

Schedule # BHPL-0312

Prices effective March 19, 2012
All prices are F.O.B. origin

BUDGIT[®] ***Hoists***

PRICE & SPECIFICATION BOOK

INDUSTRIAL USER PRICE LIST



Phone: 800.888.0985

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www.cmworks.com

Important Information

OPERATION, SERVICE AND PARTS MANUAL

One copy of the operation, service and parts manual of each line item will be supplied and included in the shipment of each item, without charge, as standard policy for each item of equipment covered by the buyer's purchase order.

Additional copies of the manuals are available at extra cost.

OSHA

Each BUDGIT and TUGIT product at the time of manufacture is built in accordance with our interpretation of the applicable sections of the American National Standards Institute Safety Standard B30.16, "Overhead Hoists," B30.21 "Manually Lever Operated Hoists," the Federal Occupational Safety and Health Act – 1970 and the National Electric Code ANSI/NFPA 70.

The National Electric Code requires additional protection on units used in certain applications. It is the owner and user's responsibility to determine the suitability of a product for a particular application. Electric hoists must be installed in accordance with the National Electric code as well as other state and local codes and regulations.

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Electric Chain Hoist Ordering Information

SPECIFY THE FOLLOWING

- | | | |
|---|--------------|--------------------------|
| • Hoist Model | • Voltage | • Chain Container |
| • Single, Two Speed or Variable Frequency | • Phase | • Beam Size/Flange Width |
| • Lift | • P.B. Drop | • Options |
| • Suspension | • Power Cord | • Accessories |

VOLTAGE OPTIONS

Single Speed

115/230-1-60
200/208-3-60
230/460-3-60
575-3-60

Two Speed

200/208-3-60
230-3-60
460-3-60
575-3-60

Variable Frequency

230-3-60
460-3-60

NOTE: 50 Hertz available, see page 8 Non-Neutral 230v single phase source voltage must be specified at time of order.

Consult factory for Voltages not listed

How To Specify Electric Chain Hoist Model Numbers

BEHC 01 16 - 10 HK - 1

BEHC	01	16	10	HK	1
Budget Electric Hoist	Capacity	Speeds (fpm)	Lift (ft)	Suspension	Hoist Voltage & Speeds
	25 = ¼ ton	04 = 4	10 = 10	HK = Hook Mount Link Chain	1 = 115/230 V (1-spd)*†
	50 = ½ ton	08 = 8	15 = 15	LG = Lug mounted only	2 = 230 V (2-spd)
	01 = 1 ton	16 = 16	20 = 20	P = Lug mounted with Push Trolley	3 = 230/460 V (1-spd)*
	02 = 2 ton	32 = 32	25 = 25	HG = Lug mounted with Hand Geared Trolley	4 = 460 V (2-spd)
	03 = 3 ton	64 = 64	Etc.	MT = Lug mounted with Motorized Trolley	5 = 575 V (1-spd)
				M = Lug mounted for use with Motorized Trolley	6 = 575 V (2-spd)
				RH = Rigid Top Hook Link Chain Only	7 = 200/208 V (1-spd)
					8 = 200/208 V (2-spd)
					9 = 230 V (VFC) - Hoist Only
					10 = 460 V (VFC) - Hoist Only

*Set at factory for higher voltage unless specified

† not available in 2½ hp

IMPORTANT

This Price List supersedes all pricing information of earlier dates.

All prices are F.O.B. origin unless otherwise noted and are subject to change without notice. Net prices are furnished as trade information only and not as a restriction on resale pricing.

All inquiries regarding Customer Service and Order Entry should be directed to the CMCO Customer Service Department.

For Standard & Heavy-Duty Service

Model	Std. Lift	Std. Speed	Motor hp 1 phase	Motor hp 3 phase	Hook/Lug		Lug Mounted Hoists with Trolleys - Link Chain					
					Link Chain		Push††		Hand Geared††		Motor Driven	
					Net Wt.	Price	Net Wt.	Price	Net Wt.	Price	Net Wt.	Price
1/4 Ton Capacity												
BEHC2516-10*-†	10	16	1/4	1/4**	77	2051	94	2257	119	2855	162	4727
BEHC2532-10*-†		32	1/2	1/2	80	2158	97	2364	122	2962	165	4834
BEHC2564-10*-†		64	1	1	77	2441	94	2647	119	3246	164	5117
1/2 Ton Capacity												
BEHC5016-10*-†	10	16	1/2	1/2	80	2344	97	2550	122	3149	165	5020
BEHC5032-10*-†		32	1	1	81	2536	98	2742	123	3341	166	5212
1 Ton Capacity												
BEHC0108-10*-†	10	8	1/2	1/2	88	2464	105	2718	130	3269	173	5140
BEHC0116-10*-†		16	1	1	89	2588	106	2841	131	3392	174	5263
BEHC0132-10*-†		32	N/A	2 1/2	95	3019	112	3272	137	3823	182	5694

* Suspension Type

**For 2 speed HP is .5/.16

IMPORTANT: See notes on page 5.

† Voltage & Speed

Contact customer service for Maximum lifts

Polyethylene Chain containers are standard on all BEHC chain hoists 1/4-1 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 **\$96** for 1/4 - 1 Ton, **\$155** for 2 Ton or **\$175** for 3 Ton from standard 10' list price, then add the appropriate fabric or metal chain container listed on page 10 or 11. On 1/4 to 1 Ton Hoists with lifts 18' or less, we will provide the #922440 chain container. Until January, 2009 a fabric chain container may be shipped in lieu of the Polyethylene at our discretion. Polyethylene Chain containers are designed to fit BEHC or newer models. For BEH models, a fabric or metal chain container must be used.

Hoist Options

Suspension

Description	Price Add	
Rigid Top Hook (BEHC and 6000 Series BAHC)		
1/4 Through 1 Ton.....	29	
2 Ton.....	29	
3 Ton.....	139	
Catalog Number	Lug Suspension Brackets for use on	Price
23456904**	1/4 thru 1 ton capacity hoists.....	239
905422	2 ton capacity hoists.....	239
905424	3 ton capacity hoists.....	385
Eye Bolt Suspension - 1/4 through 1 ton.....		142
Rigid Mount To Hook Suspension Adapter, for Attachment of Hook Suspension Hoist to Rigid Mount Trolley		
1 Ton, Catalog No. 32900901, 4-1/3" Headroom*		293
2 Ton, Catalog No. 32901001, 4-3/4" Headroom*		353
3 Ton, Catalog No. 32901101, 5-3/8" Headroom*		383
Suspension Tool #23470601		51

*Headroom measurement is from bottom of Beam to Saddle of Hook

Use Lug Suspension Bracket 23456902 (\$239** list) for hoists between 12/1/06 and 1/7/08 and 905421 (**\$239** list) for hoists sold prior to 12/1/06.

Reduced Voltage

Description	Price
Reduce Control 24 Volt on 115 volt single phase add.....	133

Bullard Hook Options

Bullard Hook For:	Price Add	
	Upper	Lower
BUDGIT Electric and Air Hoist		
1/4 and 1/2 Ton.....	184	140
1 Ton.....	201	155
2 Ton.....	291	201
3 Ton*.....	520	520

*Normally Not Stocked

Waterproof Covers

Catalog Number	For Portable Electric Hoists	Price
905441	Do not use on hoist having fan-cooled motors.	86

For Standard & Heavy-Duty Service

Standard lifts are 10', 15' and 20' with pushbutton control cable lengths of 6', 11' and 16' respectively for Hook and Lug Mount Hoists with Push or Hand Geared Trolley. Power inlet cable is 5' long (MDT is 3' long). For hoists with Motor Driven Trolley, the Pushbutton control cable lengths are 7', 12', and 17' respectively.

Model	Std. Lift	Std. Speed	Motor hp 1 phase	Motor hp 3 phase	Hook/Lug		Lug Mounted Hoist with Trolleys - Link Chain					
					Link Chain		Push††		Hand Geared††		Motor Driven	
					Net Wt.	Price	Net Wt.	Price	Net Wt.	Price	Net Wt.	Price
2 Ton Capacity												
BEHC0204-10*-†	10	4	1/2	1/2	110	3022	158	3451	172	3968	207	5753
BEHC0208-10*-†		8	1	1	111	3177	159	3606	173	4123	209	5908
BEHC0216-10*-†		16	N/A	2 1/2	112	3573	158	4002	172	4519	210	6304
3 Ton Capacity												
BEHC0305-10*-†	10	5	1	1	136	3973	231	4564	248	5178	296	7316
BEHC0310-10*-†		10	N/A	2 1/2	146	4404	241	4995	258	5610	304	7747

Note: Rigid lug hoist (LG), same price as Hook mount hoists (HK). Standard control voltage is 115 volts, 24 volts is optional, at no charge, except for single phase hoist (see page 4). Hoist & Trolley when ordered together will be shipped separate. * Suspension Type - † Voltage & Speed. **Trolleys priced with hoists are for standard flange widths only. Wider widths are available at an additional price, (pick appropriate hoist - "hook/lug" and select trolley from pages 15 thru 19). See page 6 & 7 for motor driven trolley options. Load brake is not standard.**

Polyethylene Chain containers are standard on all BEHC chain hoists 1/4-1 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 **\$96** for 1/4 - 1 Ton, **\$155** for 2 Ton or **\$175** for 3 Ton from standard 10' list price, then add the appropriate fabric or metal chain container listed on page 10 or 11. On 1/4 to 1 Ton Hoists with lifts 18' or less, we will provide the #922440 chain container. Until January, 2009 a fabric chain container may be shipped in lieu of the Polyethylene at our discretion. Polyethylene Chain containers are designed to fit BEHC or newer models. For BEH models, a fabric or metal chain container must be used.

††Trolleys included do not have drop stops as an option. To price for drop stops, use lug mounted hoist price & add price of heavy duty rigid mount trolleys listed on page 18 & include drop stop adder.

Hoist Options

Two speed hoists 3:1 3 phase only, Not available on 2 ton 4 fpm	
Add to 1 speed base price for 1/4 & 1/2 hp hoist.....	448
Add to 1 speed base price for 1 hp hoist.....	862
Add to 1 speed base price for 2 1/2 hp hoist.....	1086
Weatherproofing - Weatherproofing cord grips on electrical cables, sealing all electrical joints, zinc plated load chain (link chain).....	85
Corrosion resistant features Options include; zinc plated load chain and hooks - zinc plated or anodized lower blocks -sealing of motor shaft sealing and sealing of electrical compartments	
1/4 & 1 Ton.....	226
2 & 3 Ton.....	277
Lug Suspension Tool #23470601.....	51
Push Button Deduct - 2 button pushbutton station only.....	-(40)
Load Brake (installed in hoist).....	181

Standard Flange Widths

Capacity (tons)	Push	Hand Geared	Motorized
1/4 & 1/2	2-5/8" - 4-5/8"	3" - 5"	3" - 5"
1	3" - 5"		
2	3-3/8" - 6"	3-3/8" - 6"	3-5/8" - 6"
3			4" - 6-1/4"

Add-on Prices for special lifts (Add to 10 ft. lift price)

Description	Capacity (tons)	Price Per ft. of Lift	Plated Link Chain
Load Chain	1/4 & 1/2	14.75	14.75
	1	19.30	19.30
	2	38.60	38.60
	3	57.90	57.90
P.B. Cord	All	5.60	5.60
Hand Chain		9.70	9.70
Power Cord		5.60	5.60

1-Speed Motor Driven Trolleys For 1 or 2 Speed Hoists

Single Speed Trolley

Catalog Number	Net Wt. (lbs)	Standard Flange Width Adjustment (in)	Maximum Flange Thickness (in)	Min. Beam Depth (in)	Min. Radius Curve	H.P.	Trolley Speed (fpm)	Price
¼ to 1 - Ton Capacity								
MDT01-*	85	3 - 5	15/16	6	3'	1/4	75	2676
2 - Ton Capacity								
MDT02-*	95	3-5/8 - 6	1	6	5'	1/4	60	2731
3 - Ton Capacity								
MDT03-*	140	4 - 6-1/4	1	6	5'	1/4	50	3343
5 - 6 - Ton Capacity								
MDT06-*	190	4 - 6-1/4	1-1/8	8	6'	1/2	50	3755
7½ - Ton Capacity								
MDT07-*	190	4 - 6-1/4	1-1/8	8	6'	1/2	50	3755

*Trolley Primary Voltage

- 1 = 115/230 V (1-spd)
- 2 = 230 V (2-spd)
- 3 = 230/460 V (1-spd)
- 4 = 460 V (2-spd)
- 5 = 575 V (1-spd)
- 6 = 575 V (2-spd)
- 7 = 200/208 V (1-spd)
- 8 = 200/208 V (2-spd)
- 9 = 230 V (VFC)
- 10 = 460 V (VFC)

Trolley Control Voltage

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

Standard pendant drop is 7'-0", specify if longer length is required.
Specify 1 or 2 speed hoist when ordering.
Specify nonstandard requirements.

Three Phase Only

Optional Speeds				Optional Beam Flange Width Adjustment					
Capacity (tons)	Standard No Charge Speeds (fpm)	Special Speeds		Capacity (tons)	Standard Flange Adjustment (in)	Extended Adjustment — with price add to standard			
		(fpm)	Price			1st Extension Flange Adjustment (in)	Price	2nd Extension Flange Adjustment (in)	Price
1/4 - 1	50, 75, 100	25, 150	66	1/4 - 1	3 - 5	5-1/8 - 7-1/4	95	7-1/2 - 9-1/8	122
2	40, 60, 80	30, 120	132	2	3-5/8 - 6	6-1/4 - 8-5/8	95	8-7/8 - 11-1/4	122
3	40, 50, 75, 100	25, 125	331	3	4 - 6-1/4	6-3/8 - 8-5/8	120	8-3/4 - 11	161
5 - 6	50, 80	25	331	5 - 6	4 - 6-1/4	6-3/8 - 8-5/8	120	8-3/4 - 11	161
7½	50, 80	25	331	7½	4 - 6-1/4	6-3/8 - 8-5/8	120	8-3/4 - 11	161

Push Button Stations (trolley)		Price
Two extra single speed buttons, add.....		44
Two extra two speed buttons, add.....		61
Stop-start buttons, add.....		44
Stop-start buttons - maintained, add.....		61
To delete 4-button push button station and cable assembly, deduct.....		-(44)
Fuse Panel		
A fuse panel with both hoist and trolley power circuit fuses for overcurrent protection.....		323
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 includes hoist and trolley fusing, add.....		740
Electrical Adapter Kits		
The following field conversion electrical adaptor kits are required when it is desired to modify existing lug mount push button hoists to lug mount for motor driven trolleys.		
Catalog	Electrical Power	Price
901821	115/230 volt, 1 phase, 60 Hertz AC.....	62
901823	All voltages, 3 phase, 60 Hertz AC S.S, 2 speed....	76

Food Service Options

Stainless steel load chain and hooks available - Consult factory

Description	Price
Food Grade Lubrication..... Navastane 220 food grade	118
Clean Hoist, No Paint.....	63
Yellow Epoxy Enamel Paint..... Lead free white available at no extra charge, for Hoist, Trolley and Chain Container	668
FDA Approved Epoxy Enamel Paint (white only)	1569

Conductor Cord

Catalog Number	Description	Price Each
252	Installed on same track as hoist..... 2-5/8" - 6" flange	33

Retractable Cord

Retractable power cords keep power cable from dragging. Neoprene jacketed. Retracted length 4' - 0"; extended length 20' - 0".

