



# EXTRA PRICES



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**Schedule # XTRA-0325**  
Prices effective March 3, 2025.  
Prices subject to change without notice.  
All prices are F.O.B. origin.

**EXTRA PRICES**

**ELECTRIC HOISTS AND TROLLEYS**

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## **CM HAND POWER HOISTS**

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**EXTRA PRICES**

**CM TROLLEYS**

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**ELECTRIC HOISTS AND TROLLEYS**

1) **CHAIN CONTAINER - LONG LIFT**

**LODESTAR** - Apply for lifts other than those listed. 10 inch diameter bucket for close headroom and long lift applications. Brackets included.

<u>LENGTH</u>	<u>MODEL</u>	<u>MAX.LIFT</u>	<u>TOTAL PRICE</u>
10 Inch <b>*Code# 2461</b>	A-AA-B-C-F	44'	\$ 752.00
	E - H	22'	
	J-JJ-L-LL	28'	
	R - RR	14'	
	RT - RRT	9'	
15 Inch <b>*Code# 2463</b>	A-AA-B-C-F	104'	\$ 796.00
	E - H	52'	
	J-JJ-L-LL	66'	
	R-RR	33'	
	RT - RRT	22'	
20 Inch <b>*Code# 2464</b>	A-AA-B-C-F	166'	\$ 825.00
	E - H	83'	
	J-JJ-L-LL	106'	
	R-RR	53'	
	RT - RRT	35'	
25 Inch <b>*Code# 2465</b>	A-AA-B-C-F	230'	\$ 848.00
	E - H	115'	
	J-JJ-L-LL	144'	
	R-RR	72'	
	RT - RRT	48'	
30 Inch <b>*Code# 2466</b>	A-AA-B-C-F	290'	\$ 866.00
	E - H	145'	
	J-JJ-L-LL	180'	
	R-RR	90'	
	RT - RRT	60'	

Note: May require counter balancing

**POWERSTAR - See Powered Hoists Price Schedule**

2) **COILED CORD** - (Power or Control Cord)

**LODESTAR/POWERSTAR/XL**

4 ft. retracted, 25 ft. extended

Add to user list price of hoist

AWG #16-4 Code 89383	\$	956.75
AWG #14-4 Code 89384	\$	1,149.50

**ELECTRIC HOISTS AND TROLLEYS**

3a) **CONTACTOR - MAINLINE (UP TO 4 H.P. - HOIST DUTY)**

**LODESTAR**

Hoist only	\$	374.00
Hoist with Motor Driven Trolley	\$	822.00

Extra charge includes mainline contactor, control transformer, larger control box (if required), mounting brackets and wiring.

**NOTE:** Price does not include additional buttons in control station.  
Mainline Contactor Only (4 H.P.)

3b) **CONTACTOR - MAINLINE**

**POWERSTAR/XL**

Add to user list price of hoist

A.	<u>Hoist Duty</u> (Nema 0) Up to 3 H.P. @ 230 Volts Up to 5 H.P. @ 460 volts	\$	1,553.00
B.	<u>Size 1</u> (Nema 1) Up to 7.5 H.P. @ 230 volts Up to 10 H.P. @ 460 volts	\$	1,716.00
C.	<u>Size 2</u> (Nema 2) Up to 15 H.P. @ 230 volts Up to 25 H.P. @ 460 volts	\$	4,397.00

4) **CONTACTOR - REVERSING TROLLEY (CARRIER) OR BRIDGE** - Single or two speed carrier or bridge

**LODESTAR/POWERSTAR/XL**

A.	Thru 2 H.P. (Max)	\$	783.00
B.	Over 2 H.P. thru 4 H.P.	\$	1,169.00

5) **CONTROL CIRCUIT, 24 or 48 VOLT - EXTRA CHARGES AS FOLLOWS**

**LODESTAR**

**HOIST ONLY**

	<b><u>115-1-60</u></b>	<b><u>230/460-3-60</u></b>
A thru H (single speed)	\$148.55	\$148.55
J, L, R & RT (single speed)	\$148.55	\$148.55
JJ, LL, RR, RRT (single speed)	Not Available	\$148.55
Two speed (All Models)	Not Available	\$148.55

**ELECTRIC HOISTS AND TROLLEYS**

5) **CONTROL CIRCUIT, 24 or 48 VOLT - EXTRA CHARGES AS FOLLOWS** - Cont.

<b><u>LODESTAR</u></b>	<b><u>115-1-60</u></b>	<b><u>230/460-3-60</u></b>
<b>M.D.T. ONLY</b>	\$ 148.45	\$ 148.45

Extra charge for modified control circuit includes special contactor, transformer, speed selecting relay (for two speed hoists), miscellaneous wiring and hardware.

<b><u>POWERSTAR/XL</u></b>		
<b>HOIST ONLY</b>	(1 or 2 speed standard voltages)	\$ 278.00
<b>M.D.T. ONLY</b>	(1 or 2 speed standard voltages)	\$ 145.65

Extra charge for modified control circuit includes special contactor, transformer, speed selecting relay (for two speed units), miscellaneous wiring and hardware.

6) **ADDITIONAL CONTROL CABLE** - Extra charges beyond standard 6 ft. drop

**LODESTAR/POWERSTAR/XL**

<u>CONTROL CORD</u>	<u>EXTRA PER FT.</u>
AWG #16-8	\$ 16.90
AWG #16-10	\$ 19.40
AWG #16-12	\$ 21.35
AWG #16-14	\$ 23.90

7a) **ADDITIONAL BUTTONS IN CONTROL STATION (NEMA 3R)**

**LODESTAR/POWERSTAR/XL**

Add to user list price of motor driven trolley

A.	Two extra single speed buttons	\$ 66.00
B.	Two extra two speed buttons	\$ 90.00
C.	On/Off (for mainline disconnect)	\$ 195.00
D.	Mushroom	\$ 195.00
E.	Key Selector	APPLY
F.	3-Position Selector	APPLY

Extra charge includes larger cables, chain strain relief and mounting hardware (mainline or bridge contactor(s) not included)



**ELECTRIC HOISTS AND TROLLEYS**

7b) **ADDITIONAL BUTTONS FOR MULTI-FUNCTION CONTROL STATIONS,  
PENDANT FROM HOIST - HOIST LESS MDT**

**LODESTAR**

Add to User List Price of hoist.

**ALL MODELS**

A.	2 additional single speed buttons	\$	66.00
B.	2 additional 2 speed buttons	\$	195.00
C.	On/Off momentary (for mainline contactor)	\$	195.00

Extra charge includes special wiring diagram, reworked end cover, 3 ft. tag lead out of hoist and chain strain relief (relays and reversing contactors and larger transformers [25 VA standard] not included).

8) **SURFACE MOUNTED CONTROL STATION - CAST STEEL OR STAINLESS STEEL**

**LODESTAR/POWERSTAR/XL**

Push buttons marked up and down, or forward and reverse, or both.

		<u>2 Button</u>	<u>4 Button</u>
All single speed, standard lift models		APPLY	APPLY
For two speed - APPLY			

9) **CONTROL TRANSFORMER** - For additional control functions

**LODESTAR/POWERSTAR/XL**

Add to user list price of hoist.

A.	100 VA	\$	1,187.00
B.	250 VA	\$	1,509.00

10) **CRATING AND PACKAGING**

**LODESTAR/POWERSTAR/XL**

Other than standard factory packaging, apply for pricing. APPLY

**ELECTRIC HOISTS AND TROLLEYS**

11) **DUAL HOIST/TROLLEY CONTROL**

**LODESTAR/POWERSTAR/XL**

**A. TWO HOISTS CONTROLLED FROM ONE PENDANT CONTROL STATION**

Push buttons marked Hoist Up and Hoist Down, selector switch marked Hoist #1, Hoist #2 and both.

