The original purchase order information must be included with Channel Partner's request for return.

All requests for return must be coordinated through the Channel Partner's CMCO Sales Manager. If the return is approved by CMCO, Customer Service issues a Return Goods Authorization Number to Channel Partner. Any approval by CMCO of a request for a return of a standard/stock product shall be valid for only 30 days after the issuance by CMCO of a Return Goods Authorization Number (i.e., the returned standard/stock product must be received by CMCO within 30 days after the issuance by CMCO of the Return Goods Authorization Number).

All standard/stock products to be returned must be new, unused, and free of corrosion, in the original carTon, and in salable (as received) condition in original box and packaging with label identifiers intact. The following material is ineligible for return to CMCO: special products, obsolete or discontinued products, wire rope, nuts, bolts, washers, gaskets, cut chain, or any items with a net price under US\$50.00. Channel Partner is responsible for the cost of all return freight. Accordingly, all standard/stock products must be returned to CMCO on a prepaid transportation basis. Collect shipments will be refused by CMCO. The standard/stock products must be returned to the destination specified by CMCO. With the Return Goods Authorization Number visibly displayed on the outside of the carTon, preferably on the shipping label. Unauthorized return of standard/stock products may be refused and, if returned without approval of CMCO, Channel Partner is liable for any and all delivery, storage and return freight charges. Minimum return value is US\$50.00. No items under US\$50.00 net price will be eligible, regardless of quantity.

For returns approved by CMCO where reconditioning, inspection, retesting, repackaging or special handling of the returned standard/stock products is required, the amount of the credit issued to Channel Partner for such returned goods is reduced by a handling charge (determined by CMCO) to cover those costs. If such return is approved by CMCO, the amount of the credit issued by CMCO to Channel Partner equals the original purchase price of the returned standard/stock products, less a restocking charge (computed as set forth below) and any necessary handling charges.

Returned product that does not pass inspection and approval by CMCO's quality assurance department will be returned to customer at customer's expense or scrapped by CMCO at customer's request and no credit shall be issued.

#### 2. RESTOCKING CHARGES:

If Channel Partner does not place an offsetting order (as defined below) at the time of the return request, the restocking charge is 35% of the original purchase price of the returned standard/stock products.

If Channel Partner does place an offsetting order (as defined below) at the time of the return request, the restocking charge will be 20% of the original purchase

#### 3. CANCELLATIONS:

A purchase order submitted by Channel Partner to CMCO for standard/stock products may be cancelled by Channel Partner prior to the delivery of the standard/stock products to Channel Partner with the prior approval of CMCO (such approval may be withheld by CMCO in its sole discretion). The original purchase order information must be included with Channel Partner's request for cancellation. All requests for cancellation must be coordinated through the Channel Partner's CMCO Sales Manager and submitted in writing. If cancellation of a purchase order is approved by CMCO, Customer Service will issue a Cancellation Goods Authorization Number to Channel Partner. If such cancellation is approved by CMCO, Channel Partner shall pay CMCO a cancellation charge (computed asset forth below).

#### 4. CANCELLATION CHARGES:

If Channel Partner does not place an offsetting order (as defined below) at the time of the request for cancellation, the cancellation charge is 35% of the original purchase price of the cancelled standard/stock products.

If Channel Partner does place an offsetting order (as defined below) at the time of the request for cancellation, the cancellation charge is 20% of the original purchase price of the cancelled standard/stock products.

#### 5. OFFSETTING ORDER:

For an order to qualify as offsetting, (a) it must be placed by Channel Partner at the time of the return/cancellation request, (b) it must be comprised of products comparable to those being returned/cancelled (i.e., parts for parts, or

units for units), (c) the total purchase price must be equal to at least 125% of the purchase price (before charges) of the standard products being returned/cancelled, and (d) the purchase order submitted by Channel Partner must reference the offset/cancellation charge as well as the Return/Cancellation Goods Authorization Number. Promotional orders cannot be used as an offsetting order without approval from the CMCO Director of Channel Services.

#### **B. Special Products**

Special products (i.e., engineered or nonstock products specifically designed for unique applications and not classified by CMCO as standard/stock products) cannot be returned for credit. Purchase orders submitted by Channel Partner to CMCO for special products cannot be cancelled.

Special products include, without limitation, wire rope Hoists, crane components, bridge kits, end trucks, Chester products, Magnetek Products, CM Powerstar, Lodestar XL, and any chain Hoist rigging product that requires engineering or special machined or purchased components.

For any return of any special product or cancellation of any order for any special product, any down-payments or deposits submitted by Channel Partner may, at the sole option of CMCO, be forfeited.