Catalog Number	Description	Price
903999	3 Conductor #14AWG.....	230
904000	4 Conductor #14AWG.....	320

Special Hoist Options

Description	Price
Zinc Plated Upper or Lower Hook	
1/4 - 1 Ton.....	68
2 & 3 Ton.....	121
Derating of Hoist Capacity*.....	245
Stainless Steel I.D. Tags.....	142
Mag Particle (per hook).....	254
Explosion Proof or Spark Resistant Applications.....	Contact Factory

*Price includes resetting of the clutch and relabeling. Capacities available are 1 1/2 and 2 1/2 ton and standard capacities listed in our literature. Consult factory for capacities not listed above.

Patented Track - 3 1/4"	Price
Narrow flat tread steel wheels. Note: Trolley will not negotiate switches. Trolley Capacity: 1/4 thru 7 1/2 Ton, add.....	404
Stainless Steel Wheels	
Motorized Trolley Capacity 1/4 thru 3 ton, add.....	1154
Two Speed Trolleys	
Available on all 3-phase models, all speeds, 3 to 1 speed ratio, add.....	419
Trolley Brake	
Motor Mounted.....	512
Push Button Cable	
For longer than standard 7' drop, add.....	5.60/ft.
Power Supply Cable	
For longer than standard 3' length, add.....	5.60/ft.
Weatherproofing (trolley)	
NEMA 4 — Watertight and dusttight enclosures for indoor and outdoor services, add.....	384
NEMA 4X Stainless Steel, add.....	650
Electronic Acceleration Control for Soft Start (230/460 3 phase only)	
Single Speed.....	441
Two Speed.....	556
Drop Stops (safety lugs) and bumpers	
Drop Stops (steel only).....	320
Drop Stops with Rubber Bumpers.....	642
Mounting Hoist to Motor Driven Trolley.....	306

Cord Reels

Catalog Number	No of Collector Rings	No. & Size of Wires	Length (ft)	AMP Rating @ 600 VAC	Std. Guide Rollers	Std. Pivot Base	Crane & Hoist Motors				Net Wt. (lbs)	List Price
							115-1-60 Max hp Rating	203-1-60 Max hp Rating	230-3-60 Max hp Rating	440-2 or 3-60 Max hp Rating		
234781-22	4	4 - #16	20'	8	yes	no	1/2	1	3	5	33.5	927
234781-23	4	4 - #16	30'	8	yes	no	1/2	1	3	5	35	940
234781-25	4	4 - #16	50'	8	yes	no	1/2	1	3	5	38	988
234781-42	4	4 - #14	20'	12	yes	no	1 1/2	3	5	10	34.9	934
234781-43	4	4 - #14	30'	12	yes	no	1 1/2	3	5	10	37.1	961
234781-45	4	4 - #14	45'	12	yes	no	1 1/2	3	5	10	41.5	1024

P/N 234781-99 340° Pivot Base (Optional) - \$118 .00 List

Note: Reel Ampacity is based on using reels with short-time rated crane & hoist motors

Electrical Options

Thermal Overload Relays, 3 Phase Power	Price
Single Speed Hoist Only - Hoist Mounted.....	355
Rigid Mount Trolley*, Single or Two Speed Hoist - Mounted on Manual Trolley	355
Motorized Hoist and Trolley - Mounted on Trolley	466
Branch Circuit Motor Fusing, Trolley Mounted	
Hoist only on Rigid Mount Trolley*.....	319
Hoist and Motorized Trolley.....	323
Mainline Disconnect	
Hoist Mounted, Single Speed Only (Includes, Start-Stop Buttons).....	600
Manual Trolley Mounted on Rigid Mount* (Trolley Includes Hoist Fusing & Start-Stop Buttons).....	740
Motorized Trolley Mounted (Includes Hoist & Trolley Fusing & Start-Stop Buttons).....	740
Special Pushbutton Stations (factory installed)	Apply to Factory
Three Position Selector Switch	
Two Hoists Only.....	Apply to Factory
Two Hoists & Motorized Trolleys.....	
50 Hertz Power Supply, Hoist and Motorized Trolley, Add Per Motor (single speed only)	
115/230 Volts, Single Phase Power (Hoists Only) 117001-54.....	Apply to Factory
115/230 Volts, Single Phase Power (Trolley).....	
Three Phase Power	
190/380 Volts (50 Hz).....	No charge
200/400 Volts (50 Hz).....	P.O.A.
207/415 Volts (50 Hz).....	P.O.A.
220/440 Volts (50 Hz).....	P.O.A.
230/460 Volts (50 Hz).....	P.O.A.
240/480 Volts (50 Hz).....	P.O.A.
Two Speed (all power supplies).....	P.O.A.

*For ¼ and ½ ton units, use 1 ton Rigid Mount Trolleys when mounting enclosures on trolleys.

Under the Cover Variable Frequency Drives For Electric Chain Hoist and Motor Driven Trolleys

Electric Hoists		
Max Horsepower	3 Phase Power Supply	List Add Price*
¼ - ½	230/460	629
1	230/460	1043
2½	230/460	1267
Motor Driven Trolleys		
½	230	1358
½	460	1358

Add Option - 3 step buttons (hoist or trolley) **\$196**

* Add to single speed hoist and/or trolley list price.

Note: Model BEHC hoists must have load brake option for VFD control.

Standard Features

- Speed range of 10:1
- 2 - step infinitely variable as standard
- Thermal overload protection
- Fault recorder

**Note: Not available in 575 volt.
*Not CSA Approved**

CURRENT COLLECTOR ARRANGEMENT

When slide-type current collectors for insulated conductors are to be used to supply power to the trolley, the following collector components may be ordered with the trolley at extra cost.

Determine number of collectors required and location of conductors, whether one side of beam or both sides of beam. Collector poles and brackets shown below indicate beam sizes with conductor support on top of beam. If beams are larger, the conductor support must be welded into web of beam. Pressed steel trolleys require a collector mounting plate.

Catalog Number		Price
901590	Collector Pole and Bracket..... Suitable for a maximum of 6 collectors. Adjustable for beam depth sizes 8" thru 12"	68
For collector mounting plate, pressed steel wheels trolleys		
901584	Trolleys with bumpers.....	507
901585	Trolleys without bumpers.....	507

Metal Chain Containers - For BUDGIT Electric & 6000 Series Air Hoists

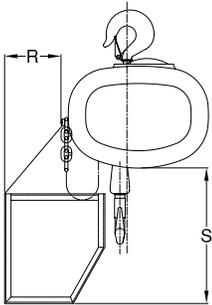
Catalog Number	Type Hoist Chain	Net Wt.	Maximum Lift in Feet				Dimension		Price
			Hoist Cap. 1/4 - 1/2 Ton	Hoist Cap. 1 Ton	Hoist Cap. 2 Ton	Hoist Cap. 3 Ton	R	S	
	Link	4	15	15	do not use	do not use	4-1/2	10	119
905435		8	30	30	15	10		15	122
905436		10	45	45	22	15		19	184
905437		14	60	60	30	20		23	208
905438		15	75	75	37	25		28	336
905439		16	90	90	45	30		33	377
905494	Link	16	do not use	do not use	do not use	20	10-1/4	15	572
905495		20				30		19	604
905496		28				40		23	635
905497		30				50		28	642

Note: Polyethylene chain containers are standard on all BEHC models with standard lifts as noted on page 4 & 5 except for spark resistant or chain models which is not included.

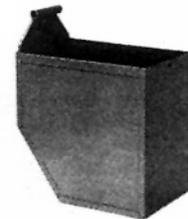
For spark resistant chain containers, see page 25.

For containers having greater capacities, see page 11.

Catalog Numbers 905494 thru 905497 Chain Containers are Low Headroom design and are supported from trolley suspension pins. To use these containers, Hoist must be in Lug Suspension, Cross Mounted.



For fabric containers see page 12



Catalog Number 905435

For Link Chain

Metal Long Lift Link Chain Containers

Link Chain						
Standard Chain Container Catalog Number	Chain Container Depth (S Dim.)	Maximum Lift in feet				List Price
		¼ & ½ Ton	1 Ton	2 Ton	3 Ton	
439425-*1	15	65	60	30	20	572
439425-*2	19	100	90	45	30	604
439425-*3	23	130	120	60	40	635
439425-*4	27	165	150	75	50	669
439425-*5	31	200	180	90	60	711
439425-*6	35	230	210	105	70	744

* ¼ - 1 ton insert number 6
 2 ton insert number 7
 3 ton insert number 8

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, 10½ inches wide.
 S Dimension = bottom of hoist to bottom of chain container.

Cloth Chain Containers (BEHC or BEH)

Cloth Chain Containers						
Standard Chain Container Catalog Number	Chain Container Depth (S Dim.)	Maximum Lift in feet				List Price
		¼ & ½ Ton	1 Ton	2 Ton	3 Ton	
805435	17	30	30	15	10	146
805436	19	45	45	22	15	192
805437	25	60	60	30	20	249

Note: Polyethylene chain containers are standard on all BEHC models with standard lifts as noted on page 4 & 5 except for spark resistant or chain models which is not included.

S Dimension = bottom of hoist to bottom of chain container.

Polyethylene Chain Containers

Polyethylene Chain Containers					
Catalog Number	Chain Container Depth	Maximum Lift in ft.			List Price
		1 ton	2 ton	3 ton	
922440	10-3/16	18	9	6	96
922441	12-5/16	28	14	9	96
922442	15-13/16	40	20	13	155
922443	20-1/16	50	25	16	175

ShopHoist ★

250 lb. Capacity								
Catalog Number	Standard Lift	Speed	Voltage	Parts of Chain	Net Weight	Price		
931769	10	16	115-1-60	1	28	1389		
931770			115-1-60*			1241		
931771			230-3-60			1389		
931772			460-3-60			1389		
931774		24	230-3-60			1423		
931775			460-3-60			1423		
931777			230-3-60			1456		
931778		40	460-3-60			1456		
300 lb. Capacity								
931780	10	16	115-1-60	1	28	1389		
931781			115-1-60*			1241		
931783			230-3-60			1389		
931784			460-3-60			1389		
931786		24	230-3-60			1423		
931787			460-3-60			1423		
931806			230-3-60			1456		
931807		40	460-3-60			1456		
500 lb. Capacity								
931837	10	12	115-1-60	1	26	1673		
931838			115-1-60*		1521			
931839			230-3-60		28	1673		
931840			460-3-60		1673			
931842		8	115-1-60	2	32	1603		
931843			115-1-60*		1457			
931844			230-3-60		34	1603		
931845			460-3-60		1603			
931847		20	230-3-60	1	28	1668		
931848			460-3-60			1668		
931862		24	230-3-60	1	28	1738		
931863			460-3-60			1738		
600 lb. Capacity								
931790		10	8	115-1-60	2	34	1603	
931791	115-1-60*			32		1457		
931793	230-3-60			34		1603		
931794	460-3-60					1603		
931796	230-3-60		1636					
931797	12		460-3-60	1		28	1636	
931880			230-3-60				1668	
931881	20		460-3-60	1668				
1000 lb. Capacity								
931865	10	6	115-1-60	2	34	1818		
931866			115-1-60*		32	1739		
931867			230-3-60		34	1818		
931868			460-3-60			1818		
931870		8	230-3-60		32	1832		
931871			460-3-60			1832		
931873		12	230-3-60			1	28	1850
931874			460-3-60					1850

Top Hook only

For lifts other than standard 10 ft. (add extra charges)

Extra push button cord (standard drop 4 ft. shorter than lift) **\$6.30/ft.**

Extra power cord (standard length 6 ft.) **\$6.30/ft.**

Extra chain per ft. lift: **\$11.20** - 250/300/500 lbs., **\$22.40** - 600/1000 lbs.

*Contactor in pendant station

ShopHoist Chain Container*

Catalog Number	Net Weight	Hoist Cap. 250/300/500 lbs.	Hoist Cap. 600/1000 lbs.	Price
2063	4	10	5	53
2064	5	20	10	60
2065		40	20	69
2066		80	40	76
2067	6	120	60	130

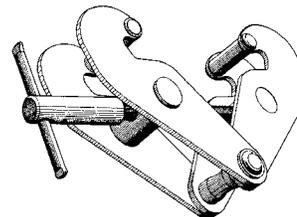
ShopHoist Bulk Load Chain

Hoist Catalog Number & Capacity	Description	Feet of Chain in Package	Net Weight	Catalog Number	Price
250, 300, 500, 600 & 1000 lb. Shop Hoist	.157 Bar Diameter	250	66	85018	2800.00
		500	126	85019	5600.00
		1000	244	85020	11200.00



Beam Clamps

model	model number	cap.	part number	user price	allowable flange width		net wt. (lbs)
					min.	max.	
BCYF Beam Clamps	BCYF-1	1	09001W	86	3.00	9.00	8.40
	BCYF-2	2	09002W	96	3.00	9.00	10.60
	BCYF-3	3	09003W	148	4.00	9.00	20.20
	BCYF-5	5	09004W	185	4.00	10.25	24.20
	BCYF-10	10	09005W	295	3.50	12.50	34.10



I-Beam Trolleys

Hook Suspension Trolleys

Capacities 550 to 11000 Pounds

Capacities ¼ thru 5-ton

Trolleys are Metric rated

Standard Flange I-Beam							
Catalog* Number	Capacity (tons)	Std. Beam Height (in)	I-Beam Width (in)	Min. Radius Curve (in)	Wheel Tread Diameter (in)	Net Wt. (lbs)	Price
CBTP-0025	¼	4-24	2.0 - 8.7	27	2.36	19	163
CBTP-0050	½	4-24	2.0 - 8.7	27	2.36	19	163
CBTP-0100	1	5-24	2.3 - 8.7	36	2.36	26	196
CBTP-0150	1½	6-24	2.3 - 8.7	45	3.15	46	320
CBTP-0200	2	6-24	2.3 - 8.7	45	3.15	46	320
CBTP-0300	3	8-24	3.0 - 8.7	55	4.41	86	554
CBTP-0500	5	10-24	3.5 - 8.7	70	4.92	130	771

Hook Suspension Trolleys

Capacities 550 to 6000 Pounds

For hook-type hoists

¼ thru 2-ton capacity trolleys are Metric rated

3-ton capacity trolleys are not metric rated

Spark & Corrosion Resistant Models*						
Catalog Number	Capacity (tons)	Net Wt (lbs)	Adjustable to Fit These Beam Sizes (inches)			Price
			** Min Depth	Min Flange Width	Max Flange Width	
80SR	1/4	13	4	2-5/8	4-5/8	1830
80WFASR	1/4	14	4	5	7	1897
81SR	1/2	13	4	2-5/8	4-5/8	1830
81WFASR	1/2	14	4	5	7	1897
82SR	1	25	5	3	5	2032
82WFASR	1	27	5	5	7	2091
82WFBSR	1	28	5	7	9	2131
79SR	1-1/2	36	6	3-3/8	6	2368
79WFASR	1-1/2	39	6	6	8	2462
79WFBSR	1-1/2	40	6	8	10	2515
83SR	2	36	6	3-3/8	6	2368
83WFASR	2	39	6	6	8	2462
83WFBSR	2	40	6	8	10	2515

*Spark and corrosion resistant models - Equipped with bronze wheels and vinyl covered bumpers.
The hand chain is Aluminum alloy, anti-tilt roller is bronze and wheel gears are aluminum bronze.