Add to user list price of each hoist.

All single speed models with contactor	\$ 922.00
All two speed models	\$ 1,845.00

Price includes hoist isolating contactor, transformer (mounted in box), hoist speed selecting relay (for 2 speed units), weatherproof electrical enclosure, #16-8 control station cable (for single speed hoists) or #16-10 control station cable (for two speed units) chain strain relief and hardware.

Control station is pendant from electrical enclosure and control cord length is based on 10 ft. hoist lift. For longer control cord add:

<u>CONTROL CORD</u>	<u>EXTRA PER FT.</u>
AWG #16-10	\$ 18.80

Standard distance between hoists is 10 ft. for each additional foot of distance add:

<u>CONTROL &amp; POWER CORDS</u>	<u>EXTRA PER FT.</u>
Single or two speed models	\$ 30.40

**B. TWO HOISTS AND TWO MOTOR DRIVEN TROLLEYS CONTROLLED FROM ONE PENDANT CONTROL STATION**

- Push buttons marked Hoist Up and Hoist Down, Trolley Forward and Trolley Reverse, selector switch marked Hoist #1, Hoist #2, and both, Trolley #1, Trolley #2 and both

Add to user list price of each hoist and trolley.

All single speed models with contactor	\$ 1,371.00
All two speed models	\$ 2,745.00

Price includes weatherproof electrical enclosure, transformer, hoist isolating contractor, trolley isolating contactor, hoist speed selecting relay (for 2 speed units), larger control cables for additional control functions, chain strain relief & hardware.

Control station is pendant from electrical enclosure and control cord length is based on 10 ft. hoist lift. For longer control cord add:

<u>CONTROL CORD</u>	<u>EXTRA PER FT.</u>
AWG #16-14	\$ 23.10

**ELECTRIC HOISTS AND TROLLEYS**

11) **DUAL HOIST/TROLLEY CONTROL** - Cont.

Standard distance between hoists is 10 ft. for each additional foot of distance add:

<u>CONTROL &amp; POWER CORDS</u>	<u>EXTRA PER FT.</u>
Single or two speed models	\$ 54.40

12) **ELECTRICAL INTERLOCK**

**LODESTAR/POWERSTAR/XL** - Additional normally closed contacts installed in the hoist or trolley to prevent both hoisting and lowering or trolley forward and reverse circuits to become energized simultaneously.

Add to each contactor \$ 173.00

13) **EXTENDED ARM FOR CONTROL STATION** (Outrigger)

1 4 ft. or 5 ft. extension.

**LODESTAR/POWERSTAR/XL**

Add to user list price of hoist or motor driven trolley. \$ 1,477.00

Price includes counterweights and anti-tipping rollers (if required). Add for extra control cord as required.

Can also offer 180° pivot - need to specify length required from center web of beam. APPLY

14) **EYEBOLT TYPE SUSPENSION (TO REPLACE UPPER HOIST HOOK)**

Add to user list price of hoist with standard rigid hook suspension

**LODESTAR**

Maximum 2 ton Capacity \$ 1,268.00

15) **FUNGUS PROTECTION** - To protect hoist or trolley components from humid atmospheres (special varnish spray for various electric components).

**LODESTAR/POWERSTAR/XL**

A. Hoist only - Add to user list price of hoist \$ 275.00

B. Trolley only - Add to user list price of trolley \$ 212.00

**NOTE:** Also add weatherproofing extra from sales literature if not standard

**ELECTRIC HOISTS AND TROLLEYS**

16) **HOIST OR TROLLEY HIGH TEMPERATURE SERVICE** - (Special motor insulation)

A. **LODESTAR**

Add to user list price of hoist or trolley

Hoist

Class F - Standard (rated at 135°C) STANDARD  
Class H (rated at 155°C) \$ 811.00

Trolley

Class F - Standard (rated at 135°C) STANDARD  
Class H (rated at 155°C) \$ 811.00

B. **POWERSTAR**

Add to user list price of hoist or trolley

Hoist

Class F - Standard (rated at 135°C) STANDARD  
Class H (rated at 155°C) \$ 2,678.00

Trolley

Class F (rated at 135°C) STANDARD  
Class H (rated at 155°C) \$ 955.00

C. **LODESTAR XL**

Add to user list price of hoist or trolley

Hoist

Class F - Standard (rated at 135°C) STANDARD  
Class H (rated at 155°C) \$ 1,449.00

Trolley

Class F (rated at 135°C) STANDARD  
Class H (rated at 155°C) \$ 1,102.00

**ELECTRIC HOISTS AND TROLLEYS**

17) **LONG LIFT LIMIT SWITCHES**

**LODESTAR** - Apply for lifts longer than those listed.

LIMIT SWITCH	CLASSIC LODESTAR MODELS				
	EXTRA CHARGE	A & C	AA	B	E & H
44"	N/C STANDARD	206	390	104	52
56"	\$ 161.00	262	497	133	66
64"	\$ 161.00	300	568	152	76
		F	J & L	JJ	LL
44"	N/C STANDARD	104	125	246	246
56"	\$ 161.00	133	159	314	314
64"	\$ 161.00	152	181	358	358
		R	RR	RT	RRT
44"	N/C STANDARD	62	123	42	82
56"	\$ 161.00	79	157	53	105
64"	\$ 161.00	91	179	60	119

LIMIT SWITCH	NEXT GENERATION LODESTAR MODELS					
	EXTRA CHARGE	A & C	AA	B	E & H	
44"	N/C STANDARD	206	385	105	52	
56"	\$ 161.00	262	491	133	67	
64"	\$ 161.00	299	561	152	76	
		F	J & L	JJ	LL	
44"	N/C STANDARD	105	127	250	249	
56"	\$ 161.00	133	162	318	317	
64"	\$ 161.00	152	185	363	362	
		R	RR	RRS	RT	RRT
44"	N/C STANDARD	64	124	125	42	83
56"	\$ 161.00	81	158	159	54	106
64"	\$ 161.00	93	181	182	62	121

**NOTE:** Above extra charge is for finer thread 56 or 64 limit switch shaft and traveling nuts. Hoist duty cycle must be considered if repetitive lifting is required

Also, coarser 28 thread limit switch shaft and traveling nuts are available to provide finer adjustment for close headroom applications. These 28 thread limits reduce lift range to one half the long lift ranges shown above.

**EXTRA CHARGE**

\$ 161.00

**ELECTRIC HOISTS AND TROLLEYS**

17) **LONG LIFT LIMIT SWITCHES** Cont.

**POWERSTAR**

2 & 3 Ton - up to 199 ft. lift.  
4, 5, & 6 Ton - up to 99 ft. lift

**EXTRA CHARGE**

N/C STANDARD  
N/C STANDARD

2 & 3 Ton - over 199 ft. but less than 289 ft.  
4, 5 & 6 Ton - over 99 ft. but less than 144 ft.  
7 1/2 - 10 Ton - over 66 ft. but less than 96 ft.  
12 Ton - over 40 ft. but less than 72 ft.  
15 Ton - over 39 ft. up to 57 ft.