#### C. Stock Adjustment/Slow Moving Inventory Returns

#### 1. HOIST UNITS, ACCESSORIES AND RIGGING PRODUCT RETURNS:

For Channel Partners who qualify as either Platinum or Gold status, the frequency of returns and the offsetting order requirements vary based on the Channel Partner's level status (see below). Contact your CMCO Sales Manager for further details. Channel Partners not holding Platinum or Gold status will have the ability to exercise a single stock adjustment return per calendar year without a restocking charge contingent upon returned product and offsetting order meeting the conditions set forth in this policy.

#### GENERAL RETURN FREQUENCY AND OFFSETTING ORDER PARAMETERS:

#### Platinum Status

4 returns per fiscal year (April through March) and restock charge waived with 110% offsetting order value

#### Gold Status:

2 returns per fiscal year (April through March) and restock charge waived with 115% offsetting order value

#### Non-Platinum or Gold

1 return per fiscal year (April through March) and restock charge waived with 150% offsetting order value

Requests for stock adjustment/slow-moving inventory return must be accompanied by CMCO's annual return spreadsheet indicating product number, quantity, PO number and date, CMCO order number, and item description and are subject to management approval. Requests may be submitted electronically to returns@cmworks.com and must be made prior to January 1 of the current fiscal year.

#### 2. HOIST PARTS RETURNS:

Channel Partners purchasing Hoist parts inventory may return slow-moving Hoist parts inventory following the same guidelines as noted above (C1) with regard to frequency and requirements to waive restocking charges. The maximum return allowed each year is no more than 10% of the Channel Partner's total Hoist parts purchases from CMCO's previous fiscal year (April through March).

Parts returned must meet the same terms as outlined above (A1). All parts must be bagged and identified with the part number, and only Hoist parts that are stocked by CMCO, with a unit net price over US\$50.00 may be returned. Parts that are, in CMCO's sole discretion, not currently active or are obsolete are not allowed for return. 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 is allowed. When a parts return request is initiated, CMCO provides Channel Partner with a form that must be completed to obtain all required information for the parts being returned and allow for the Return Goods Authorization Number to be issued.

In the event of a conflict between any of the terms of this Policy and the terms of any written agreement with any Channel Partner, the terms of the written agreement shall control.

#### LOAD TEST POLICY – FOR CHAINLESS PROGRAM

† Re-chained Hoist must be proof tested to 125% of rated load prior to being put into service. When participating in our chainless program, you are agreeing that you have the ability to, and will, test all re-chained units either in-house or by using a third-party testing company.



#### TERMS OF SALE

All sales of goods by Seller to Buyer are made pursuant to the following terms, which terms shall supersede any and all terms that might appear on Buyer's order form. No other, or additional, terms or conditions are, or will be, accepted and are expressly rejected.

#### ACCEPTANCE OF ORDERS

All orders, whether placed directly or through an agent, and all subsequent amendments thereto, are subject to a final approval and acceptance by Seller.

#### TERMS OF PAYMENT

Unless otherwise expressly agreed to in writing by Seller, payment of each invoice is required within thirty (30) days after date of shipment. Any balance unpaid after the required payment date shall be subject to a service charge of 1% per month from such date. Buyer agrees to pay all out-of-pocket costs and expenses (including, without limitation, all reasonable attorneys' fees and expenses) incurred by Seller in connection with the collection of amounts not paid by Buyer to Seller.

#### PRICE ADJUSTMENTS

Amendments made by the Buyer to orders already placed shall, without formal notice to the Buyer, be subject to extra charges. If the estimated shipping date for the goods is more than sixty (60) days after date of order, the price of the goods are subject to increase by Seller.

#### TAXES

Any sales, use, excise and other taxes applicable to this transaction and the goods and/or services furnished by Seller are not included in the price and shall be paid by Buyer when due. If Seller pays any such taxes, Buyer shall reimburse Seller upon demand.