**When used on smallest I-Beam Size, beam must be free of obstructions such as clips, suspension bolts and nuts.

Push-Type Patented Track Trolleys

Capacities ¼ thru 2 Tons

I-Beam Trolley For Hook-Type Hoists			
Capacity (tons)	Catalog Number	Wheel Diameter (in)	Price
1	900382	4	571
2	900383	5	750

Trolley Adapter Links - For use with Hook Suspension Trolleys

Catalog Number	Price
281 For ¼ & ½ Ton Trolleys.....	44
282 For 1 Ton Trolleys.....	44
283 For 1½, 2 & 3 Ton Trolleys.....	46

Hand Geared I-Beam Trolleys

Hook Suspension Trolleys

Capacities 2200 to 11000 Pounds

For hook-type hoists - 1 thru 5-ton capacity trolleys are Metric rated

Geared Trolley							
Catalog* Number	Capacity (tons)	Std. Beam Height (in)	I-Beam Width (in)	Min. Radius Curve (in)	Wheel Tread Diameter (in)	Net Wt. (lbs)	Price
CBTG-0100	1	5-24	2.3 - 8.7	36	2.36	26	668
CBTG-0150	1½	6-24	2.3 - 8.7	45	3.15	46	889
CBTG-0200	2	6-24	2.3 - 8.7	45	3.15	46	889
CBTG-0300	3	8-24	3.0 - 8.7	55	4.41	86	1210
CBTG-0500	5	10-24	3.5 - 8.7	70	4.92	130	1696

Hand Chain Drop..... per ft. **\$10.50**

Standard Hand Chain Drop = 15'

Hook Suspension Trolleys

Capacities 2200 to 6000 Pounds

For hook-type hoists - 1 thru 2-ton capacity trolleys are Metric rated

Spark & Corrosion Resistant Models *						
Catalog Number	Capacity (tons)	Net Wt. (lbs)	Adjust to Fit These Beam Sizes			Price
			** Min Beam Depth	Min Flange Width	Max Flange Width	
82GSR	1	41	6	3	5	3102
82GWFASR	1	43	6	5	7	3290
82GWFBSR	1	44	6	7	9	3308
79GSR	1-1/2	52	7	3-3/8	6	3522
79GWFASR	1-1/2	54	7	6	8	3633
79GWFBSR	1-1/2	55	7	8	10	3686
83GSR	2	52	7	3-3/8	6	3521
83GWFASR	2	54	7	6	8	3633
83GWFBSR	2	55	7	8	10	3686

For longer than standard 9'-6" hand chain drop, add:

Standard Models..... per ft. **\$9.73**

Spark & Corrosion Resistant Models Aluminum Chain... per ft. **\$22.10**

** When used on smallest I-beam size, beam must be free of obstructions such as clips, suspension bolts and nuts.

* Spark and corrosion resistant models - Equipped with bronze wheels and vinyl covered bumpers.

The hand chain is Aluminum alloy, anti-tilt roller is bronze, and wheel gears are aluminum bronze.

Load Lifter Trolley SERIES 633 (Bulletin #LT/BC-C5007-0202)*

Catalog Number	Capacity (tons)	Weight (lbs)	Adjustable to Fit Standard S-Beams			Price
			Depth (in)	Flange Width		
				Min. (in)	Max. (in)	
922085	1/2	18	3-15	2 - 1/2	5 - 5/8	171
922086	1	34	5-24	3	8	202
922087	2	54	6-24	3 - 5/8		336
922088	3	100	8-24	4		571
922089	5	168	10-24	4 - 5/8		863

Electric, Manual and Air Hoist Lug Mounted Trolleys

Push-Type Models

Capacities 500 to 6000 Pounds

Trolleys for Standard Flange I-Beams					
Catalog Number	Capacity (tons)	Net Wt. (lbs)	Adj. to Fit These Beam Sizes**		Price
			Min. Beam Depth (in)	Flange Width (in)	
905401	¼ & ½	15	4	2-5/8 - 4-5/8	206
*504555-5	¼ & ½	16	4	2-5/8 - 4-5/8	291
‡*504554-15	1	24	5	3 - 5	394
905402	1	23	5	3 - 5	254
*504554-13	1	24	5	3 - 5	340
‡ 905409	1	24	5	3 - 5	310
* 905403	2	43	6	3-3/8 - 6	429
* 905404	3	75	6	3-3/8 - 6	591
Spark Resistant Models (For Manual Hoists)					
905461	½	15	4	2-5/8 - 4-5/8	1924
905462	1	23	5	3 - 5	2079
905462W1	¾, ½, & ¼	24	5	5-1/4 - 7-3/8	2170
‡ 905465	1	24	5	3 - 5	2191
* 905463	2	45	6	3-3/8 - 6	2417
Spark Resistant Models (For Air Hoists)					
905461	¾	15	4	2-5/8 - 4-5/8	1924
905462	½ & ¾	23	5	3 - 5	2079
905463	1	45	6	3-3/8 - 6	2417
Trolleys for Wider Flange I-Beams					
905405	1	24	5	5-1/4 - 7-3/8	346
*505322-6	1	25	5	5-1/4 - 7-3/8	390
905405W1	1	26	5	7-1/2 - 9	451
‡ 905410	1	25	5	5-1/4 - 7-3/8	420
* 905406	2	44	6	6-1/4 - 8-7/8	494
* 905407	3	52	6	6-1/8 - 8-7/8	786
* 905408	3	78	6	9 - 11	850

‡ Equipped with anti-tip roller for use with the Series USA lug mount hoist.

* Equipped with bumpers

Close Radius Series 632 Plain Ball Bearing Trolley (Hook Mounted)

Catalog Number	Maximum Capacity (tons)	Approx. Shipping Wt. (lbs)	Standard Beam Height (in)	Standard Flange Width (in)	Minimum Radius Curve (in)	Price
3222	1/4 & 1/2	10	4 - 12	2-5/8 - 5-1/16	7	174
3224	1	12				213
3226	1-1/2 & 2	25	6 - 15	3-3/8 - 5-5/8	10	349
3230	3	33	8 - 18	4 - 6-1/4		612

Prices apply to standard flange adjustments.

Apply for prices on other than Standard.

Push-Type Patented Track Trolleys

Capacities ¼ thru 2 Tons

I-Beam Trolley For Lug Mounted Hoists			
*1	900385	4	603
‡ 1	900387	4	621
2	900386	5	639

* Bumpers included

‡ Equipped with anti-tip roller for use with the Series USA lug mount hoist.

Hand-Geared

Capacities 2000, 4000 & 6000 Pounds

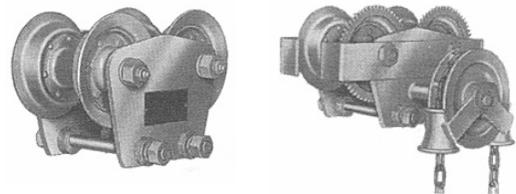
Trolleys for Standard Flange I-Beams					
Catalog Number	Capacity (tons)	Net Wt. (lbs)	Adj. to Fit These Beam Sizes**		Price
			Min. Beam Depth (in)	Flange Width (in)	
*905411	1	40	6	3 - 5	805
*905412	2	57	7	3-3/8 - 6	946
*905417	3	92	7	3-3/8 - 6	1205
Spark Resistant Models (For Air Hoists)					
*905471	1/2 & 3/4	40	6	3 - 5	3247
*905472	1	57	7	3-3/8 - 6	3553
Trolleys for Wider Flange I-Beams					
*905413	1	41	5	5-1/4 - 7-3/8	917
*905414	2	58	6	6-1/4 - 8-7/8	1044
*905418	3	100	6	6-1/8 - 8-7/8	1294
*905419	3	102	6	9 - 11	1343

* Equipped with bumpers. Hand Chain Drop is 9'-6"

** For flange widths not shown, apply to factory. Smallest radius curves that these trolleys will negotiate are same as push-type trolleys. Spark and corrosion models — Equipped with bronze wheels and vinyl covered bumpers.

For longer than standard 9'-6" hand chain drop, add **\$9.73** per foot, spark and corrosion resistant models, add **\$22.10** per foot for aluminum hand chain.

Note: Drop stops are not available on these models.



Heavy Duty Rigid Mount Trolleys

Push Type Trolleys Trolleys for Standard Flange I-Beams						Hand Geared Trolleys Trolleys for Standard Flange I-Beams					
Catalog Number	Capacity (tons)	Net Wt. (lbs)	Adjust to Fit These Beam Sizes		Price	Catalog Number	Capacity (tons)	Net Wt. (lbs)	Adjust to Fit These Beam Sizes		Price
			Minimum Beam Depth (in)	Flange Width (in)					Minimum Beam Depth (in)	Flange Width (in)	
900211	1	40	6	3 - 5	536	900261	1	55	6	3 - 5	1005
900221	2	50	6	3-5/8 - 6	596	900271	2	65	6	3-5/8 - 6	1099
900231	3 & 4	85	6	4 - 6-1/4	883	900281	3 & 4	100	6	4 - 6-1/4	1486
900241	5 & 6	150	8	4 - 6-1/4	1219	900291	5 & 6	165	8	4 - 6-1/4	2069
PUT07	7½	150	8	4 - 6-1/4	1219	HGT07	7½	165	8	4 - 6-1/4	2069
Spark Resistant Models (For Manual Hoists)						Spark Resistant Models (For Manual Hoists)					
900216	1	40	6	3 - 5	1438	900266	1	55	6	3 - 5	2085
900226	2	50	6	3-5/8 - 6	1592	900276	2	65	6	3-5/8 - 6	2172
900236	3 & 4	85	6	4 - 6-1/4	2027	900286	3 & 4	100	6	4 - 6-1/4	2675
900246	5 & 6	150	8	4 - 6-1/4	2850	900296	5 & 6	165	8	4 - 6-1/4	3765
Spark Resistant Models (For Air Hoists)						Spark Resistant Models (For Air Hoists)					
¥ 900216	1/2-3/4	40	6	3 - 5	1438	¥ 900266	1/2-3/4	55	6	3 - 5	2085
¥ 900226	1	50	6	3-5/8 - 6-1/4	1592	¥ 900276	1	65	6	3-5/8 - 6-1/4	2172
900236	2	85	6	4 - 6	2027	900286	2	100	6	4 - 6	2675

For longer than standard 9'-6" hand chain drop, add **\$9.73** per ft, spark and corrosion resistant models add **\$22.05** per ft for aluminum hand chain.
 ¥ For use on "6000" series only.

For drop stops add:

- Steel only **\$320**
- With rubber bumpers **642**

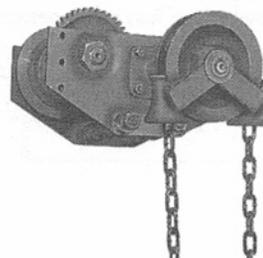
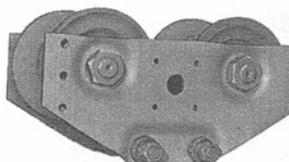
Wider Flange Beams - Add Prices Apply to Push or Hand Geared, Standard or Spark Resistant

Trolley Capacity (tons)	Flange Range Std.	Extended Flange Range			
		1st Extension Flange Range	Price Add	2nd Extension Flange Range	Price Add
1	3 - 5	5-1/8 - 7-1/4	99	7-1/2 - 9-1/8	142
2	3-5/8 - 6	6-1/4 - 8-5/8	99	8-7/8 - 11-1/4	142
3, 4	4 - 6-1/4	6-3/8 - 8-5/8	126	8-3/4 - 11	178
5, 6	4 - 6-1/4	6-3/8 - 8-5/8	126	8-3/4 - 11	178
7-1/2	4 - 6-1/4	6-3/8 - 8-5/8	126	8-3/4 - 11	178

Patented Track (price for complete trolley)

Capacity (tons)	Push Type				Hand Geared			
	Standard		Spark Resistant		Standard		Spark Resistant	
	Catalog	Price	Catalog	Price	Catalog	Price	Catalog	Price
1	900215	765	900220	1563	900265	1254	900270	2100
2	900225	841	900230	1635	900275	1363	900280	2211
3, 4	900235	1144	900240	2069	900285	1773	900290	2711
5, 6	900245	1658	900250	2801	900295	2384	900300	3550

Note: For 7½ ton consult factory.



Push and Hand-Geared Type

Capacities 1/4 to 25 Tons

Model P Push Type						
Catalog* Number	Capacity (tons)	Net Wt. (lbs)	Beam Adjustment Range**	Smallest Radius Curve (in)	Price	Spark Resistant Price
1641-0025	1/4	23	2 ³ / ₄ " - 5"	20	393	834
1641-0050	1/2	23	2 ³ / ₄ " - 5"	20	393	834
1641-0100	1	43	3" - 6"	24	445	834
1641-0150	1 1/2	45	3" - 6"	24	503	1240
1641-0200	2	67	3 ³ / ₈ " - 6 ¹ / ₄ "	30	549	1240
1641-0300	3	70	3 ³ / ₈ " - 6 ¹ / ₄ "	30	725	1948
1641-0400	4	155	4" - 7"	36	874	2271
1641-0500	5	160	4" - 7"	36	1185	2297
1641-0600	6	160	4" - 7"	36	1185	2297
1641-0800	8	300	4 ⁵ / ₈ " - 8"	60	1844	3886
1641-1000	10	310	4 ⁵ / ₈ " - 8"	60	2358	5094
1641-1200	12	310	4 ⁵ / ₈ " - 8"	60	2358	5211
1641-1600	16	800	6" - 8"	96	4586	10307
1641-2000	20	845	6" - 8"	96	5024	10843
1631-2500	25	1045	6" - 8"	120	5564	11346
Model P Hand-Geared Type						
Catalog* Number	Capacity (tons)	Net Wt. (lbs)	Beam Adjustment Range**	Hand Chain Drop (ft)	Price	Spark Resistant Price
1642-0100	1	62	3" - 6"	8	756	1464
1642-0150	1 1/2	65	3" - 6"		819	1594
1642-0200	2	90	3 ³ / ₈ " - 6 ¹ / ₄ "		878	1706
1642-0300	3	93	3 ³ / ₈ " - 6 ¹ / ₄ "		1160	2133
1642-0400	4	184	4" - 7"		1296	2669
1642-0500	5	188	4" - 7"		1673	2885
1642-0600	6	188	4" - 7"		1673	2885
1642-0800	8	347	4 ⁵ / ₈ " - 8"		2369	4278
1642-1000	10	360	4 ⁵ / ₈ " - 8"		3309	6059
1642-1200	12	360	4 ⁵ / ₈ " - 8"		3309	6094
1642-1600	16	895	6" - 8"		5801	12920
1642-2000	20	955	6" - 8"		6570	14187
1632-2500	25	1200	6" - 8"		7408	14637

Maximum Acceptable Flange Widths of Wide Flange Beams

Capacity (tons)	Flange Width (in)
1/4, 1/2, & 1	6
1-1/2 & 2	6 - 5/8
3 & 4	7 - 1/4
5, 6, 8, 10 & 12	8 - 1/4

For beam flange widths larger than listed, apply to factory.

*For Spark Resistant models, add SR at the end of the catalog number.

Model P trolleys for wide flange beam adaptation, or beams larger than standard add 25% of trolley price, see maximum flange widths listed below. Additional hand chain, add **\$9.20** per foot of drop for standard models and add **\$11.15** per foot of drop for spark resistant models. Not metric rated.

**1/4 - 12 ton units are supplied straight sided plates with universal wheels for operation on flat or tapered beams. 16 - 25 ton units are supplied with canted side plates for operation on Standard American tapered I-beams. For other beams or patented track applications, consult factory.