\$ 161.00

Above extra charge is for finer thread 56 or 64 limit switch shaft and traveling nuts.  
Hoist duty cycle must be considered if repetitive lifting is required  
Longer Lifts

\_\_\_\_\_  
APPLY

**LODESTAR XL**

Capacity	Reeving	Speed	Lift Range Ft.
2 ton	Single	18 fpm	121 - 174
2 ton	Single	24 fpm	131 - 189
2 ton	Single	30 fpm	213 - 308
3 ton	2-part	9 fpm	61 - 87
3 ton	2-part	12 fpm	66 - 94
3 ton	2-part	15 fpm	107 - 154
4 ton	2-part	9 fpm	61 - 87
4 ton	2-part	12 fpm	66 - 94
4 ton	2-part	15 fpm	107 - 154
5 ton	2-part	9 fpm	61 - 87
5 ton	2-part	12 fpm	66 - 94
5 ton	2-part	15 fpm	107 - 154
5 ton	3-part	6 fpm	41 - 58
5 ton	3-part	8 fpm	44 - 62
6 ton	3-part	6 fpm	41 - 58
6 ton	3-part	8 fpm	44 - 62
6 ton	3-part	10 fpm	72 - 103
7.5 ton	3-part	6 fpm	41 - 58
7.5 ton	3-part	10 fpm	72 - 103



\$ 161.00

Above extra charge is for finer thread 56 or 64 limit switch shaft and traveling nuts.  
Hoist duty cycle must be considered if repetitive lifting is required  
Longer Lifts

\_\_\_\_\_  
APPLY

18) **LUG SUSPENSION FOR PATENTED CARRIERS**

**LODESTAR**

**LUG SUSPENSION FOR AMERICAN MONORAIL CARRIERS** - Add to  
"Hoist Only" Column in HFLU price sheet.

\_\_\_\_\_  
LIST PRICE EA.

Models A-AA-B-C-F on A-167 Load Bar	Code 2780	APPLY
Models E-H on A-212 Load Bar	Code 2781	APPLY
Models A-AA-B-C-F on A-212 Load Bar	Code 2791	APPLY
Models J-L-JJ-LL on A-212 Load Bar	Code 3618	APPLY
Models R-RR on A-215 Load Bar	-	APPLY

**ELECTRIC HOISTS AND TROLLEYS**

18) **LUG SUSPENSION FOR PATENTED CARRIERS** Cont.

**LODESTAR**

**LUG SUSPENSION FOR CLEVELAND TRAMRAIL CARRIERS** - Add to  
"Hoist Only" Column in HFLU price sheet.

LIST PRICE EA.

Models A-AA-B-C-F on 2K-8780 Load Bar	Code 2794	APPLY
Models E-H on 2K-8780 Load Bar	Code 2795	APPLY
Models J-JJ on 2K-8780 Load Bar	Code 3620	APPLY
Models A-AA-B-C-F on 3K-7143 Load Bar	Code 2786	APPLY
Models J-L-JJ-LL on 3K-7143 Load Bar	Code 3621	APPLY
Models E-H on 3K7143 Load Bar	Code 2787	APPLY
Models R-RR on 3K-7143 Load Bar	Code 3637	APPLY

**LUG SUSPENSION FOR PATENTED CARRIERS**

EXTRA CHARGE

Models RT-RRT APPLY

Manufacturer, Carrier Model Number and Load Bar

**NOTE:** Number, and/or Load Bar Details must be submitted.  
(Special)

19) **MAINTAINED CONTROL (AUTOMATIC HOOK TRAVEL IN TWO DIRECTIONS)**

**LODESTAR**

The hoist must have a contactor which is equipped with auxiliary contacts (electrical interlock - n.o. contacts), used in conjunction with a three button control station (or stations if more than one control point is desired). For **dumbwaiter** applications, the protector gear must be replaced by a solid intermediate gear and hoist be equipped with rigid type suspension.

Push buttons are normally marked "Stop, Up and Down"

Add to user list price of hoist

**NO LONGER AVAILABLE**

The above price includes a single 3 button station, surface mounted type.

20) **OVERCURRENT PROTECTION - HOIST OR TROLLEY**

**LODESTAR** \*NOTE: STANDARD ON NEXT GENERATION LODESTAR HOIST ONLY

A. **THERMAL PROTECTION** - thermal overload device  
(Klixon) in motor winding

Add to user list price of hoist or trolley \$ 70.00

**ELECTRIC HOISTS AND TROLLEYS**

20) **OVERCURRENT PROTECTION - HOIST OR TROLLEY** Cont.

B. **MOTOR THERMAL OVERLOAD RELAYS (T.O.R.)  
(AUTOMATIC RESET) FOR OVERCURRENT PROTECTION**

To protect motors against excessive voltage drop and current draw  
(1 relay required for single speed motor, 2 relays for 2 speed motor)

1. For hook, lug or low headroom trolley suspension - Add to User List Price of hoist:
 

All 3 phase single speed models (1 relay)	\$	1,584.00
All 2 speed models (2 relays)	\$	2,073.00

Price includes box, straps, brackets for mounting outside hoist and wiring.

2. For M.D.T. suspensions - Add to User List Price of trolley:
 

3 phase - M.D.T. only (1 relay)	\$	409.00
3 phase single speed hoist with M.D.T. (2 relays)	\$	817.00
Two speed hoist with M.D.T. (3 relays)	\$	957.00

Price includes larger control box, mounting brackets and wiring.

C. **MOTOR OVERCURRENT PROTECTION (REPLACEABLE FUSES)  
SINGLE OR 3 PHASE**

Set of fuses to protect each motor against voltage drop and excessive current draw.

1. For hook, lug or low headroom trolley suspension - Add to User List Price of hoist:
 

Models A thru H - Single phase (2 fuses)	\$	878.00
Three phase - Single speed (3 fuses)	\$	899.00
Three phase - Two speed (6 fuses)	\$	957.00

Price includes box, straps, brackets for mounting outside hoist and wiring.

Trolley Mounted Only

- |  |    |        |
|--|----|--------|
| Models J, L, R & RT - Single phase (2 fuses) | \$ | 638.00 |
| Models J thru RRT - Three phase -            |    |        |
| Single speed (3 fuses)                       | \$ | 669.00 |
| Two speed (6 fuses)                          | \$ | 735.00 |

**Note: External box is required - fuses are mounted inside box.**



# ELECTRIC HOISTS AND TROLLEYS

**XTRA-0325**

EFFECTIVE: 3-3-25

20) OVERCURRENT PROTECTION - HOIST OR TROLLEY Cont.

POWERSTAR/XL

- A. **THERMAL PROTECTION** - Thermal overload device (Klixon) in motor winding is standard on Powerstar and XL. STANDARD
- B. **MOTOR THERMAL OVERLOAD RELAYS (T.O.R.) (AUTOMATIC RESET) FOR OVERCURRENT PROTECTION**  
To protect motors against voltage drop and excessive current draw (1 relay required for single speed motor, 2 relays for 2 speed motor)
- |                               |    |          |
|-------------------------------|----|----------|
| Add for first relay           | \$ | 1,584.00 |
| Add for each additional relay | \$ | 489.00   |
- C. **MOTOR OVERCURRENT PROTECTION (REPLACEABLE FUSES)**  
Set of fuses to protect each motor against voltage drop and excessive current draw. (3 fuses required for single speed motor - 6 fuses for 2 speed motor)
- |                                      |    |        |
|--------------------------------------|----|--------|
| Add for first set of 3 fuses         | \$ | 671.00 |
| Add for each additional set of fuses | \$ | 199.00 |
- D. **SHORT CIRCUIT PROTECTION** - Set of 3 replaceable fuses in power line to protect entire hoist or trolley circuitry (or both) against electrical short circuit.
- |                        |    |        |
|------------------------|----|--------|
| Add for set of 3 fuses | \$ | 483.00 |
|------------------------|----|--------|
- E. **CONTROL CIRCUIT OVERCURRENT PROTECTION (TRANSFORMER FUSING)**
- |                          |    |        |
|--------------------------|----|--------|
| Add for each transformer | \$ | 152.00 |
|--------------------------|----|--------|
- Price includes one fused leg and one grounded leg to protect hoist or trolley control circuit.