#### WARRANTY

Seller warrants that, for a period of one (1) year from the date of its delivery of the goods to the carrier, the goods will be free from defects in workmanship and materials. IN THE EVENT OF ANY BREACH OF SUCH WARRANTY OR CONTRACT OR FOR NEGLIGENCE OR OTHERWISE WITH RESPECT TO ANY GOODS, SELLER'S DE DBLIGATION SHALL BEEXCLUSIVELY LIMITED TO, ATTHEOPTION OF SELLER REPAIR OR REPLACEMENT, F.O. B. SELLER'S POINT OF SHIPMENT, OF ANY PARTS THAT SELLER DETERMINES TO HAVE BEEN DEFECTIVE OR, IF SELLER DETERMINES THAT SUCH REPAIR OR REPLACEMENT IS NOT FEASIBLE, TO A REFUND OF THE PURCHASE PRICE UPON RETURN OF THE GOODS TO SELLER. NO CLAIM AGAINST SELLER FOR ANY BREACH OF SUCH WARRANTY SHALL BE VALID OR ENFORCEABLE UNLESS BUYER'S WRITTEN NOTICE THEREOF IS RECEIVED BY SELLER WITHIN ONE (1) YEAR FROM THE DATE OF SELLER'S DELIVERY TO THE CARRIER. EXCEPT FOR THE WARRANTY SET FORTH ABOVE, SELLER MAKES NO OTHER WARRANTIES WITH RESPECT TO THE GOODS, WHETHER EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, QUALITY AND/OR THOSE ARISING BY STATUTE OR OTHERWISE BY LAW OR FROM ANY COURSE OF DEALING OR USE OF TRADE, ALL OF WHICH AREHEREBY EXPRESSED DISCLAIMED. IN NO EVENT SHALL SELLER BE LIABLE TO BUYER OR ANY THIRD PARTY WITH RESPECT TO ANY GOOD, WHETHER IN CONTRACT, TORT OR OTHER THEORY OF LAW, FOR LOSS OF PROFITS OR LOSS OF USE, OR FOR ANY INCIDENTAL, CONSEQUENTIAL, SPECIAL, DIRECT OR NOTIRECT DAMAGES, HOWSOEVER CAUSED. SELLER'S MAXIMUM LIABILITY TO BUYER WITH RESPECT TO THE GOODS SHALL IN NO EVENT EXCED THE PRICE PAID BY BUYER FOR THE GOODS THAT ARE THE SUBJECT OF THE APPLICABLE CLAIM. Seller shall not be liable for any damage, injury or loss arising out of the use of the goods if, prior to such damage, injury or loss, such goods are: (1) damaged or misused following Seller's delivery to the carrier; (2) not maintained, inspected, or used in compliance with applicable law and Seller's written instructions or recommendations; (3) installed, repaired, altered or modified without c

#### INDEMNIFICATION AND SAFE OPERATION

Buyer shall comply with and require its employees to comply with directions set forth in instructions and manuals furnished by Seller and shall use and require its employees to follow such instructions and manuals and to use reasonable care in the use and maintenance of the goods. Buyer shall not remove or permit anyone to remove any warning or instruction signs on the goods. In the event of personal injury or damage to property or business arising from the use of the goods, Buyer shall, within forty-eight (48) hours thereafter, give Seller written notice of such injury or damage. Buyer shall cooperate with Seller in investigating any such injury or damage and in the defense of any claims arising therefrom. If Buyer fails to comply with this section or if any injury or damage is caused, in whole or in part, by Buyer's failure to comply with applicable federal or state safety requirements, Buyer shall indemnify, defend and hold Seller harmless against any claims, loss or expense for injury or damage arising from the use of the goods.

#### **DELIVERY AND DELAYS**

Unless otherwise specified herein, deliveries shall be F.O.B. Seller's point of shipment and risk of loss shall pass to Buyer upon Seller's delivery to carrier. Title to goods shall pass to Buyer at the same time that risk of loss passes, except in case of shipments to points outside of the United States in which case title shall pass to Buyer immediately after the goods leave the United States. All shipping dates are approximate and Seller shall not be liable for any delay or failure to perform its obligations under any order or sales contract arising out of causes beyond its reasonable control (a "Force Majeure Event"), including, but not limited to, acts of God or public enemy, acts of other parties, acts of civil and military authority, epidemics, pandemics, unusually severe weather, shortage of power or fuel, strikes, lockouts, boycotts, or other labor troubles, government regulations, or delays of Seller's subcontractors or suppliers in furnishing materials, components, tools or supplies due to any one or more of the foregoing causes. In no event shall Seller be liable for any damages to Buyer caused thereby whether direct, indirect, special, incidental or consequential. Time is not of the essence unless otherwise agreed to in a writing signed by Seller. Notwithstanding other provisions hereof, if shipment is delayed at Buyer's request, the goods shall be deemed to be stored at Buyer's risk and expense and Seller mailing thereof.