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

600 Series Air Hoist

Capacities up to 1000 lbs.*

Pendant Throttle Control

Hook Suspension Only

Capacity (lbs.)	Catalog Number	Net Weight (lbs.)	Full Load Hoist Speed (fpm)	Full Load Lowering Speed (fpm)	Parts of Load Chain	Price
250	931889	30	31	83	1	1862
300	931890					1862
500	931892					2011
500	931894	34	16	42	2	2071
600	931895					2071
1000	931897					11



Top Hook Only for lifts other than standard 10 ft. (Add extra charges)

Description	User Price
Extra pendant hose per ft. (standard 6 ft.)	\$6.30
Extra Chain per ft. of lift (Single Chain Units)	\$11.20
Extra Chain per ft. of lift (Double Chain Units)	\$22.40

* Price add-on for additional lift includes Pull Cord.

** Speeds based on 90 psi line pressure and with full rated hoist load.
Hoist speeds are adjustable and can be reduced to 50% of full rated speed.

Shipped from factory with hoisting speed set at maximum rated speed, lowering speed set at reduced speed.

600 Series Chain Container

Catalog Number	Net Weight	Hoist Capacity 250 & 300 lbs.	Hoist Capacity 500, 600 & 1000 lbs.	Price
2063	4	10	5	53
2064	5	20	10	60
2065		40	20	69
2066		80	40	76
2067	6	120	60	130

600 Series Bulk Load Chain

Capacity lbs.	Description	Feet of Chain in Package	Net Weight	Catalog Number	Price
250, 300, 500, 600 & 1000	.157 Bar Diameter	250	66	85018	2800
		500	126	85019	5600
		1000	244	85020	11200

Quantity discounts apply

Air Wire Rope Manipulator

Model Number	Rated Product Code	Standard Capacity (lbs)	Lifting Lift (ft)	Air Speed (fpm)	Top Hook Consump. (cfm)	Shipping A Dim.	Weight (lbs)	User Price
TMM-140	17050	300	6.5	36	21.2	22¾	20	2454

Hose Reels - See Crane Source Catalog

2200 Series Air Hoist Catalog Number Modifications

The following list of 2200 series catalog numbers are Budgit standard models, all with 10' lifts only.			
2204	2216	2255	2251
2211	2219	2256	
2212	2220	2259	
2215	2243	2260	

If any 2200 series air hoist is ordered other than the standard above, the following model numbers will appear on the hoist and box.

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

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

Series 2200 Air Hoists

Capacities 500 to 2000 Pounds
Pull Cord Control

Hook Suspension							Lug Suspension						
Type	Capacity (tons)	Pull Cord Control		**	**	Price	Type	Capacity (tons)	Pull Cord Control		**	**	Price
		Catalog Number	Net Wt (lbs)	Lifting Speed Max (fpm)	Lowering Speed Max (fpm)				Catalog Number	Net Wt (lbs)	Lifting Speed Max (fpm)	Lowering Speed Max (fpm)	
Link Chain Standard Model	1/4	2211	36	65	95	3037	Link Chain Standard Model	1/4	2251	36	65	95	3037
	1/2	2215	36	45	120	3043		1/2	2255	36	45	120	3043
	1	2219	49	23	60	3742		1	2259	49	23	60	3742
Link Chain Spark and Corrosion Resistant	3/8	2241	36	60	100	3746	Link Chain Spark and Corrosion Resistant	3/8	2281	36	60	100	3746
	3/4	2243	49	29	52	4748		3/4	2283	49	29	52	4748
Roller Chain	1/4	2201	37	65	95	3188							
	1/2	2203	37	45	120	3188							
	1	2205	51	23	60	3911							

Metal chain containers are standard on all standard models for lifts up to 25' (1-part chain) and 22' (2-part chain) except for spark resistant or roller chain models which is not included. To price hoists with chain containers above standard lifts, deduct \$107 for 1 part chain and \$219 for 2 part chain from standard hoist list price and add the appropriate chain container on page 25.

Capacities 500 to 2000 Pounds
Pendant Throttle Control

Hook Suspension							Lug Suspension						
Type	Capacity (tons)	Catalog Number	Net Wt (lbs)	**	**	Price	Type	Capacity (tons)	Catalog Number	Net Wt (lbs)	**	**	Price
				Lifting Speed Max (fpm)	Lowering Speed Max (fpm)						Lifting Speed Max (fpm)	Lowering Speed Max (fpm)	
Link Chain Standard Model	1/4	2212	46	65	95	3606	Link Chain Standard Model	1/4	2252	46	65	95	3606
	1/2	2216	46	45	120	3610		1/2	2256	46	45	120	3610
	1	2220	59	23	60	4308		1	2260	59	23	60	4308
Link Chain Spark and Corrosion Resistant	3/8	2242	46	60	100	4324	Link Chain Spark and Corrosion Resistant	3/8	2282	46	60	100	4324
	3/4	2244	59	29	52	5321		3/4	2284	59	29	52	5321
Roller Chain	1/4	2202	47	65	95	3765							
	1/2	2204	47	45	120	3765							
	1	2206	61	23	60	4491							

Equipped with 6' pendant control hose assembly.
Maximum pendant drop is 72 ft.

Add-on Prices For Other Than 10 Feet Lifts*

Capacity (tons)	Standard Chain		Plated Link Chain Add For Each Additional Foot of Lift	Pendant Hose Drop (ft)
	Roller Chain Models	Link Chain Models		
1/4, 1/2	31.90	15.35	15.35	6.30
1	63.80	30.70	30.70	
* 3/8 Spark Resistant	—	58.00	58.00	
* 3/4 Spark Resistant	—	116.00	116.00	

When ordering always specify the following: Lift
Pendant/pull cord drop

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 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' lift hoist the additional charges as instructed below:

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

Series 2200 Air Chain Hoists are Metric Rated except the Spark Resistant models.

* Price add-on for additional lift includes pull cords.

**Speeds based on 90 psi line pressure and with full rated hoist load. Hoist speeds are adjustable and can be reduced to 50% of full rated speed. Shipped from factory with hoisting speed set at maximum rated speed, lowering speed set at reduced speed.

The following list of 6000 series catalog numbers are Budget 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.

EXAMPLE

BAHC 0113		
BAHC	01	13
Budget	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)

Series 6000 Air Hoists

Capacities 1 to 3 Tons
Pendant Throttle Control
Hook Suspension — Standard Models

Capacity (tons)	Catalog Number	Net Wt.	Full Load Hoist Speed (fpm)	Full Load Lowering Speed (fpm)	Parts of Load Chain	Price
1	911644C	97	13	18	1	4710
	911641C	99	30	42		4828
2	911645C	114	6	9	2	5798
	911642C	116	15	21		5915
3	911646C	148	4	6	3	6732
	911643C	150	10	14		6849

Hook Suspension — Spark and Corrosion Resistant Models

1/2	911683C	99	16	22	1	5975
1	911684C	116	8	11	2	6873
2	911685C	150	5	7	3	8405

Lug Suspension — Standard Models

Capacity (tons)	Catalog Number	Net Wt.	Full Load Hoist Speed (fpm)	Full Load Lowering Speed (fpm)	Parts of Load Chain	Price
1	911654C	110	13	18	1	4710
	911651C	112	30	42		4828
2	911655C	120	6	9	2	5798
	911652C	122	15	21		5915
3	911656C	168	4	6	3	6732
	911653C	170	10	14		6849

Lug Suspension — Spark and Corrosion Resistant Models

1/2	911693C	114	16	22	1	5975
1	911694C	124	8	11	2	6873
2	911695C	174	5	7	3	8405

Add-on Prices for Other Than Standard 10' Lifts

Standard Models					
Capacity (tons)	Load Chain Per Foot Lift	Plated Load Chain		Pendant Hose* Per Foot Lift	
		Each	Additional Foot of Lift	Hoist Only	Hoist & AMDT
1	19.50	19.50		10.40	17.85
2	39.00	39.00			
3	58.50	58.50			
Spark and Corrosion Resistant Models					
1/2	85.85	-		10.40	17.85
1	171.70	-			
2	257.55	-			

When ordering always specify the following: Lift
Pendant drop

Standard Pendant Control Drop is 6'.

* Maximum pendant control drop is 36 ft.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



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:

*1. If control hose is to be lengthened, add the charge for each additional foot of hose over 6 feet.

2. If load chain is to be lengthened add the charge for each additional foot of lift over 10 feet.

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 **\$96** for 1 Ton, **\$158** for 2 Ton or **\$175** for 3 Ton from standard 10' list price, then add the appropriate fabric or metal chain container listed on page 10 or 11. On 1 Ton Hoists with lifts 18' or less, we will provide the #922440 chain container. Until January, 2009 a fabric chain container may be shipped in lieu of the Polyethylene at our discretion. 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.

Air Motor-Driven Trolleys *

Standard					
Trolley Catalog Number	Capacity (tons)	Standard Flange Width Adj.	Net Wt. (lbs)	Traverse Speed (fpm)	Price
911706	1/4, 1/2 & 1	3 - 5"	95	50	3618
911707	2	3-5/8" - 6-1/4"	105	60	3690
911708	3	1/4"	150	60	4350
Spark and Corrosion Resistant					
911710	3/8, 1/2, & 3/4	3 - 5"	95	50	4566
911711	1	3-5/8" - 6-1/4"	105	60	4640
911712	2	1/4"	150	60	5299

* Specify whether air motor trolley will be used with either 2200 series or 6000 series model at time of order

Equipped with 7-foot pendant control hose.
For longer than 7-foot control add **\$11.03/ft.** (trolley only).
Always specify the Hoist Catalog Number 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 6.
Maximum pendant control drop is 36 ft.



4 lever pendant throttle control is standard with all trolleys ordered with a 6000 series Air Hoist

Chain Containers for Air Hoists

Standard Metal Chain Container for Series 2200 Air Hoists					
Catalog Number	Chain Type	Maximum Lift in Feet		Wt. (lbs)	Price
		1/4, 3/8, 1/2 Ton	3/4, 1 Ton		
902631	Link	25	12	4 1/2	107
902635	Link	45	22	9	219
902632	Roller	15	—	6 1/2	171
902633	Roller	30	15	11	219
Spark and Corrosion Resistant Chain Container for Series 2200 Air Hoists					
902634	Link	25	12	5	458
902636		45	22	10	498
Cloth Chain Containers					
702635	Link	45	22	9	151

Polyethylene Chain Containers					
Catalog Number	Chain Container Depth	Maximum Lift in ft.			List Price
		1 ton	2 ton	3 ton	
922440	10-3/16	18	9	6	96
922441	12-5/16	28	14	9	96
922442	15-13/16	40	20	13	155
922443	20-1/16	50	25	16	175

Spark & Corrosion Resistant Container for Series 6000 Air Hoists					
Catalog Number	Maximum Lift in Feet			Wt. (lbs)	user price
	1/2 Ton	1 Ton	2 Ton		
905444	15	do not use	do not use	4	418
905445	30	15	10	8	437
905446	45	22	15	10	531
905447	60	30	20	14	630
905448	75	37	25	15	688
905449	90	45	30	16	725

Standard Chain Containers for Series 6000, see page 10

Longer Lift Chain Containers Series 2200 Air Chain Hoists

Standard Link Chain					
Part Number	Suspension	Depth (S Dim.)	Maximum Lift		Price
			1/4 & 1/2 Ton	1 Ton	
444620-21	Hook or Lug	22 1/2	60	30	191
444620-26	Lug	28 1/2	75	37	273
444620-31		33 1/2	90	45	354
444620-35		37 1/2	105	52	386
Spark and Corrosion Resistant Link Chain					
Part Number	Suspension	Depth (S Dim.)	Maximum Lift		Price
			3/8 Ton	3/4 Ton	
444551-21	Hook or Lug	22 1/2	60	30	664
444551-26	Lug	28 1/2	75	37	690
444551-31		33 1/2	90	45	724
444551-35		37 1/2	105	52	753

Spark and Corrosion Resistant Longer Lift Chain Containers for Series 6000				
Chain Container Catalog Number	Maximum Lift In Feet			Price
	1/2 Ton	1 Ton	2 Ton	
439425-*1SR	60	30	20	822
439425-*2SR	90	45	30	852
439425-*3SR	120	60	40	880
439425-*4SR	150	75	50	899
439425-*5SR	180	90	60	927
439425-*6SR	210	105	70	964

* 1/2 ton insert number 1
1 ton insert number 2
2 ton insert number 3

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 1/2 inches wide.
Chain container depth (S Dim.) for 6000 series chain hoist is the same as the electrics on page 10 & 11.

For cloth chain container see pages 11

For standard metal chain containers see pages 10 & 11

Air Hose Assembly

Assembly requires Catalog Number for both hose and fittings.

Catalog Number	ID (in)	OD (in)	Braid	Max. PSI	Wt./ Ft.	Price (ft)
901610	1/2	15/16	1	200	0.33	3.17
901611	3/4	1 1/4	2	225	0.52	3.69
901612	1	1 1/2	2	200	0.65	5.71

Fittings

Male swivel at each end

Catalog Number	Hose ID (in)	Thread Size M-NPT	Price (pair)
901614	1/2	3/8	41
901615	3/4	1/2	44
901616	1	3/4	68

Fittings With Quick Disconnect

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

Catalog Number	Hose ID (in)	Thread Size M-NPT	Price (pair)
901618	1/2	3/8	65
901619	3/4	1/2	88
901620	1	3/4	151

Recoil Air Hose

Self-Storing Air Hose with Fittings

Catalog Number	Hose Size (ID in)	X	Working Length (ft)	Fittings Each End	Price
901621	1/2	x	15	3/8 NPTF Male	122
901622	1/2	x	25	Swivel Fittings	151
901624	3/4	x	15	3/4 NPTF Male	243
901625	3/4	x	25	Swivel Fittings	302
901626	3/4	x	50	Swivel Fittings	485

Nylon coated cable with eyebolt fittings each end for supporting recoil air hose (supports by others).

Catalog Number	Length (ft)	Price
901629	25	65
901630	50	107

Redundant Support

Hoist Suspension redundant support for Series 2200 Hoist

Catalog Number	Price
2268	92

Pendant Throttle Conversion Kit

Kit for converting the pull cord Series 2200 BUDGIT Air Hoist to pendant throttle operation.

Catalog Number	Price
2269	925

For longer than 6" ft. pendant hose, add **\$6.30** per foot.

Air Hose Trolleys - 2-5/8" - 6" flange

Catalog Number	For Hose Size	Price Each
40254	5/8" - 1 1/2" Hose	35

Wire Rope Festoon Systems

For Air supply hose 1/2" to 1" ID hose

Catalog System Number	Working Travel (ft)	Loop Depth (ft)	Overall Length (ft)	Shipping Wt.	Price
901601	16	3	18.5	11	322
	21	4	23.5		
901602	28	3	31.1	13	477
	37	4	40.1		
901603	40	3	43.6	15	654
	52	4	55.6		

System Includes: End clamp assemblies, Hardware Kit, Intermediate carriers (quantities based upon overall length). Nylon covered wire rope per required length.

Filter-Lubricator Units

Filter-Lubricator Units

Catalog Number	Inlet/Outlet Size (in)	Bowl Size	Shipping Wt.	Price
* 902960	3/8 (2200 Series)	11 oz.	6	219
* 902961	1/2 (AMDT)	11 oz.	7	261
902962	3/4 (6000 Series)	24 oz.	11	485
902963	1	24 oz.	15	485

Filter-Regulator-Lubricator Units

Catalog Number	Inlet/Outlet Size (in)	Bowl Size	Shipping Wt.	Price
* 902966	3/8 (2200 Series)	11 oz.	14	322
* 902967	1/2 (AMDT)	11 oz.	15	395
902968	3/4 (6000 Series)	24 oz.	20	667
902969	1	24 oz.	20	667

* Not for use with 6000 Series Air Hoist.