**ELECTRIC HOISTS AND TROLLEYS**

21a **OVERSIZED BEAMS**

**LODESTAR**

**A. LOW HEADROOM TROLLEY**

Add to list price of trolley for larger than standard flange widths.

<u>CAPACITY</u>	<u>LARGER "S" BEAMS</u>	<u>WF SHAPES</u>	<u>EXTRA CHARGE</u>
Up to 1 Ton	Over 5 5/8" thru 7 1/4"	Over 5 13/16" thru 6 13/16"	\$ 126.00

SPECIFY STANDARD CODE #3588

Above are maximum obtainable flange widths. Extra charge is for larger load bracket and longer suspension bolts.

2 Ton	Over 6" thru 8"	Over 5 13/16" thru 8 1/16"	\$ 165.00
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Extra charge is for larger load bracket and longer suspension bolts. SPECIFY STANDARD CODE #3570

2 Ton	-	Over 8 1/16" thru 10 9/16"	\$ 1,085.00
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10 9/16" maximum obtainable flange width. Extra Charge is for larger load bracket, longer suspension bolts and modified side frames (addition of spacer block for support).

3 Ton	Over 5 5/8" thru 7 1/4"	Over 5 7/16" thru 7 5/16"	\$ 312.00
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Extra charge is for longer suspension bolts and larger load bracket.

3 Ton	Over 7 1/4" thru 8"	Over 7 5/16" thru 8 15/16"	\$ 501.00
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-	-	Over 9 1/16" thru 10 1/2"	\$ 1,064.00
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10 1/2" is maximum obtainable flange width. Extra charge is for longer suspension bolts and modified side frames (addition of spacer block for support and machined steel load bracket) - Special.

# ELECTRIC HOISTS AND TROLLEYS

**XTRA-0325**  
EFFECTIVE: 3-3-25

21a **OVERSIZED BEAMS** Cont.

## **LODESTAR**

### **B. SERIES 635 MOTOR DRIVEN TROLLEY**

Add to list price of Motor Driven Trolley for larger than standard flange widths.

<u>CAPACITY</u>	<u>LARGER "S" BEAMS</u>	<u>WF SHAPES</u>	<u>EXTRA CHARGE</u>
Up to 2 Tons	Over 5 5/8" thru 8"	Over 5 7/16" thru 8 3/16"	\$ 158.00

Extra charge is for larger load bracket and longer suspensions bolts.

Up to 2 Tons	-	Over 8 3/16" thru 10 1/4"	\$ 849.00
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10 1/4" is maximum obtainable flange width. Extra charge is for larger load bracket, longer suspension bolts and modified side frames (addition of spacer block for support).

3 Ton	Over 5 5/8" thru 7 1/4"	Over 5 7/16" thru 7 1/16"	\$ 279.00
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Extra charge is for longer suspension bolts and larger load bracket.

3 Ton	Over 7 1/4" thru 8"	Over 7 5/16" thru 9 1/8"	\$ 583.00
	-	Over 9 1/8" thru 10 1/2"	\$ 1,064.00

10 1/2" maximum obtainable flange width. Extra Charge is for longer suspension bolts, modified side frames (addition of spacer block for support and machined steel load bracket) - Special.

**ELECTRIC HOISTS AND TROLLEYS**

21b **OVERSIZED BEAMS**

**POWERSTAR/XL**

Add to list price of trolley or hoist with trolley.

CAPACITY

<u>TONS</u>	<u>LARGER "S" BEAMS</u>	<u>WF SHAPES</u>	<u>EXTRA CHARGE</u>
2 Ton	Over 5 1/2"	Over 5 5/16"	\$ 324.90
Powerstar and XL	thru 7 5/8"	thru 7 7/16"	

Extra charge is for longer suspension bolts and modified frames.

(Addition of spacer block for support).

2 Ton			
Powerstar and XL	Over 7 5/8"	Over 7 7/16"	\$ 553.90
	thru 8"	thru 9 9/16"	
	—	Over 9 9/16"	\$ 1,806.85
		thru 13 5/8"	

13 5/8" is maximum obtainable flange width. Extra Charge is for longer suspension bolts and modified side frames, (Addition of spacer block for support) - Special.

3 to 6			
Powerstar Only	Over 6 1/4"	Over 6 1/16"	\$ 324.90
	thru 7 5/8"	thru 7 7/16"	

Extra Charge is for longer suspension bolts and modified side frames

(Larger spacer block for support).

3 to 6			
Powerstar Only	Over 7 5/8"	Over 7 7/16"	\$ 609.75
	thru 8"	thru 8 13/16"	
	—	Over 8 13/16"	\$ 1,253.00
		thru 10 3/4"	

Extra charge is for longer suspension bolts and modified side frames.

(Larger spacer block for support) - Special. Apply for larger than 10 3/4"

7 1/2 Ton			
Powerstar Only	Over 7 1/2"	Over 7 5/16"	\$ 870.40
	thru 8"	thru 8 13/16"	
	—	Over 8 13/16"	\$ 1,253.00
		thru 10 1/2"	

9 - 10

Powerstar Only	—	Over 7 13/16"	\$ 980.45
		thru 8 13/16"	
	—	Over 8 13/16"	\$ 1,204.90
		thru 10 1/2"	

Extra charge is for longer suspension bolts and modified side frames.

(Larger spacer block for support) - Special.

12 - 15			
Powerstar Only	-	Over 8 13/16"	\$ 1,806.85
		thru 10 1/2"	

Extra charge is for longer suspension bolts and modified side frame.

(Larger spacer block for support) - Special.

**ELECTRIC HOISTS AND TROLLEYS**

22) **SPECIAL PAINT OR FINISH**

**LODESTAR/POWERSTAR/XL**

Other than standard factory finish, apply for pricing.

APPLY

23a **PATENTED TRACK**

**LODESTAR**

A. **LOW HEADROOM TROLLEY**

Standard trolleys up to 2 ton capacity will operate on patented track with 3.33" or 3 1/4" flange widths, but may not negotiate smaller radius curves, switches, interlocks or splice plates.

**NOTE:**

A rigid lug for a MDT must be used to join hoist to special low headroom trolley.

For operation on 2", 3.33" or 3 1/4" patented track using flat tread wheels (if desired). Add to user list price of low headroom trolley:

**CAPACITY  
(TONS)**

**2" FLANGE**

*1	\$1,352.80
2	\$809.00
3	N/A

**3.33" OR 3 1/4" FLANGE**

1	\$984.95
2	\$423.80
3	\$216.15

Extra charge is for plain type Motor Driven Trolley (1/8 - 2 Ton) with modified side frames and flat tread trackwheels (customer responsible for counterweighting if required) - Special.

\* Requires 2 ton load bracket and MDT lug. Lug must be ordered separately.

B. **SERIES 635 MOTOR DRIVEN TROLLEY**

Standard trolleys up to 2 ton capacity will operate on patented track with 3.33" or 3 1/4" flange widths, but may not negotiate smaller radius curves, switches, interlocks or splice plates. Also this trolley is not suitable for operation on Cleveland Tramrail "2100" Rail.