#### INSPECTIO

Buyer acknowledges that ten (10) days after receipt of the goods will provide Buyer with a reasonable amount of time to inspect the goods. Therefore, the goods shall be subject to final inspection and acceptance by Buyer within ten (10) days after receipt by Buyer. Buyer's failure to inspect within said lime shall constitute a waiver of Buyer's rights of inspection and rejection. Buyer's right of rejection hereunder shall be limited to non-conforming goods. Upon inspection of the goods within said ten (10) days, Buyer shall immediately notify Seller in writing as to any non-conforming goods that Buyer intends to reject and particularize in detail the reasons four borler ejection. If, upon inspection, Buyer fails to immediately notify Seller as to which non-conforming goods it intends to reject, such failure to notify shall be deemed an acceptance of the goods by Buyer. All non-conforming goods not properly rejected by Buyer hereunder shall be deemed accepted by Buyer.

#### CHANGES AND CANCELLATION

Seller reserves the right to change or cancel any order whenever circumstances require allocation of production or delivery or Seller deems change or cancellation to be necessary due to a Force Majeure Event or to comply with applicable laws, ordinances, regulations, directives or administrative actions. Seller reserves the right to make changes in materials or design that it determines appropriate for the goods. Buyer shall not change or cancel any order without Seller's prior written approval. Any cancellation by Buyer approved by Seller shall be subject to Seller's return and order cancellation policy in effect at such time, including applicable restocking and handling charges and other conditions of return.

#### SECURITY INTEREST AND REPOSSESSION

Until full payment has been made therefor, Seller shall have a security interest in goods shipped to Buyer and the goods shall remain personal property. Upon request Buyer shall execute and deliver to Seller security genements and other documents further evidencing Seller's security interest. Buyer authorizes Seller to file a financing statement or statements relating to the goods, as Seller may deem appropriate and appoints Seller as Buyer's attorney-in-fact for the limited purpose of executing (without requiring Seller to do so) documents in Buyer's name and performing other acts that Seller deems appropriate to perfect and continue its security interest and to protect and preserve the goods. In the event Buyer defaults in making any payment due Seller, Seller, in addition to any other rights or remedies provided by law, shall have the right, with or without legal process, to enter the place where said goods are located and to repossess the goods in accordance with the Uniform Commercial Code.

#### ASSURANCES

Shipment by Seller shall at all times be subject to the prior approval of its credit personnel and Seller may, at any time, decline to make shipment except upon receipt of prior payment or upon other terms and conditions or security satisfactory to Seller.

#### PATENTS

Except as to goods manufactured according to design supplied by Buyer, Seller will defend and hold Buyer free and hamless in a suit or proceeding brought against Buyer insofar as it is based on a claim that use of the goods by Buyer constitutes an infringement of any existing U.S. Patents, provided, however, that Buyer gives Seller prompt written notice of such suit or proceeding; permits Seller, through its counsel, to defend and/or settle the same, and gives Seller all necessary information, assistance and authority to enable Seller so to do. If Buyer's use of the goods is held to constitute infringement and further use is enjoined, Seller shall, at its option, either: (i) procure for Buyer the right to continue using the goods; (ii) replace the goods with non-infringing goods; or (iii) modify the goods to non-infringing goods. The foregoing states Seller's entire liability for patent infringement and shall not be construed to render Seller liable for damages based on product output.

#### LIMITATIONS ON ACTIONS

Any action against Seller for breach of warranty, negligence or otherwise must be commenced by Buyer within one (1) year after. (a) the date any alleged claim accrues; or (b) the date of delivery of the goods to Buyer, whichever is earlier.

#### MISCELLANEOUS

This instrument constitutes the entire agreement between Seller and Buyer, superseding all previous understandings and writings regarding this transaction. Any amendment or modification of this agreement shall be void unless in writing and signed by Seller. This agreement shall be governed by and construed under the laws of the State of New York. Any action to enforce, arising out of, or relating in any way to, any of the provisions of this agreement shall be brought and prosecuted in a court located in Buffalo, New York or the Western District of New York as is provided by law, and Seller and Buyer consent to such jurisdiction. No delay or omission by Seller in exercising any right or remedy hereunder shall be a waiver thereof or of any other right or remedy, and no single or partial exercise thereof shall preclude any other or further exercise thereof or the exercise of any other right or remedy. All rights and remedies of Seller are cumulative.

#### **NO RELIANCE**

Seller's employees, contractors and/or agents may have made oral statements or representations about the performance or operation of the goods. Such statements do not constitute warranties and are not part of this contract. Buyer expressly





- COLUMBUS McKINNON FAMILY OF BRANDS -





































Phone (800) 888.0985 · (716) 689.5400 · Fax: (716) 689.5644 · columbusmckinnon.com