2200 Series Lug Kit

Converts hook mount to lug

Catalog Number	Capacity (tons)	Price
22185610	1/4, 1/2 and 3/8	85
22412301	3/4 and 1	151

Supplemental, External Muffler, In addition to our standard internal mufflers	Price
Series 2200 Air Chain Hoist.....	188
Series 6000 Air Chain Hoist or Air Motor Driven Trolley..... each	483
Deduct Two Lever Pendant Throttle Control, pendant by others	
Series 2200 Air Chain Hoist.....	-(210)
Series 6000 Air Chain Hoist or Air Motor Driven Trolley..... each	-(213)
Add Six Lever Pendant to Trolley & Hoist.....	1750
Add Four Lever Pendant to Trolley without hoist.....	735
Add Four Lever Pendant to 2200 with Motor Driven Trolley.....	604
Zinc Plated Hooks	
2200 Series - Add per hook.....	66
6000 Series - Add per hook.....	47
Drop Stops (safety lugs) and bumpers for AMDT & Heavy Duty Rigid Mount Trolleys	
Drop Stops (steel only).....	320
Drop Stops with Rubber Bumpers.....	642
Patented Track Wheels Air Motor Driven Trolleys, 3/4 inch minimum flange width	
Standard Trolley.....	404
Spark Resistant Trolley.....	843
Food Grade Lubrication Hoists	
Series 2200 Air Chain Hoist.....	N/C
Series 6000 Air Chain Hoist.....	118
Epoxy Enamel Paint, three coat system per data sheet	
Each Hoist, Trolley & Chain Container combination.....	668
Rigid Top Hook - not available on spark resistant units	
Series 2200.....	42
Series 6000 1 & 2 Ton.....	28
Series 6000 3 Ton.....	141
Relabeling of 2200 series hoist capacity.....	156
Derate and Reset Clutch - 6000 Series.....	245
Trolley Travel Limit Switch (trip dog by others).....	2664

EASY CONNECT CRANE KIT SECTION TOP RUNNING & UNDERHUNG

Specification Information

The Easy Connect Crane Kits offer hoists, crane components, bolt together festoon systems with cable plugs and bridge and hoist panels with plug connectors. Bundled for single girder top and under running cranes.

This price and specification book contains crane clearance diagrams with estimated dimensions, wheel loads and crane weights. All crane components listed are based on CMAA Class "C" Service. All girder sections are estimated based on US tons of 2,000# and using grade 50 steel for both the wide flange beams and capping channels. All final calculations and dimensions should be checked by a qualified engineer.

Kit Numbering System

Pricing and ordering of an Easy Connect Single Girder Crane Kit has been made simple. The kit numbering system is designed to insure that you get the correct combinations of features and components required to build your crane. You also have the ability to add options to the kits.

EXAMPLE:

Budget Electric Chain Hoist Kit B01BSGT20-2/2/V-*

<u>B</u>	<u>05</u>	<u>B</u>	<u>SG</u>	<u>T</u>	<u>20</u>	-	<u>2</u>	/	<u>2</u>	/	<u>V</u>	-	<u>*</u>
A	B	C	D	E	F	G	H	I					

- A** = Maximum Capacity in tons
- B** = Bridge Drive Gearing
 - B = Worm Geared A-4 Drive
- C** = SG Single Girder
- D** = Type of Crane
 - T = Top-Running
 - U = Under-Running
- E** = Maximum Span in feet
- F** = Hoist Speed Points of Control
 - 2 = 2-Speed

- G** = Trolley Speed Points of Control
 - 2 = 2-Speed
 - V = VFC
- H** = Bridge Speed Points of Control
 - 2 = 2-Speed
 - V = VFC
- I** = Power Supply Voltage
 - 2 = 230 VAC
 - 4 = 460 VAC

Capacities 1 - 3 Tons
Spans 20' - 48'

General Industrial Single Girder Kits

Overview

Easy Connect Crane Kits are an easy and efficient way to assemble a single girder top or under-running crane. The majority of the crane is easily and quickly "wired up" with easy snap in connectors. No more tedious work with figuring out and connecting individual wires. Pre-wired and tested electrical festoon systems reduce the time it takes to build a crane and eliminates the need for a skilled electrician. To build a complete crane, all that is needed in addition to the crane package is the bridge girder, end connections (sold as option) capacity plates and collectors (sold as option) and paint.

This booklet contains a price page followed by dimensional diagrams that provide estimated dimensions, weights and loadings for each crane and hoist combination. All Easy Connect Crane Kits meet or exceed CMAA Class "C" Service.

Each Kit Includes

Item	Qty
Electric Chain Hoist	1
Note: Budgetit brand chain hoist is standard without a load brake	
Chain Container	1
Welded Channel frame, Budgetit, fixed axle bridge end trucks	1 Pair
End Truck Bumpers - field mounted - for top & under-running kits	4
Bridge drives with motor and reducer - bridge brake is optional	1 pair
Variable frequency bridge control with disconnect switch and mainline contactor in a NEMA 4/12 enclosure. Call factory for 575V pricing.	1
"Plug & Play" festoon systems comprised of:	
Festoon cross conductors	1
Festoon 8-button IP66 pendant station	1
Bridge panel to motor connection cables and plugs	2
Bridge panel to main collectors connection cable and plug	1
Bridge panel support arms and hardware	2
Collector Pole & Bracket (Top Running Kits Only)	1
Trolley End Stops (Top Running Kits Only)	1 pair
Standard top-running bridge speed of 100 fpm	
Standard under-running bridge speed of 110 fpm	

General Industrial Single Girder Kits with Electric Chain Hoists Single Girder Top-Running Bridges

A-4 Drive with Budgit Hoist & Channel Frame End Trucks

(1 - 3 tons to 48' span)

Girder Sections based on US Tons and Grade 50 Steel

2-Speed Hoist / 2-Speed Trolley / Variable Frequency Bridge

Capacity	Span (ft)	Catalog No.	List Price	Weight With Festoon (lbs)	Drawing on Page No.
			With Festoon		
1	20	B01BSGT20-2/2/V-*	18894	1171	6
	30	B01BSGT30-2/2/V-*	19225	1271	
	36	B01BSGT36-2/2/V-*	19578	1331	
	40	B01BSGT40-2/2/V-*	20154	1453	
	48	B01BSGT48-2/2/V-*	20461	1533	
2	20	B02BSGT20-2/2/V-*	20131	1242	7
	30	B02BSGT30-2/2/V-*	20546	1342	
	36	B02BSGT36-2/2/V-*	20885	1402	
	40	B02BSGT40-2/2/V-*	21473	1524	
	48	B02BSGT48-2/2/V-*	21814	1604	
3	20	B03BSGT20-2/2/V-*	21728	1341	8
	30	B03BSGT30-2/2/V-*	22066	1441	
	36	B03BSGT36-2/2/V-*	22432	1501	
	40	B03BSGT40-2/2/V-*	23007	1623	
	48	B03BSGT48-2/2/V-*	23303	1703	

* Specify Voltage – (2) for 230V, (4) for 460V. Call factory for 575V pricing.

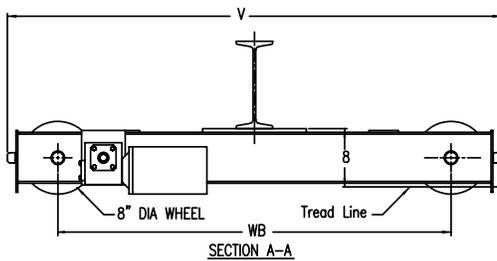
Note: Specify runway rail size when ordering.

1 Ton Top Running Bridge Kits with Electric Chain Hoist

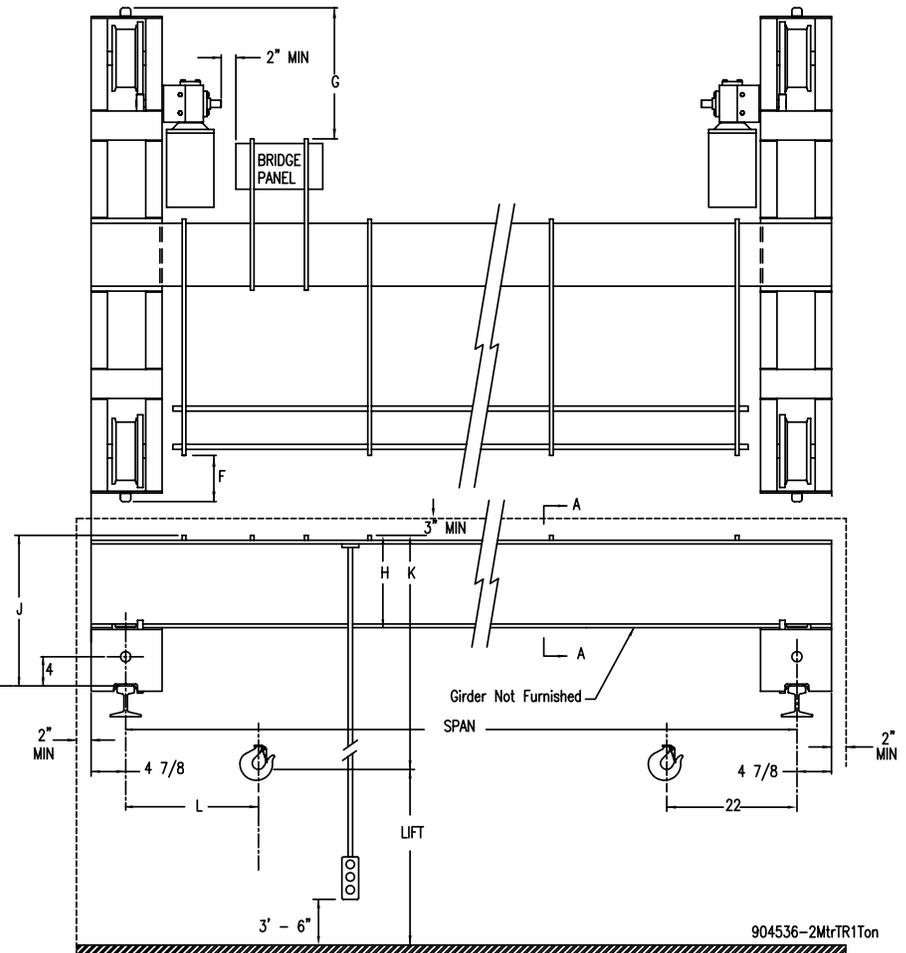
Hoist Cat. No. BEHC0116-20MT-4
Hoist Spd/HP 16/5.3 fpm 1/.33 hp
Trolley Spd/HP 75/25 fpm .25/.083 hp
Bridge Speed 100 fpm
Max Lift 20 ft.

Based on ASCE Runway Rail 40#
Capacities based on US tons
Bridge Girders based on:
 Grade 50 wide flange beams
 Class "C" Indoor Service
 Bridge acceleration rate of .4 based on
 use of VFC bridge control

Note: Dimensions are for estimating purposes
 only. All dimensions, weights and girder sections
 need to be checked by a qualified engineer.



*May change if beam used changes.



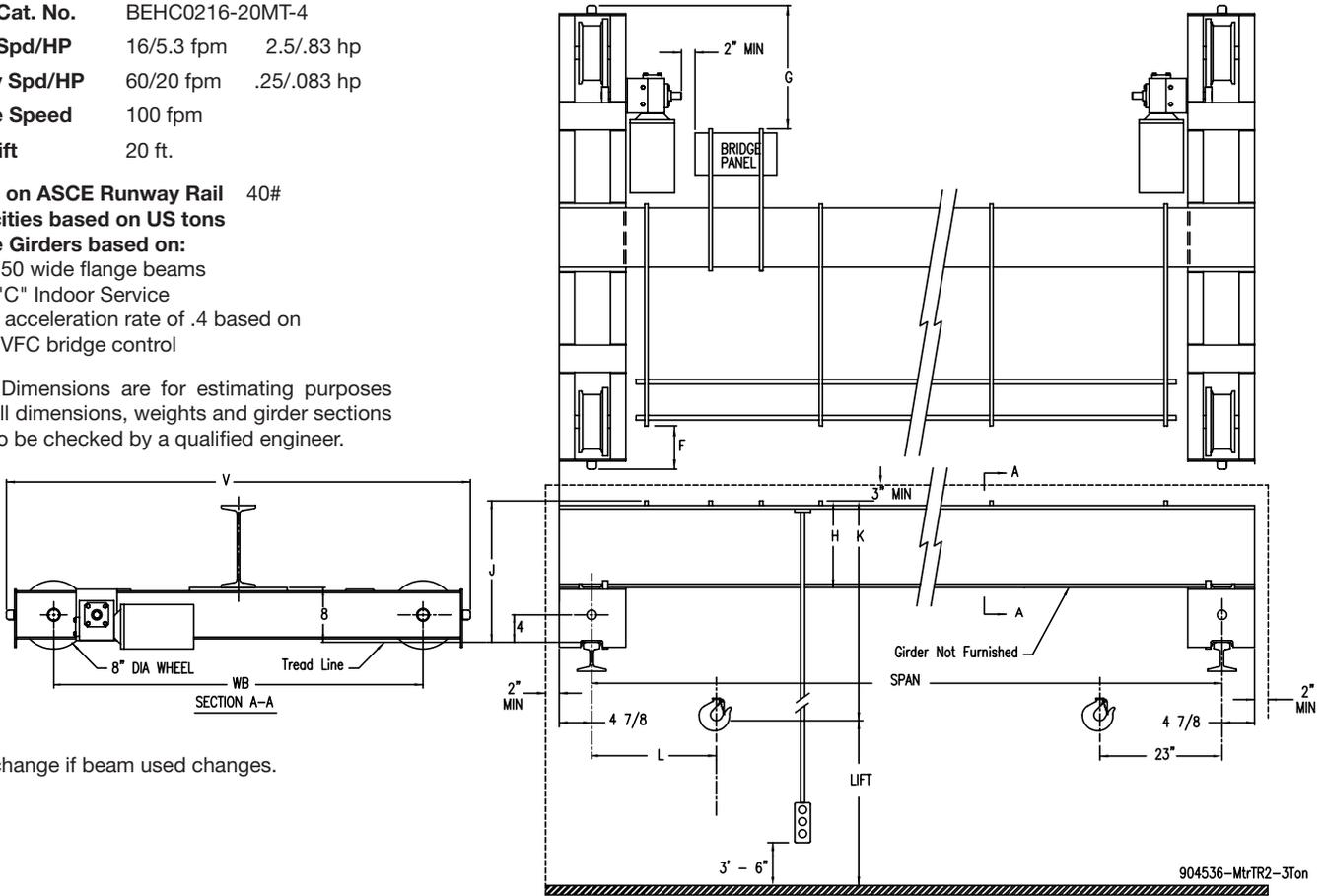
Weight in lbs						Bridge		Dimensions							
Span	Bridge Beam	Cap Channel	Trolley Ext*	Complete Crane	Est Actual W.L.	HP each	Wheel Dia.	F	G	H	J	K	L	W.B.	V
20	W10 x 22		1st	2006	1447	(2) 1/2	8	4 3/8	7 11/16	12 1/2	20 3/4	30	29	4'-6"	5' - 8 3/4"
22	W10 x 26		1st	2550	1517			4 3/8	7 11/16	12 3/4	21	31	32		
24	W10 x 26		1st	2604	1538			4 3/8	7 11/16	12 3/4	21	31	32		
26	W10 x 30		1st	2762	1584			4 3/8	7 11/16	12 7/8	21 1/8	31	32		
28	W10 x 33		2nd	2908	1626			3 1/4	6 9/16	12 1/8	20 3/8	30	32		
30	W12 x 35		1st	3036	1663			4	7 5/16	14 7/8	23 1/8	33	32		
32	W12 x 40		2nd	3378	1753			3 1/4	6 9/16	14 3/8	22 5/8	32	35		
34	W12 x 40		2nd	3460	1777			3 1/4	6 9/16	14 3/8	22 5/8	32	35		
36	W12 x 40		2nd	3542	1801			3 1/4	6 9/16	14 3/8	22 5/8	32	35		
38	W14 x 48		2nd	4028	1925			12 1/4	15 9/16	16 1/8	24 3/8	34	35		
40	W14 x 48		2nd	4126	1952	12 1/4	15 9/16	16 1/8	24 3/8	34	35				
42	W14 x 53		2nd	4544	2059	12 1/4	15 9/16	16 1/4	24 1/2	34	42				
44	W16 x 36	C10 x 15.3	1st	4578	2070	12 3/4	16 1/16	18 1/2	26 3/4	36	42				
46	W16 x 36	C10 x 15.3	1st	4682	2098	12 3/4	16 1/16	18 1/2	26 3/4	36	42				
48	W16 x 36	C12 x 20.7	1st	5046	2191	12 3/4	16 1/16	18 5/8	26 7/8	36	42				

2 Ton Top Running Bridge Kits with Electric Chain Hoist

Hoist Cat. No. BEHC0216-20MT-4
Hoist Spd/HP 16/5.3 fpm 2.5/.83 hp
Trolley Spd/HP 60/20 fpm .25/.083 hp
Bridge Speed 100 fpm
Max Lift 20 ft.