For operation on 2", 3.33" or 3 1/4" patented track using flat tread wheels. Add to user list price of motor driven trolley.

**CAP  
(TONS)**

**2" FLANGE**

Up to 2	\$675.75
3	N/A

**3.33" OR 3 1/4" FLANGE**

Up to 2	\$287.90
3	\$287.90

Extra charge is for modified side frames and flat tread trackwheels (customer responsible for counterweighting if required) - Special

**ELECTRIC HOISTS AND TROLLEYS**

23b **PATENTED TRACK** - with 3.33" or 3 1/4" flange widths

**POWERSTAR/XL**

Standard trolleys up to 2 ton will operate on patented track with 3.33" or 3 1/4" flange widths but are not suitable for operation on Cleveland Tramrail "2100" Rail. The 3 thru 5 ton must be modified in order to operate on patented track with 3.33" or 3 1/4" flange widths, and are not suitable for operation on Cleveland Tramrail "2100" Rail or Louden "Supertrack."

23b **PATENTED TRACK** - with 3.33" or 3 1/4" flange widths - Cont.

**POWERSTAR/XL**

**NOTE:** Trolley may not negotiate smaller radius curves, switches, interlocks or splice plates.

Add to list price of trolley or hoist with trolley

1.	Up to 2 ton	Powerstar and XL		N/C
2.	3 thru 6 ton	Powerstar Only	\$	631.70

Extra charge is for 3 thru 6 ton, includes shorter suspension bolts, modified side frames and flat tread wheels.

24) **POWER CORD STRAIN RELIEF**

**LODESTAR/POWERSTAR/XL**

	Add	\$	102.00
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**NOTE:** Specify Code 68695 on order.

25a **SPECIAL POWER SUPPLIES**

**LODESTAR**

**A. HOIST ONLY**

Add to user list price of standard 115-1-60 hoist (single speed units only)

Models A thru H, J, L, R & RT

<u>115-1-50</u>	<u>208-1-60</u>	<u>230-1-60</u>	<u>230-1-50</u>
\$ 73.00	\$ 73.00	\$ 73.00	\$ 73.00

Add to user list price of standard 230/460-3-60 hoist  
All models single or two speed

<u>575-3-60</u>	<u>208-3-60</u>	<u>380-3-50</u>	<u>230-3-50</u>	<u>380-3-60</u>
No Charge	Standard Hoist *	Standard Hoist *	Standard Hoist *	\$ 326.00

\* No extra charge for special power supply when noted as "Standard Hoist"  
Please note, however, that hoist motor provided will be 230V or 460V nominal

# ELECTRIC HOISTS AND TROLLEYS

**XTRA-0325**  
EFFECTIVE: 3-3-25

25a **SPECIAL POWER SUPPLIES** - Cont.

**LODESTAR**

B. **M.D.T. ONLY**

Add to user list price of standard motor driven trolley.

<u>115-1-50</u>	<u>208-1-60</u>	<u>230-1-60</u>	<u>230-1-50</u>	<u>380-3-60</u>
\$ 73.00	\$73.00	\$ 73.00	\$73.00	\$ 326.00

<u>208-3-60</u>	<u>380-3-50</u>	<u>575-3-60</u>	<u>230-3-50</u>
Standard Trolley *	Standard Trolley *	\$ 75.00	Standard Trolley *

\* No extra charge for special power supply when noted as "Standard Trolley"  
Please note, however, that hoist motor provided will be 230V or 460V nominal

25b **POWERSTAR**

A. **HOIST ONLY**

Add to user list price of hoist

<u>208-3-60</u>	<u>380-3-50</u>	<u>575-3-60</u>
Standard Hoist *	Standard Hoist *	\$ 242.00

Extra charge is for additional motor, transformer and brake coil if applicable.

B. **M.D.T. ONLY**

Add to user list price of standard motor driven trolley.

<u>208-3-60</u>	<u>380-3-50</u>	<u>575-3-60</u>
Standard Trolley *	Standard Trolley *	\$ 242.00

\* No extra charge for special power supply when noted as "Standard Hoist" or "Standard Trolley"  
Please note, however, that hoist or trolley motor provided will be 230V or 460V nominal

26) **SPACE HEATERS**

**LODESTAR/POWERSTAR/XL**

Add to user list price of hoist \$ 1,334.00

**ELECTRIC HOISTS AND TROLLEYS**

27) **TROLLEY ACCELERATION CONTROL DEVICE - (SOFT START) (3 PHASE ONLY)**

**LODESTAR/POWERSTAR/XL**

Add to user list price of M.D.T. \$ 643.35

Price includes larger control box for mounting acceleration control device and miscellaneous wiring.

28) **TROLLEY BALLAST RESISTORS** - Set of 3 in a ventilated enclosure for cushioned start of Motor Driven Trolley (3 phase).

**LODESTAR/POWERSTAR/XL**

Add to list price of trolley. \$ 955.20

29) **TROLLEY GUARDS**

**LODESTAR**

**LOW HEADROOM SERIES 635 PUSH TROLLEY**

Trolley guards are sections of steel welded to the four ends of the trolley side frames forming bumpers. Side frames must be modified prior to assembly.

Add to list price of Low Headroom Series 635 Push Trolley \$ 175.00

30) **TROLLEY TRAVEL LIMIT SWITCHES**

**LODESTAR/POWERSTAR/XL**

Add to list price of trolley \$ 2,319.90

Extra charge is for mounting and wiring two roller type limit switches (one forward, one reverse) to trolley side frame. Customer to fabricate and install actuator on beam or track to trip switches. CM will provide details for fabricating and installing actuators.



**ELECTRIC HOISTS AND TROLLEYS**

31) **ADDITIONAL AVAILABLE MOTOR DRIVEN TROLLEY SPEEDS**

**LODESTAR SERIES 635**

CAPACITY (TONS)	SPEED (FPM)	ADD TO USER LIST PRICE
1/8 - 3	15	\$ 346.00
	25	\$ 346.00
	50	\$ 346.00

**POWERSTAR/XL**

CAPACITY (TONS)	SPEED (FPM)	ADD TO USER LIST PRICE
Powerstar and XL 1/2 - 2	17 1/2	\$ 1,768.95
	35	\$ 355.50
	35/17 1/2	\$ 1,768.95
	50	\$ 355.50
	50/25	\$ 1,768.95
	65/32	\$ 1,768.95
	100/50	\$ 1,768.95
	150	\$ 668.60
	150/75	\$ 1,768.95
Powerstar Only 3 - 6	17 1/2	\$ 1,768.95
	25	\$ 355.50
	35	\$ 355.50
	50/25	\$ 1,768.95
	65	\$ 355.50
	65/32	\$ 1,768.95
	75	\$ 668.60
Powerstar Only 3 Ton (Only)	100	\$ 668.60
	100/50	\$ 1,768.95
	150	\$ 1,039.10
Powerstar Only 7 1/2	17 1/2	\$ 355.50
	25	\$ 355.50
	35	\$ 355.50
	35/17 1/2	\$ 1,768.95
	50	\$ 355.50
	50/25	\$ 1,768.95
Powerstar Only 9	17 1/2	\$ 355.50
	35/17 1/2	\$ 1,768.95
	50	\$ 668.60
	50/25	\$ 1,768.95