Based on ASCE Runway Rail 40#
Capacities based on US tons
Bridge Girders based on:
 Grade 50 wide flange beams
 Class "C" Indoor Service
 Bridge acceleration rate of .4 based on
 use of VFC bridge control

Note: Dimensions are for estimating purposes only. All dimensions, weights and girder sections need to be checked by a qualified engineer.



*May change if beam used changes.

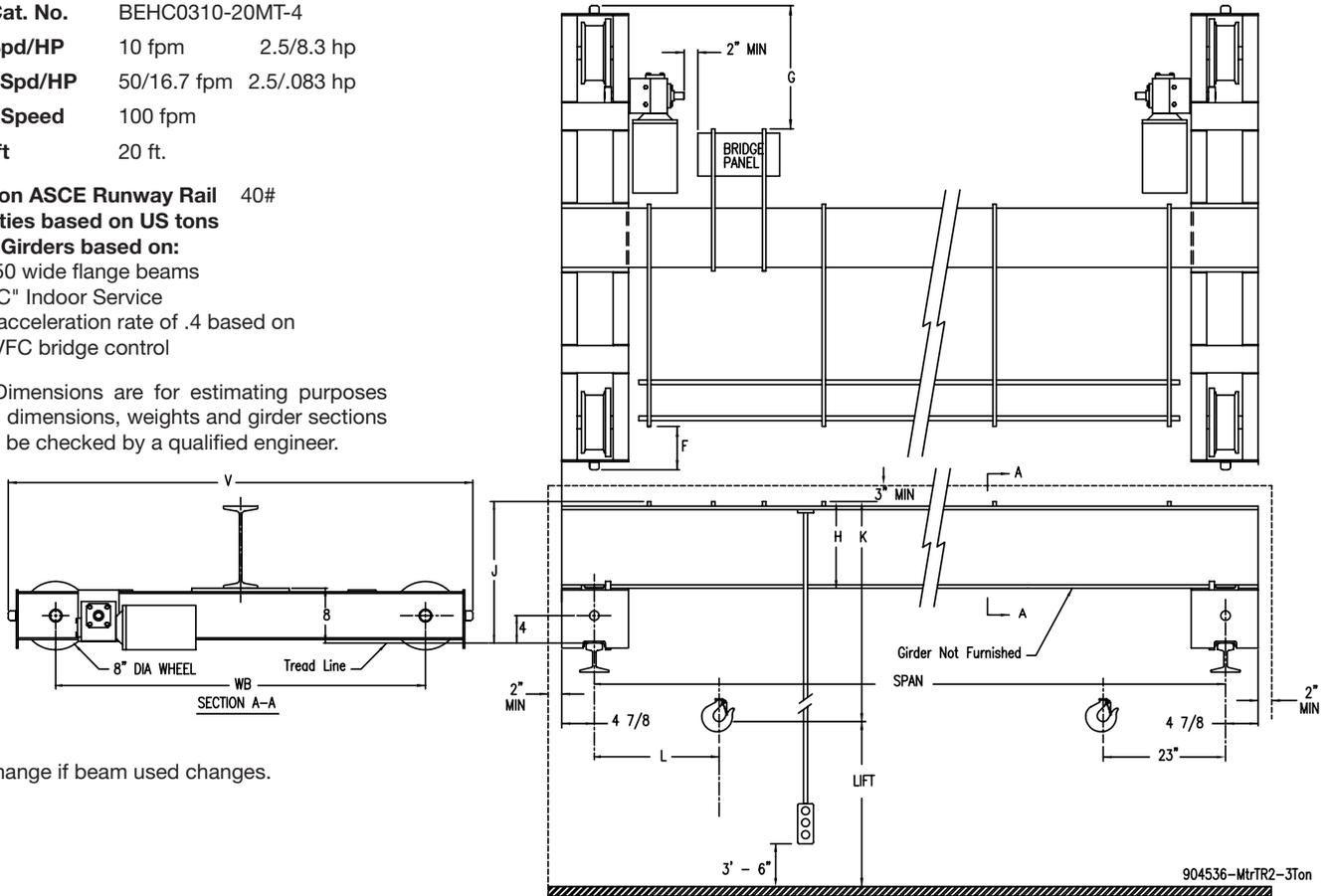
Weight in lbs					Bridge		Dimensions							
Span	Bridge Beam	Trolley Ext*	Complete Crane	Est Actual W.L.	HP each	Wheel Dia.	F	G	H	J	K	L	W.B.	V
20	W10 x 30	std	2197	2401	(2) 1/2	8	4 11/16	8	12 7/8	21 1/8	35	28	4'-6"	5' - 8 3/4"
22	W12 x 35	1st	2779	2490			4 5/16	7 5/8	14 7/8	23 1/8	37	31		
24	W12 x 35	1st	2851	2523			4 5/16	7 5/8	14 7/8	23 1/8	37	31		
26	W12 x 40	1st	3053	2586			3 9/16	6 7/8	14 3/8	22 5/8	37	31		
28	W12 x 40	1st	3135	2618			3 9/16	6 7/8	14 3/8	22 5/8	37	31		
30	W12 x 45	1st	3367	2686			3 9/16	6 7/8	14 3/8	22 5/8	37	31		
32	W14 x 48	1st	3665	2769			3 9/16	6 7/8	16 1/8	24 3/8	39	34		
34	W14 x 53	1st	3933	2843			3 9/16	6 7/8	16 1/4	24 1/2	39	34		
36	W14 x 53	1st	4041	2877			3 9/16	6 7/8	16 1/4	24 1/2	39	34		
38	W14 x 61	2nd	4553	3011			11 9/16	14 7/8	16 1/4	24 1/2	39	34		
40	W14 x 68	2nd	4957	3117	11 9/16	14 7/8	16 1/8	24 3/8	39	34				
42	W16 x 67	2nd	5163	3173	(2) 3/4	8	11 7/16	14 3/4	16 1/4	24 1/2	39	37	6'-0"	7' - 2 3/4"
44	W16 x 67	2nd	5299	3212			11 7/16	14 3/4	18 1/4	26 1/2	41	37		
46	W16 x 77	2nds	5895	3364			11 7/16	14 3/4	18 7/8	27 1/8	42	37		
48	W16 x 89	2nds	6627	3551			11 3/8	14 5/8	19 1/8	27 3/8	43	37		

3 Ton Top Running Bridge Kits with Electric Chain Hoist

Hoist Cat. No. BEHC0310-20MT-4
Hoist Spd/HP 10 fpm 2.5/8.3 hp
Trolley Spd/HP 50/16.7 fpm 2.5/.083 hp
Bridge Speed 100 fpm
Max Lift 20 ft.

Based on ASCE Runway Rail 40#
Capacities based on US tons
Bridge Girders based on:
 Grade 50 wide flange beams
 Class "C" Indoor Service
 Bridge acceleration rate of .4 based on
 use of VFC bridge control

Note: Dimensions are for estimating purposes
 only. All dimensions, weights and girder sections
 need to be checked by a qualified engineer.



*May change if beam used changes.

Weight in lbs						Bridge		Dimensions							
Span	Bridge Beam	Cap Channel	Trolley Ext*	Complete Crane	Est Actual W.L.	HP each	Wheel Dia.	F	G	H	J	K	L	W.B.	V
20	W12 x 35		1st	2391	3373	(2) 1/2	8	4 9/16	7 13/16	14 7/8	23 1/8	42	28	4'-6"	5' - 8 3/4"
22	W14 x 43		1st	3049	3490			3 13/16	7 1/16	16	24 1/4	43	31		
24	W14 x 43		1st	3137	3534			3 13/16	7 1/16	16	24 1/4	43	31		
26	W14 x 48		1st	3355	3608			3 13/16	7 1/16	16 1/8	24 3/8	43	31		
28	W14 x 48		1st	3453	3649			3 13/16	7 1/16	16 1/8	24 3/8	43	31		
30	W14 x 53		1st	3701	3726			3 13/16	7 1/16	16 1/4	24 1/2	43	31		
32	W14 x 61		2nd	4175	3857			2 13/16	6 1/16	16 1/4	24 1/2	43	34		
34	W14 x 61		2nd	4299	3899			2 13/16	6 1/16	16 1/4	24 1/2	43	34		
36	W16 x 67		2nd	4639	3994			2 11/16	5 15/16	18 3/4	27	46	34		
38	W16 x 67		2nd	4875	4062			11 11/16	14 15/16	18 3/4	27	46	34		
40	W16 x 77		2nds	5411	4204	(2) 3/4	8	11 11/16	14 15/16	18 7/8	27 1/8	47	34	6'-0"	7' - 2 3/4"
42	W16 x 77		2nds	5677	4277			11 11/16	14 15/16	18 7/8	27 1/8	47	37		
44	W18 x 86		2nds	6229	4422			11 1/4	14 1/2	20 3/4	29	49	37		
46	W18 x 86		2nds	6403	4471			11 1/4	14 1/2	20 3/4	29	49	37		
48	W21 x 68	C12 x 20.7	1st	6707	4553			12 11/16	15 15/16	23 7/8	32 1/8	51	37		

General Industrial Single Girder Kits with Electric Chain Hoists Single Girder Under-Running Bridges

A-4 Drive with Budgit Hoist & Channel Frame End Trucks

(1 - 3 tons to 48' span)

Girder Sections based on US Tons and Grade 50 Steel

2-Speed Hoist / 2-Speed Trolley / Variable Frequency Bridge

Capacity	Span (ft)	Catalog No.	List Price	Weight With Festoon (lbs)	Drawings on Page No.
			With Festoon		
1	20	B01BSGU20-2/2V-*	17063	1091	10
	30	B01BSGU30-2/2V-*	17355	1191	
	36	B01BSGU36-2/2V-*	17497	1251	
	40	B01BSGU40-2/2V-*	19113	1483	
	48	B01BSGU48-2/2V-*	19387	1563	
2	20	B02BSGU20-2/2V-*	18471	1162	11
	30	B02BSGU30-2/2V-*	18764	1262	
	36	B02BSGU36-2/2V-*	18905	1322	
	40	B02BSGU40-2/2V-*	20521	1554	
	48	B02BSGU48-2/2V-*	20794	1634	
3	20	B03BSGU20-2/2V-*	20012	1261	12
	30	B03BSGU30-2/2V-*	20299	1361	
	36	B03BSGU36-2/2V-*	20439	1421	
	40	B03BSGU40-2/2V-*	22056	1653	
	48	B03BSGU48-2/2V-*	22329	1733	

* Specify Voltage – (2) for 230V, (4) for 460V. Call factory for 575V pricing.

Note: Specify runway beam size when ordering.

Above price based on the following runway beam flange widths:

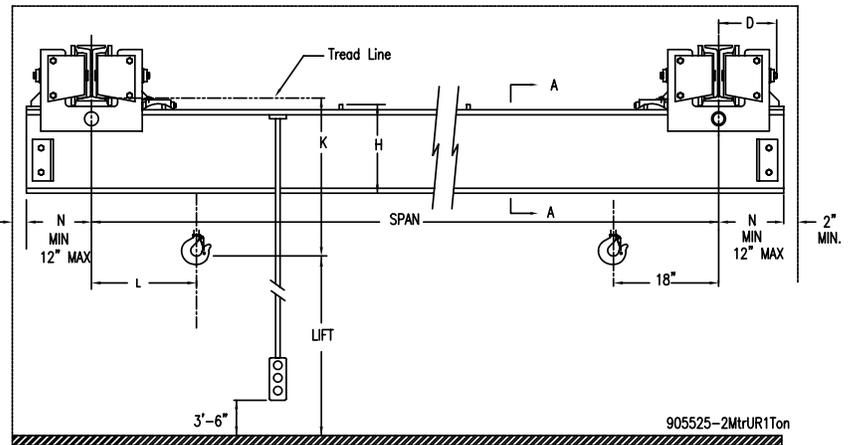
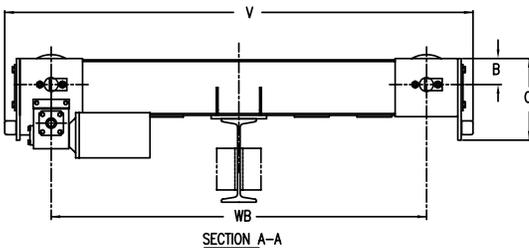
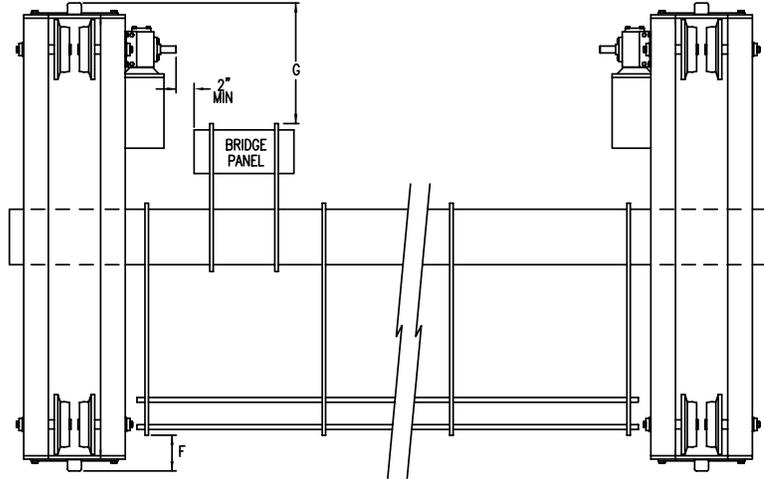
Tons Capacity	Span	Base Range
1 - 3	20' - 36'	3-3/8" - 5-1/2"
1 - 3	37' - 48'	4" - 6-1/4"

For wider runway beam flange width trucks see page 13 for adders.