**ELECTRIC HOISTS AND TROLLEYS**

31) **ADDITIONAL AVAILABLE MOTOR DRIVEN TROLLEY SPEEDS** Cont.  
**POWERSTAR/XL Cont.**

	<u>CAPACITY</u> <u>(TONS)</u>	<u>SPEED</u> <u>(FPM)</u>	<u>ADD TO USER</u> <u>LIST PRICE</u>
Powerstar Only	10 & 12	17 1/2	\$ 355.50
		35/17 1/2	\$ 1,768.95
		50	\$ 668.60
		50/25	\$ 1,768.95
Powerstar Only	15	17 1/2	\$ 355.50
		35/17 1/2	\$ 1,768.95

32) **TOW BAR**

**LODESTAR/POWERSTAR/XL**

A tow bar or spacer bar for tandem arrangement of two trolleys on same beam.  
(Up to 10 ft. - specify distance between hooks)

Add to list price of low headroom or motor driven trolley \$ 1,820.10

33) **3M PHASE SENSING RELAY**

**LODESTAR** (3 Phase Only)

**NOTE:** Same price for factory installed when ordering Lodestar hoist for 3M Company or for field retrofit kits:

#10001991 for retrofit kit \$ 373.00  
V1 (Small Frame) or V2 (Large Frame)

34) **UNDERSIZED BEAMS**

**POWERSTAR**

**TROLLEY OPERATION ON S8 X 18.4 (4" FLANGE) THRU S10 X 35 (5" FLANGE) BEAMS**

Add to list price of trolley or hoist with trolley

3 thru 6 Ton \$ 188.80

Extra charge includes shorter suspension bolts and modified side frames.

**CM HAND POWER HOISTS**

1) **CYCLONE ARMY & LOW HEADROOM TROLLEY HOIST W/TROLLEY GUARDS**  
**(SPECIAL)**

<u>CAPACITY</u>	<u>EXTRA CHARGE</u>
1/4, 1/2 & 1 Ton	\$ 127.15
1 1/2 & 2 Ton	\$ 257.80
3 & 4 Ton	\$ 309.60
5 & 6 Ton	\$ 405.45
8, 10 & 12 Ton (Army Only)	\$ 531.00

2) **CYCLONE ARMY TYPE TROLLEY HOIST - BEYOND STANDARD ADJUSTMENT**  
**RANGE (SPECIAL)**

<u>CAP.(TONS)</u>	<u>LARGER "S" BEAMS</u>	<u>WF SHAPES</u>	<u>EXTRA CHARGE</u>
1/4, 1/2 & 1	Over 5 1/2" thru 7 5/8"	Over 5 5/16" thru 7 7/16"	\$ 927.65
		Over 7 5/8" thru 8"	\$ 1,883.60
		Over 10" thru 13 5/8"	APPLY
1-1/2 & 2	Over 5 5/8" thru 8"	Over 5 7/16" thru 7 13/16"	\$ 927.65
		Over 7 13/16" thru 10 1/2"	\$ 1,217.25
		Over 10 1/2" thru 13 5/8"	APPLY
3 & 4	Over 5 5/8" thru 8"	Over 5 7/16" thru 7 13/16"	\$ 2,749.90
		Over 7 13/16" thru 10 1/2"	\$ 2,749.90
		Over 10 1/2" thru 13 5/8"	APPLY
5 & 6	Over 6 3/8" thru 8"	Over 6 3/8" thru 8 5/8"	\$ 1,243.70
		Over 8 5/8" thru 10 1/2"	\$ 2,749.90
		Over 10 1/2" thru 13 5/8"	APPLY
8 & 10	-	Over 7 13/16" thru 11 13/16"	\$ 2,749.90

**CM HAND POWER HOISTS**

3) **LOW HEADROOM TROLLEY HOIST**

**TROLLEY HOISTS - BEYOND STANDARD ADJUSTMENT RANGE (SPECIAL)**

<u>CAP.(TONS)</u>	<u>LARGER "S" BEAMS</u>	<u>WF SHAPES</u>	<u>EXTRA CHARGE</u>	
1/2 & 1	Over 5" thru 5 1/2"	Over 4 13/16" thru 5 5/16	\$	557.50
1 1/2, 2 & 3	Over 5 1/2" thru 6"	Over 5 5/16" thru 5 13/16"	\$	879.45
4, 5 & 6	Over 7" thru 7 1/2"	Over 6 13/16" thru 7 1/2"	\$	1,319.45

NOTE: Flange widths are maximum obtainable due to trolley side frames hitting handwheel cover.

4) **FLANGE ARMY TYPE TROLLEY HOIST & LOW HEADROOM TROLLEY HOIST - FOR OPERATION ON 3 1/4" OR 3.33" PATENTED TRACK (SPECIAL)**

<u>CAPACITY</u>	<u>EXTRA CHARGE</u>
1/4 & 1/2 & 1 Ton	N/C
1 1/2 & 2 Ton (Army) (Low Headroom Trolley)	N/C Uses Standard N/C Wheels
3, 4, 5 & 6 Ton	APPLY (Uses flat tread wheels)
8, 10 & 12 Ton	APPLY

5) **CYCLONE & TROLLEY HOIST - UPPER OR LOWER BRONZE HOOK**

<u>CAPACITY</u>	<u>EXTRA CHARGE</u>
1/4 & 1/2 Ton	\$ 649.00
1 Ton	\$ 1,895.30
1 1/2 & 2 ton	\$ 3,832.20
3 ton	APPLY
4 & 5 Ton	APPLY
6 thru 12 Ton	APPLY

**CM HAND POWER HOISTS**

6) **CYCLONE - EYE TYPE SUSPENSION**

<u>CAPACITY</u>	<u>EXTRA CHARGE</u>
1/4, 1/2 & 1 Ton	\$ 672.50
1 1/2 & 2 Ton	\$ 810.55
3 & 4 Ton	\$ 832.85
5 Ton	\$ 832.85
6 thru 10 Ton	APPLY

## CM TROLLEYS

### ADD TO USER LIST PRICE OF TROLLEY

1) **SERIES 632 TROLLEY BEYOND STANDARD ADJUSTMENT RANGE**

<u>CAP. (TONS)</u>	<u>LARGER "S" BEAMS &amp; WF SHAPES</u>	<u>EXTRA CHARGE</u>
1/2 & 1	Over 5 1/6" thru 7 1/2"	\$ 80.15

NOTE: 7 1/2" maximum obtainable flange width - extra charge is for longer load bar.

2	Over 5 5/8" thru 8"	\$ 102.05
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NOTE: Extra charge is for a longer load bar reinforced by a support section above the hook seat.

NOTE: Flange widths greater than listed above are not available. Refer to Series 633, Series 80 or Series 84 Trolley for those applications.

2) **SERIES 632 TROLLEY OPTIONAL ACCESSORIES**  
**TROLLEY GUARDS**

Trolley guards are heavy formed lug sections which provide added suspension security.

<u>CODE NO.</u>	<u>CAPACITY</u>	<u>EXTRA CHARGE</u>
3227	1/4 & 1/2 ton	\$ 176.00
3228	1 ton	\$ 176.00
3229	2 ton	\$ 206.00

**BUMPERS**

Bumpers can be provided where two or more trolleys travel on the same runway or runways with tight radius curves.

<u>EXTRA CHARGE</u>	
1/4 thru 1-ton	\$ 111.90
1-1/2 ton thru 3-ton	APPLY

**LODESTAR - CORROSION RESISTANT EXTRAS  
ADD TO USER LIST PRICE OF HOIST**

- 1) **STAINLESS STEEL LOAD CHAIN \***  
\*THIS MODIFICATION WILL NOT MAKE THE HOIST EXPLOSION OR SPARK PROOF.  

Model A, AA, B, C & F	\$ 45.70	per ft. of Lift
Model E & H	\$ 91.40	per ft. of Lift
Models J thru RRT	Not Available	
  
- 2) **MODIFIED LIFTWHEEL & CHAIN GUIDES** \$ 533.00  
(REQUIRED WITH STAINLESS STEEL LOAD CHAIN)
  
- 3) **NICLAD PLATED LOAD CHAIN**  

Add to Regular Chain Price	\$ 19.80	per lineal ft. of chain
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- 4) **BRONZE UPPER OR LOWER HOOK ONLY (SPECIAL) \***  

Model A, AA, B, C & F	\$ 772.00
Model E & H	\$ 772.00
Model J, JJ, L & LL	\$ 2,164.00
Model R thru RRT	\$ 4,457.00
  
- 5) **STAINLESS STEEL UPPER OR LOWER HOOK ONLY (SPECIAL) \***  

Model A, AA, B, C & F	\$ 952.00
Model E & H	\$ 952.00
Model J, JJ, L & LL	\$ 1,487.00
Model R thru RRT	Apply
  
- 6) **STAINLESS STEEL HOOK BLOCK ONLY**  

Model A, AA, B, C & F	\$ 1,327.00
Model E & H	\$ 2,257.00
Model J, JJ, L & LL	\$ 2,634.00
Model R thru RRT	Not Available
  
- 7) **NICLAD OR ZINC PLATED LOWER HOOK AND BLOCK**  

1 - Part	\$ 584.00
2 - Part and 3 - Part	\$ 584.00

**STAINLESS STEEL LOAD CHAIN  
PRICING PROCEDURE**

Hoist Requirement - Series 627 - Model E - 3 Phase  
Lift - 22 ft.  
P.B. Drop - In Proportion  
Load Chain - Stainless Steel

**EXAMPLE:**

\$ 4,499.00	- Hoist Only/Code No. 2745 - 10 ft. Lift
\$ 126.00	- Extra Control Cord (12 ft. @ \$10.50/ft.)
\$ 564.00	- Extra Lift - Standard Chain (12 ft. @ \$47.00 /ft. of lift)
\$ 533.00	- Extra for Modified Liftwheel and Chain Guides
<u>\$ 2,010.80</u>	- Extra for Stainless Steel Chain (22 ft. @ \$91.40 /ft. of lift)
<u>\$ 7,732.80</u>	- TOTAL USER LIST

**CONDUCTIX / INSUL-8 (NEMA 4X) CONTROL STATIONS**

<b>DESCRIPTION</b>	<b>CODE NO.</b>	<b>LIST PRICE</b>
2-BUTTON PISTOL GRIP, 1-SPEED / BLACK	58272	\$ 402.29
2-BUTTON PISTOL GRIP 2-SPEED / BLACK	58273	\$ 712.08
2-BUTTON PISTOL GRIP 3-SPEED / BLACK	58296	\$ 849.29
4-BUTTON 1-SPEED HOIST, 1-SPEED TROLLEY / BLACK	58219CM	\$ 1,074.10
4-BUTTON 2-SPEED HOIST, 1-SPEED TROLLEY / BLACK	58220CM	\$ 1,212.22
4-BUTTON 2-SPEED HOIST, 2-SPEED TROLLEY / BLACK	58222CM	\$ 1,212.22
6-BUTTON 1-SPEED HOIST, TROLLEY & BRIDGE / YELLOW	58249	\$ 1,639.16
6-BUTTON 2-SPEED HOIST, 1-SPEED TROLLEY & BRIDGE / YELLOW	58250	\$ 2,660.28
6-BUTTON ON/OFF, 1-SPEED HOIST & TROLLEY / YELLOW	58252	\$ 1,827.29
8-BUTTON ON/OFF, 1-SPEED HOIST, TROLLEY & BRIDGE / YELLOW	58251	\$ 2,391.68
CONTROL STATION GROMMET (.52-.65 DIA. CORD)	58278	\$ 41.23
2-BUTTON SINGLE SPEED INSERT	58255	\$ 125.42
MAINTAINED ON/OFF INSERT	58257	\$ 229.25
2-BUTTON 2-SPEED INSERT	58256	\$ 250.25
PUSH/PULL SWITCH INSERT (MUSHROOM)	58261	\$ 306.59
120 VOLT PILOT LIGHT	58258	\$ 177.15
2-BUTTON REPAIR KIT (EXT.SCREWS & GASKET)	58275	\$ 25.45
WARNING LABEL KIT (5 EXTERIOR LABELS)	58276	\$ 25.85
BUTTON LABEL KIT (PLASTIC INSERTS W/LEGENDS)	58277	\$ 71.35
4-BUTTON REPAIR KIT (COVER SCREWS AND GASKET)	58279	\$ 27.69
4-BUTTON ENCLOSURE KIT ( HOUSING LESS INSERTS)	58288	\$ 577.60
BLANK HOLE PLUG INSERT	58254	\$ 44.47
3-SPEED 2-BUTTON INSERT	57803	\$ 811.06
MOMENTARY ON/OFF INSERT	58262	\$ 238.45
2-POSITION SELECTOR SWITCH	58351	\$ 357.65
3-POSITION SELECTOR SWITCH	58253	\$ 416.09



**BULLARD HOOKS**

CAPACITY OR MODEL	LOWER HOOK			UPPER HOOK		
	CM CODE	BULLARD SIZE & TYPE	USER NET	CM CODE	BULLARD SIZE & TYPE	USER NET
<b>PULLER MODEL B</b>						
3/4	40839	4-O-1/4	\$ 649.00	40844	4-D-1	\$ 1,221.00
1 1/2	40840	5-O-5/16	\$ 802.00	40845	5-K-2	\$ 861.00
3	40826	6-K-1	\$ 1,487.00	40863	6-K-1	\$ 1,460.00
6	+40843	9-K-1	P.O.A.	68701	9-K-1	P.O.A.
<b>SHORT HANDLE PULLER</b>						
3/4	40839	4-O-1/4	\$ 649.00	*40839 (739S)	4-O-1/4	\$ 1,153.00
1 1/2	40840	5-O-5/16	\$ 802.00	*40840 (802S)	5-O-5/16	\$ 832.00
3	40826	6-K-1	\$ 1,487.00	40826	6-K-1	\$ 1,487.00
* Note 3/4 ton Upper only available with Anchor Sling and Load Limiter. Price shown includes Anchor Sling and Load Limiter.						
* Note 1 1/2 ton Upper only available with Anchor Slings. Price shown includes Anchor Sling						
<b>CYCLONE MODEL S</b>						
1/4, 1/2	40839	4-O-1/4	\$ 649.00	45777	4-K-2	\$ 1,662.00
1	40840	5-O-5/16	\$ 802.00	45778	5-K-2	P.O.A.
1 1/2, 2	45776	7-O-3/8	\$ 1,732.00	+45779	7-K-2	P.O.A.
3, 4	+45754	9-K-1	P.O.A.	+45753	9-K-1	P.O.A.
5	+45755	9-K-1	P.O.A.	+45755	9-K-1	P.O.A.
6	68701	9-K-1	P.O.A.	68701	9-K-1	P.O.A.
8	+45758	13-K-1	P.O.A.	+45758	13-K-1	P.O.A.
10	+45759	14-K-1	P.O.A.	+45759	14-K-1	P.O.A.
<b>LODESTAR</b>						
A,AA,B,C,F	40839	4-O-1/4	\$ 649.00	40839	4-O-1/4	\$ 649.00
E, H	28757	5-K-2	\$ 979.00	+28759	5-K-2	P.O.A.
J, L	40840	5-O-5/16	\$ 802.00	35860	5-K-1	\$ 2,104.00
R	35859	7-K-2	\$ 1,724.00	35859	7-K-2	\$ 1,724.00
JJ, LL	+36807	5-K-1	P.O.A.	+35860	5-K-1	\$ 2,104.00
RR	35859	7-K-2	\$ 1,724.00	35859	7-K-2	\$ 1,724.00
(For Repairs to Shock Absorbing Hook using Belleville Washers on "RR," use Hook Code +36808 @ P.O.A.) RT, RRT - P.O.A.						
<b>METEOR</b>						
2 PART	+68874	5-K-1	P.O.A.			
4 PART	68700	8-K-1	\$ 2,539.00			
6 PART	68701	9-K-1	\$ 2,594.00			
<b>POWERSTAR</b>						
2 & 3 TON	70398	9-K	\$ 1,910.00			
<b>XL</b>						
2 TON	35859	7-K-2	\$ 1,724.00	+52773	7-K	P.O.A.
3 - 6 TON	52774	9-K	\$ 5,812.00	52774	9-K	\$ 5,812.00