1 Ton Under Running Bridge Kits with Electric Chain Hoist

Hoist Cat. No. BEHC0116-20MT-4
Hoist Spd/HP 16/5.3 fpm 1/.33 hp
Trolley Spd/HP 75/25 fpm .25/.083 hp
Bridge Speed 110 fpm
Max Lift 20 ft.

Based on Runway Flange Width of
 3-3/8" - 5-1/2" on spans to 36'
 4" - 6-1/4" on spans over 36' up to 48'
Capacities based on US tons
Bridge Girders based on:
 Grade 50 wide flange beams
 Class "C" Indoor Service
 Bridge acceleration rate of .4 based on
 use of VFC bridge control



Note: Dimensions are for estimating purposes only.
 All dimensions, weights and girder sections need
 to be checked by a qualified engineer.

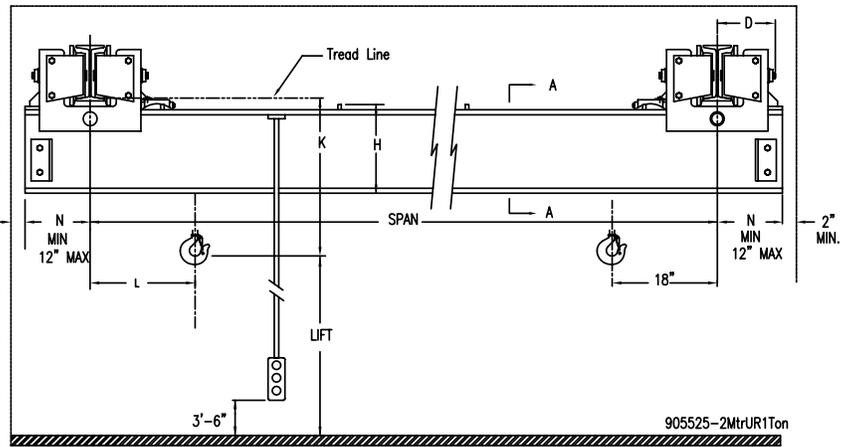
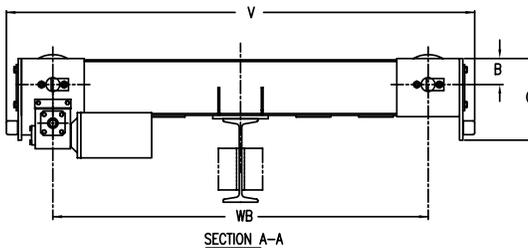
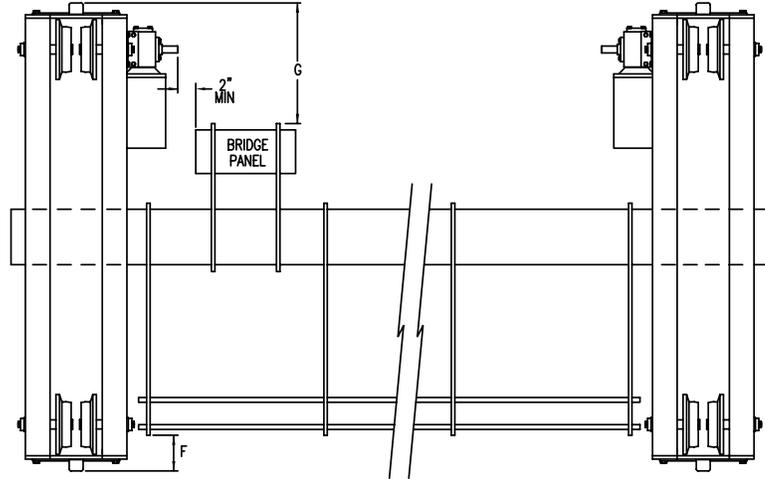
*May change if beam used changes.

Weight in lbs						Bridge						Dimensions							
Span	Bridge Beam	Cap Channel	Trolley Ext*	Complete Crane	Est Actual W.L.	HP each	Wheel Dia.	B	C	D	N	F	G	H	K	L	W.B.	V	
20	W10 x 22		1st	2053	1462	(2) 1/2	4	2 15/16	9 3/16	7 13/16	8 1/4	2 5/8	5 15/16	12 1/2	29 7/8	24	4'-6"	5' - 5-1/4"	
22	W10 x 26		1st	2305	1534							2 5/8	5 15/16	12 3/4	30 1/8	27			
24	W10 x 26		1st	2359	1555							2 5/8	5 15/16	12 3/4	30 1/8	27			
26	W10 x 30		1st	2525	1603							2 5/8	5 15/16	12 7/8	30 1/4	27			
28	W10 x 33		2nd	2677	1646							1 1/2	4 13/16	12 1/8	29 1/2	27			
30	W 12 x 35		1st	2809	1684							2 1/4	5 9/16	14 7/8	32 1/4	27			
32	W 12 x 40		2nd	3161	1776							1 1/2	4 13/16	14 3/8	31 3/4	30			
34	W 12 x 40		2nd	3243	1800							1 1/2	4 13/16	14 3/8	31 3/4	30			
36	W 12 x 40		2nd	3325	1824		1 1/2	4 13/16	14 3/8	31 3/4	30								
38	W 14 x 48		2nd	3827	1953		6 1/2	3 3/4	11 3/4	8 11/16	9 3/8	12 1/8	15 7/16	16 1/8	33 1/2	30	6'-0"	7' - 2-1/2"	
40	W 14 x 48		2nd	3925	1980							12 1/8	15 7/16	16 1/8	33 1/2	33			
42	W 14 x 53		2nd	4353	2089							12 1/8	15 7/16	16 1/4	33 5/8	33			
44	W 16 x 36	C10 x 15.3	1st	4383	2099							12 5/8	15 15/16	18 1/2	35 7/8	33			
46	W 16 x 36	C10 x 15.3	1st	4488	2127							12 5/8	15 15/16	18 1/2	35 7/8	33			
48	W 16 x 36	C12 x 20.7	1st	4862	2222							12 5/8	15 15/16	18 5/8	35 3/4	33			

2 Ton Under Running Bridge Kits with Electric Chain Hoist

Hoist Cat. No. BEHC0216-20MT-4
Hoist Spd/HP 16/5.3 fpm 2.5/.83 hp
Trolley Spd/HP 60/20 fpm .25/.083 hp
Bridge Speed 110 fpm
Max Lift 20 ft.

Based on Runway Flange Width of
 3-3/8" - 5-1/2" on spans to 36'
 4" - 6-1/4" on spans over 36' up to 48'
Capacities based on US tons
Bridge Girders based on:
 Grade 50 wide flange beams
 Class "C" Indoor Service
 Bridge acceleration rate of .4 based on
 use of VFC bridge control



Note: Dimensions are for estimating purposes only.
 All dimensions, weights and girder sections need
 to be checked by a qualified engineer.

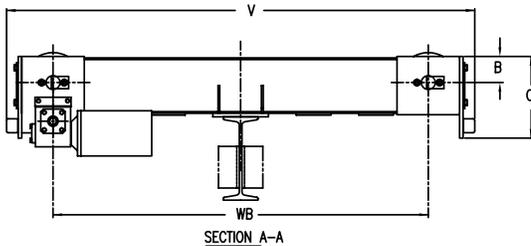
*May change if beam used changes.

Weight in lbs					Bridge						Dimensions						
Span	Bridge Beam	Trolley Ext*	Complete Crane	Est Actual W.L.	HP each	Wheel Dia.	B	C	D	N	F	G	H	K	L	W.B.	V
20	W10 x 30	std	2155	2398	(2) 1/2	4	2 15/16	9 3/16	7 13/16	8 1/4	2 15/16	6 1/4	12 7/8	35	23	4'-6"	5' - 5-1/4"
22	W 12 x 35	1st	2437	2486							2 9/16	5 7/8	14 7/8	37	26		
24	W 12 x 35	1st	2509	2520							2 9/16	5 7/8	14 7/8	37	26		
26	W 12 x 40	1st	2711	2583							1 13/16	5 1/8	14 3/8	36 1/2	26		
28	W 12 x 40	1st	2793	2614							1 13/16	5 1/8	14 3/8	36 1/2	26		
30	W 12 x 45	1st	3025	2682							1 13/16	5 1/8	14 3/8	36 1/2	26		
32	W 14 x 48	1st	3323	2764							1 13/16	5 1/8	16 1/8	38 1/4	29		
34	W 14 x 53	1st	3591	2839							1 13/16	5 1/8	16 1/4	38 3/8	29		
36	W 14 x 53	1st	3699	2872							1 13/16	5 1/8	16 1/4	38 3/8	29		
38	W 14 x 61	2nd	4211	3006							11 7/16	14 3/4	16 1/4	38 3/8	29		
40	W 14 x 68	2nd	4615	3112							11 7/16	14 3/4	16 1/8	38 1/4	32		
42	W 16 x 67	2nd	4821	3169							11 5/16	14 5/8	16 1/4	38 3/8	32		
44	W 16 x 67	2nd	4957	3207							11 5/16	14 5/8	18 1/4	40 3/8	32		
46	W 16 x 77	2nds	5553	3360							11 5/16	14 5/8	18 7/8	42	32		
48	W 16 x 89	2nds	6285	3546							11 1/4	14 9/16	19 1/8	42 1/4	32		

3 Ton Under Running Bridge Kits with Electric Chain Hoist

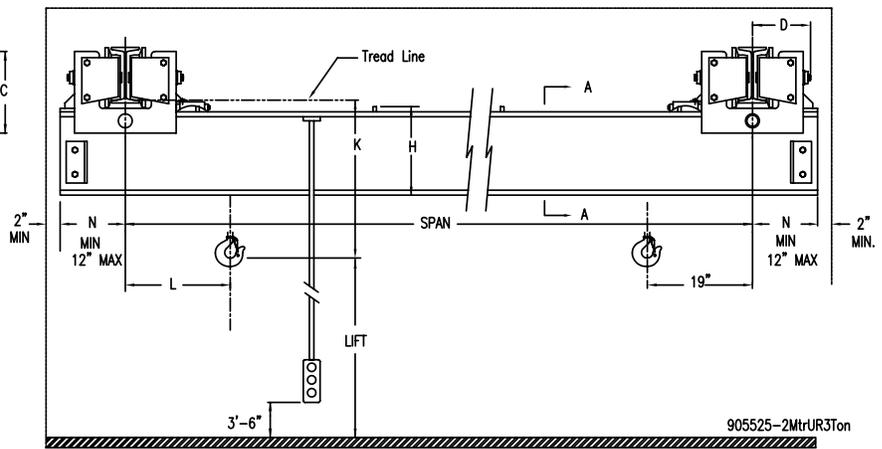
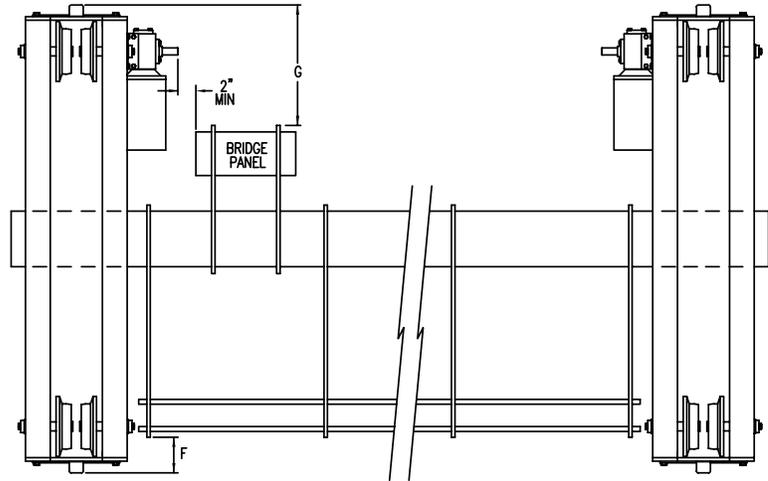
Hoist Cat. No. BEHC0310-20MT-4
Hoist Spd/HP 10 fpm 2.5/.83 hp
Trolley Spd/HP 50/16.7 fpm .25/.083 hp
Bridge Speed 110 fpm
Max Lift 20 ft.

Based on Runway Flange Width of
 3-3/8" - 5-1/2" on spans to 36'
 4" - 6-1/4" on spans over 36' up to 48'
Capacities based on US tons
Bridge Girders based on:
 Grade 50 wide flange beams
 Class "C" Indoor Service
 Bridge acceleration rate of .4 based on
 use of VFC bridge control



Note: Dimensions are for estimating purposes only.
 All dimensions, weights and girder sections need
 to be checked by a qualified engineer.

*May change if beam used changes.



Weight in lbs						Bridge						Dimensions						
Span	Bridge Beam	Cap Channel	Trolley Ext*	Complete Crane	Est Actual W.L.	HP each	Wheel Dia.	B	C	D	N	F	G	H	K	L	W.B.	V
20	W 12 x 35		1st	2359	3373	(2) 1/2	4	2 15/16	9 3/16	7 13/16	8 1/4	2 13/16	6 1/16	14 7/8	41 3/8	23	4'-6"	5' - 5-1/4"
22	W 14 x 43		1st	2717	3490							2 1/16	5 5/16	16	42 1/2	26		
24	W 14 x 43		1st	2805	3534							2 1/16	5 5/16	16	42 1/2	26		
26	W 14 x 48		1st	3023	3608							2 1/16	5 5/16	16 1/8	42 5/8	26		
28	W 14 x 48		1st	3121	3649							2 1/16	5 5/16	16 1/8	42 5/8	26		
30	W 14 x 53		1st	3369	3726							2 1/16	5 5/16	16 1/4	42 3/4	26		
32	W 14 x 61		2nd	3843	3857							1 1/16	4 5/16	16 1/4	42 3/4	29		
34	W 14 x 61		2nd	3967	3899							1 1/16	4 5/16	16 1/4	42 3/4	29		
36	W 16 x 67		2nd	4307	3994							15/16	4 3/16	18 3/4	45 1/4	29		
38	W 16 x 67		2nd	4543	4061							11 9/16	14 13/16	18 3/4	45 1/4	29		
40	W 16 x 77		2nds	5079	4203							11 9/16	14 13/16	18 7/8	46 3/8	32		
42	W 16 x 77		2nds	5345	4277							11 9/16	14 13/16	18 7/8	46 3/8	32		
44	W18 x 86		2nds	5897	4421							11 1/8	14 3/8	20 3/4	48 1/4	32		
46	W18 x 86		2nds	6071	4471							11 1/8	14 3/8	20 3/4	48 1/4	32		
48	W 21 x 68	C12 x 20.7	1st	6375	4552	12 9/16	15 13/16	23 7/8	50 3/8	32								

CRANE COMPONENTS SECTION

Push Type Underhung

Catalog Number	Runway Beam Flange Adjustment Range	Maximum Capacity (tons)	Maximum Span (ft)	Remarks	Kit Weight (lbs)	Price
Angle Construction Trucks						
905360	3" - 8"	1/2	30	Pressed Steel Wheels	300	1068
905360		1	24			1068
905360SR		1	24	Spark Resistant Wheels		3019
905361	3 3/8" - 8"	2	30	Pressed Steel Wheels	310	1188
905362				Forged Steel Wheels	320	1817
905362PT	3 1/4"			Patented Track Wheels		2300
905362SR	3 3/8" - 8"			Spark Resistant Wheels		4065
Channel Construction Trucks						
905368	3 3/8" - 5 1/2"	3	36	Forged Steel Wheels	380	2300
905368W1	5 1/2" - 8"				390	2528
905368W2	8" - 10 1/2"				400	2625
905368SR	3 3/8" - 5 1/2"			Spark Resistant Wheels	380	4503
905368PT	3 1/4"			Patented Track Wheels		2815
905368S	3 3/8" - 5 1/2"			24	3' - 0" Short Wheelbase	330
905524	4" - 6 1/4"	5	36	Forged Steel Wheels	550	3824
905524W1	6 3/8" - 9"				560	4086
905524W2	9" - 11 1/2"				570	4203
905524PT	3 1/4"			Patented Track Wheels	550	4544
905524SR	4" - 6 1/4"			Spark Resistant Wheels		6170
905524S				24	3' - 0" Short Wheelbase	495

Push Type Top Running*

Catalog Number	Maximum Capacity (tons)	Maximum Span (ft)	Remarks	Shipping Wt. (lbs)	Price
904535	5	36	8" Ductile Iron Wheels	450	3074
904535SR			8" Spark Resistant Wheels		9693
904535S		24	8" Ductile Iron Wheels 3' - 0" Short Wheel Base	405	3987

End connection kit sold separately #51525050 **\$214** list
For complete specifications, see Bulletin # CS/L-1003-0206.