Note: Units - Add to User List Price of Hoist

+ Check Stock - Codes are pending obsolescence and may not be available,  
or may require special order which could affect price.

**CLASSIC CLEAN ROOM LODESTAR STANDARD PART NUMBERS**

Part Number	Model	Lift Speed (FPM)	Chain Lift (Ft.)	Control Cord Length (Ft.)	Capacity (Tons)	Power Supply	List Price
2722/2788CR10	B	16	10	6	1/4	115-1-60	\$8,359.00
2722/2788CR15	B	16	15	11	1/4	115-1-60	\$8,844.00
2722/2788CR20	B	16	20	16	1/4	115-1-60	\$9,330.00
2725/2788CR10	B	16	10	6	1/4	460/230-3-60	\$8,359.00
2725/2788CR15	B	16	15	11	1/4	460/230-3-60	\$8,844.00
2725/2788CR20	B	16	20	16	1/4	460/230-3-60	\$9,330.00
2752/2788CR10	F	16	10	6	1/2	115-1-60	\$8,941.00
2752/2788CR15	F	16	15	11	1/2	115-1-60	\$9,430.00
2752/2788CR20	F	16	20	16	1/2	115-1-60	\$9,914.00
2755/2788CR10	F	16	10	6	1/2	460/230-3-60	\$8,941.00
2755/2788CR15	F	16	15	11	1/2	460/230-3-60	\$9,430.00
2755/2788CR20	F	16	20	16	1/2	460/230-3-60	\$9,914.00
2762/2789CR10	H	8	10	6	1	115-1-60	\$10,343.00
2762/2789CR15	H	8	15	11	1	115-1-60	\$11,264.00
2762/2789CR20	H	8	20	16	1	115-1-60	\$12,181.00
2765/2789CR10	H	8	10	6	1	460/230-3-60	\$10,343.00
2765/2789CR15	H	8	15	11	1	460/230-3-60	\$11,264.00
2765/2789CR20	H	8	20	16	1	460/230-3-60	\$12,181.00

**Model B & F Clean Room Hoists include:**

Stainless Steel Load Chain  
 Lubriplate FP-150 Load Chain Lubrication  
 Modified Liftwheel & Chain Guides  
 Stainless Steel Hook Block for 1 Pt Reeving  
 Stainless Steel Lower Hook  
 Stainless Steel Upper Hook  
 FDA Approved White Epoxy Powder-Coat  
 Weatherproofing

**Model H Clean Room Hoists include:**

Stainless Steel Load Chain  
 Lubriplate FP-150 Load Chain Lubrication  
 Modified Liftwheel & Chain Guides  
 Stainless Steel Hook Block for 2 Pt Reeving  
 Stainless Steel Lower Hook  
 Stainless Steel Upper Hook  
 FDA Approved White Epoxy Powder-Coat  
 Weatherproofing

**Separate Stainless Steel Hook Suspensions with White Powder Coat Finish**

CM Code Number	Models Used On	Hook Type	List Price
2788SS	B,F	Rigid	\$1,037.00
2789SS	H	Rigid	\$1,098.00

**Stainless Steel Chain Containers (Unfinished)**

CM Code Number	Model / Maximum Lift	List Price
2450SS	B & F with 10 Ft. Lift	\$1,177.00
2451SS	B & F with 20 Ft. Lift, H with 10 Ft. Lift	\$1,177.00

**NEXT GENERATION CLEAN ROOM LODESTAR STANDARD PART NUMBERS**

Part Number	Model	Lift Speed (FPM)	Chain Lift (Ft.)	Control Cord Length (Ft.)	Capacity (Tons)	Power Supply	List Price
2722NHCR10	B	16	10	6	1/4	115-1-60	\$8,090.00
2722NHCR15	B	16	15	11	1/4	115-1-60	\$8,559.00
2722NHCR20	B	16	20	16	1/4	115-1-60	\$9,027.00
2725NHCR10	B	16	10	6	1/4	460/230-3-60	\$8,090.00
2725NHCR15	B	16	15	11	1/4	460/230-3-60	\$8,559.00
2725NHCR20	B	16	20	16	1/4	460/230-3-60	\$9,027.00
2752NHCR10	F	16	10	6	1/2	115-1-60	\$8,652.00
2752NHCR15	F	16	15	11	1/2	115-1-60	\$9,119.00
2752NHCR20	F	16	20	16	1/2	115-1-60	\$9,589.00
2755NHCR10	F	16	10	6	1/2	460/230-3-60	\$8,652.00
2755NHCR15	F	16	15	11	1/2	460/230-3-60	\$9,119.00
2755NHCR20	F	16	20	16	1/2	460/230-3-60	\$9,589.00
2762NHCR10	H	8	10	6	1	115-1-60	\$10,003.00
2762NHCR15	H	8	15	11	1	115-1-60	\$10,890.00
2762NHCR20	H	8	20	16	1	115-1-60	\$11,779.00
2765NHCR10	H	8	10	6	1	460/230-3-60	\$10,003.00
2765NHCR15	H	8	15	11	1	460/230-3-60	\$10,890.00
2765NHCR20	H	8	20	16	1	460/230-3-60	\$11,779.00

**Model B & F Clean Room Hoists include:**

Stainless Steel Load Chain  
Lubriplate FP-150 Load Chain Lubrication  
Modified Liftwheel & Chain Guides  
Stainless Steel Hook Block for 1 Pt Reeving  
Stainless Steel Lower Hook  
Stainless Steel Upper Hook  
FDA Approved White Epoxy Powder-Coat  
Weatherproofing

**Model H Clean Room Hoists include:**

Stainless Steel Load Chain  
Lubriplate FP-150 Load Chain Lubrication  
Modified Liftwheel & Chain Guides  
Stainless Steel Hook Block for 2 Pt Reeving  
Stainless Steel Lower Hook  
Stainless Steel Upper Hook  
FDA Approved White Epoxy Powder-Coat  
Weatherproofing

**Separate Stainless Steel Hook Suspensions with White Powder Coat Finish**

CM Code Number	Models Used	Hook Type	List Price
	On		
2788NHSS	B,F	Rigid	\$988.00
2789NHSS	H	Rigid	\$1,050.00

**Stainless Steel Chain Containers (Unfinished)**

CM Code Number	Model / Maximum Lift	List Price
2450SS	B & F with 10 Ft. Lift	\$1,177.00
2451SS	B & F with 20 Ft. Lift, H with 10 Ft. Lift	\$1,177.00