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

Hand Geared Underhung - Standard - For Runway Flange Widths of 3-3/8" - 5-1/2" for 3 Max Tons *
For Runway Flange Widths of 4" - 6-1/4" for 5 Max Tons **

Max Capacity (tons)	Max Span (ft)	Kit Number	List Price	Weight	End Truck Catalog Number	Kit Consists of:			
						Cross Shaft Support		Cross Shaft Coupling	
						Qty	Catalog Number	Qty	Catalog Number
3	15	B03/15UHG	3291	440	905369* 4' - 6" WB	1	905373	2	905374
	22	B03/22UHG	3391	442		2		2	
	29	B03/29UHG	3551	446		3		3	
	36	B03/36UHG	3650	448		4		3	
5	15	B05/15UHG	4331	520	905525** 4' - 6" WB	1		2	
	22	B05/22UHG	4431	522		2		2	
	29	B05/29UHG	4589	526		3		3	
	36	B05/36UHG	4690	528		4		3	

Spark Resistant

Max Capacity (tons)	Max Span (ft)	Kit Number	List Price	Weight	End Truck Catalog Number	Kit Consists of:			
						Cross Shaft Support		Cross Shaft Coupling	
						Qty	Catalog Number	Qty	Catalog Number
3	15	B03/15UHGSR	4952	480	905369SR 4' - 6" WB	1	905373	2	905374
	22	B03/22UHGSR	5051	482		2		2	
	29	B03/29UHGSR	5210	486		3		3	
	36	B03/36UHGSR	5310	488		4		3	
5	15	B05/15UHGSR	6603	570	905525SR 4' - 6" WB	1		2	
	22	B05/22UHGSR	6704	572		2		2	
	29	B05/29UHGSR	6861	576		3		3	
	36	B05/36UHGSR	6962	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

Components Detailed in Application Guide

* For flange widths of 5-1/2" - 8" add **\$277**
* For flange widths of 8" - 10-1/2" add **\$355**
* For patent track add **\$425**
For flange widths of 6-3/8" - 9" add **\$284
For flange widths of 9" - 11-1/2" add **\$535
For patent track add **\$734

Standard kit hand chain is zinc plated, 36' long. Additional hand chain per lineal ft. add **\$4.80**.

Spark resistant kit hand chain aluminum, 36' ft. long. Additional spark resistant hand chain per lineal ft. add **\$10.75**

Note: Bridge Beam not Included in Kit

Hand Geared Top Running Standard

Max Capacity (tons)	Max Span (ft)	Kit Number	List Price	Weight	End Truck Catalog Number	Kit Consists of:			
						Cross Shaft Support		Cross Shaft Coupling	
						Qty	Catalog Number	Qty	Catalog Number
5	15	B05/15TH	4112	500	904536 4' - 6" WB	1	904540	2	905374
	22	B05/22TH	4213	515		2		2	
	29	B05/29TH	4372	532		3		3	
	36	B05/36TH	4472	549		4		3	

Spark Resistant

5	15	B05/15THSR	10154	550	904536SR 4' - 6" WB	1	904540	2	905374
	22	B05/22THSR	9176	565		2		2	
	29	B05/29THSR	10413	582		3		3	
	36	B05/36THSR	10513	599		4		3	

Kit Consists of: 904550 Hand 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

End connection kit sold separately 51525050 **\$186** List

Standard kit hand chain is zinc plated, 36' long. Additional hand chain per lineal ft. add **\$4.80**

Spark resistant kit hand chain aluminum, 36' ft. long. Additional spark resistant hand chain per lineal ft. add **\$10.75**

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

Motor Driven with Single Drive Underhung - For Runway Flange Width of 3-3/8" - 5-1/2" **

Max Capacity (tons)	Max Span (ft)	Speed (fpm)	Kit Number	List Price		Weight		End Truck Catalog Number	Kit Consists Of:		
				1 Speed	2 Speed	1 Speed	2 Speed		Cross Shaft Support	Cross Shaft Coupling	Drive (hp)
1/4 thru 3	8	55	B03/08UC*55	4710	5006	524	544	905369 4' - 6" WB	0	2	1/2
		70	B03/08UC*70	4710	5006						
		110	B03/08UC*110	4710	5006						
	15	55	B03/15UC*55	4809	5103	544	564		1		
		70	B03/15UC*70	4809	5103						
		110	B03/15UC*110	4809	5103						
	22	55	B03/22UC*55	4910	5199	564	584		2		
		70	B03/22UC*70	4910	5199						
		110	B03/22UC*110	4910	5199						
	29	55	B03/29UC*55	5069	5352	586	606		3		
		70	B03/29UC*70	5069	5352						
		110	B03/29UC*110	5069	5352						
36	55	B03/36UC*55	5169	5448	606	626	4				
	70	B03/36UC*70	5169	5448							
	110	B03/36UC*110	5169	5448							

*Specify: 1=Single Speed
2=Two Speed

Kit Consists of: 2 End Trucks - (1 pair)
1 Motor
1 Disconnect (NEMA 1)

1 Reducer
1 Control Panel (NEMA 1)
Cross Shaft Support as noted above
Cross Shaft Coupling as noted above

Specify Voltage when ordering - Add \$330 to kit price for single phase only

Components Detailed in Application Guide

**For flange widths of 5-1/2" - 8" add \$277

**For flange widths of 8" - 10-1/2" add \$355

**For Patented Track add \$425

Motor Driven with Single Drive Underhung - For Runway Flange Width of 4" - 6-1/4"

Max Capacity (tons)	Max Span (ft)	Speed (fpm)	Kit Number	List Price		Weight		End Truck Catalog Number	Kit Consists Of:		
				1 Speed	2 Speed	1 Speed	2 Speed		Cross Shaft Support	Cross Shaft Coupling	Drive (hp)
5	8	50	B05/08UC*50	5749	6007	524	544	905525 4' - 6" WB	0	2	1/2
		65	B05/08UC*65	5749	6007						
		100	B05/08UC*100	5749	6007						
	15	50	B05/15UC*50	5850	6103	544	564		1		
		65	B05/15UC*65	5850	6103						
		100	B05/15UC*100	5850	6103						
	22	50	B05/22UC*50	5950	6200	564	584		2		
		65	B05/22UC*65	5950	6200						
		100	B05/22UC*100	5950	6200						
	29	50	B05/29UC*50	6109	6352	586	606		3		
		65	B05/29UC*65	6109	6352						
		100	B05/29UC*100	6109	6352						
36	50	B05/36UC*50	6209	6448	606	626	4				
	65	B05/36UC*65	6209	6448							
	100	B05/36UC*100	6209	6448							

*Specify: 1=Single Speed
2=Two Speed

Kit Consists of: 2 End Trucks - (1 pair)
1 Motor
1 Disconnect (NEMA 1)

1 Reducer
1 Control Panel (NEMA 1)
Cross Shaft Support as noted above
Cross Shaft Coupling as noted above

Specify Voltage when ordering - Add \$330 to kit price for single phase only

Components Detailed in Application Guide

**For flange widths of 6-3/8" - 9" add \$284

**For flange widths of 9" - 11-1/2" add \$535

**For Patented Track add \$734

Motor Driven with Dual Drive Underhung - 36' Span Kit - For Runway Flange Width of 3-3/8" - 5-1/2" **
48' Span Kit for Runway Flange Width 4"-6-1/4" †

Max Capacity (tons)	Max Span (ft)	Speed (fpm)	Kit Number	List Price		Weight		End Truck Catalog Number	Drive (hp)	
				1 Speed	2 Speed	1 Speed	2 Speed			
1/4 thru 3	36	55	B03/36UD*55	5658	6414	545	565	905369 4'-6" WB	(2) 1/2	
		70	B03/36UD*70	5658	6414					
		110	B03/36UD*110	5658	6414					
	48	55	Not Available						905380 6'-0" WB	(2) 1/2
		70	B03/48UD*70	7203	7958	645	665			
		110	B03/48UD*110	7203	7958					

***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 5-1/2" - 8" add \$277

** For flange widths of 8" - 10-1/2" add 355

** For Patented Track add 425

† For Flange Widths of 6-3/8" - 9" add 284

† For Flange Widths of 9" - 11-1/2" add 535

Motor Driven with Dual Drive Underhung With 4'-6" WB - For Runway Flange Width of 4" - 6-1/4"

Max Capacity (tons)	Max Span (ft)	Speed (fpm)	Kit Number	List Price		Weight		End Truck Catalog Number	Drive (hp)
				1 Speed	2 Speed	1 Speed	2 Speed		
5	36	50	B05/36UD*50	6697	7454	665	685	905525	(2) 1/2
		65	B05/36UD*65	6697	7454				
		100	B05/36UD*100	6697	7454				

***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" - 9" add \$284

** For flange widths of 9" - 11-1/2" add \$535

** For Patented Track add \$734

Control Panel Options

	1 Speed	2 Speed
To Eliminate Panel and Disconnect Deduct	-(1003)	-(1242)

To Upgrade to NEMA 4 - Add:	824
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Motor Driven with Single Drive - Top Running

Max Capacity (tons)	Max Span (ft)	Speed (fpm)	Kit Number	List Price		Weight		End Truck Catalog Number	Kit Consists Of:		
				1 Speed	2 Speed	1 Speed	2 Speed		Cross Shaft Support	Cross Shaft Coupling	Drive (hp)
1 thru 5	8	50	B05/08TC*50	5333	5841	529	554	904536 4' - 6" WB	0	2	1/2
		70	B05/08TC*70	5333	5841						
		100	B05/08TC*100	5333	5841						
	15	50	B05/15TC*50	5433	5940	544	569		1		
		70	B05/15TC*70	5433	5940						
		100	B05/15TC*100	5433	5940						
	22	50	B05/22TC*50	5533	6041	559	584		2		
		70	B05/22TC*70	5533	6041						
		100	B05/22TC*100	5533	6041						
	29	50	B05/29TC*50	5693	6200	576	601		3		
		70	B05/29TC*70	5693	6200						
		100	B05/29TC*100	5693	6200						
36	50	B05/36TC*50	5793	6299	591	616	4	3			
	70	B05/36TC*70	5793	6299							
	100	B05/36TC*100	5793	6299							

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

Kit Consists of: 2 End Trucks - (1 pair)
1 Motor
1 Disconnect (NEMA 1)

1 Reducer
1 Control Panel (NEMA 1)
Cross Shaft Support as noted above
Cross Shaft Coupling as noted above

End connection kit sold separately 51525050 \$186 List

Specify Voltage when ordering - Add \$330 to kit price for single phase only
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 (1½" maximum), height 40 mm minimum (1½" minimum).

Motor Driven with Dual Drive - Top Running

Max Capacity (tons)	Max Span (ft)	Speed (fpm)	Kit Number	List Price		Weight		End Truck Catalog Number	Drive (hp)	
				1 Speed	2 Speed	1 Speed	2 Speed			
1 thru 5	36	50	B05/36TD*50	6281	7047	575	615	904536 4'-6" WB	(2) 1/2	
		70	B05/36TD*70							
		100	B05/36TD*100							
	48	50	Not Available							
		70	B05/48TD*70	7197	8048	675	715	904549 6'-0" WB	(2) 3/4	
		100	B05/48TD*100							

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

Kit Consists of: 2 End Trucks - (1 pair)
2 Motors
1 Disconnect (NEMA 1)

2 Reducers
1 Control Panel (NEMA 1)

End connection kit sold separately 51525050 \$186 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

	1 Speed	2 Speed
To Eliminate Panel and Disconnect Deduct	-(1003)	-(1242)

To Upgrade to NEMA 4 - Add:	824
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Underhung

Catalog Number	Runway Beam Flange	Remarks	Wt. (lbs)	List Price
Underhung End Trucks - (1 pair)				
905369	3-3/8" - 5-1/2"	Standard - 3 ton	440	2658
905369W1	5-1/2 - 8"	Wider Flange	450	2949
905369W2	8" - 10-1/2"	Wider Flange	460	3031
905369SR	3-3/8" - 5-1/2"	Spark Resistant	440	4197
905369PT	3-1/4"	Patented Track	440	3105
905369S	3-3/8" - 5-1/2"	3'-0" Short Wheelbase	390	3446
905380	4" - 6-1/4"	6'-0" Wheelbase	540	4284
905380W1	6-3/8 - 9"	Wider Flange	550	4593
905380W2	9" - 11-1/2"	Wider Flange	560	4695
905525	4" - 6-1/4"	Standard - 5 ton	560	3752
905525W1	6-3/8 - 9"	Wider Flange	570	4051
905525W2	9" - 11-1/2"	Wider Flange	580	4316
905525SR	4" - 6-1/4"	Spark Resistant	560	5935
905525PT	3-1/4"	Patented Track	560	4525
905525S	4" - 6-1/4"	3'-0" Short Wheelbase	505	4692

Catalog Number	Description	Wt. (lbs)	List Price
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Patented Track, Spark Resistant Underhung End Trucks - (1 pair)			
905369PTSR	3 Ton Geared		4745
905525PTSR	5 Ton Geared		11338

Drive Components		Wt.	Price
905374	Cross Shaft Coupling	2	61
905373	Cross Shaft Support	20	106
904550	Hand Chain Wheel for Budgit Trucks	10	399
8282	Hand Chain 36 lineal feet	18	179
8282SR	Hand Chain 36 lineal ft. Spark Resistant	16	389

Gear Reducers				
Catalog No.	Traverse Speed		Ship Wt.	Price
	3 Ton	5 Ton		
905376	110 fpm GR - 10:1	100 fpm GR - 10:1	20	822 (each)
905377	70 fpm GR - 15:1	65 fpm GR - 15:1		
905378	55 fpm GR - 20:1	50 fpm GR - 20:1		

Electrical and Control Options		Wt.	Price
Warning Horn			746
NEMA 4 Travel Limit Switch (Trip Dogs by Others)			1165

Electronic Acceleration Control (EAC) — 115 volt control			
904596	Single Speed .75 HP Max 208-230 - 3 - 60 2 HP Max 460 - 3 - 60	10	390
904598	Two Speed .75 HP Max 208-230 - 3 - 60 2 HP Max 460 - 3 - 60		498
913186	Single Speed or Two Speed 2 HP Max 208-230-3-60		744

Bridge Brakes				
904554	3 ft. lb. Adjustable Brake	120/240 - 1 - 60	15	498 (each)
904555		230/460 - 3-60		
904556		575 - 3 - 60		

Motor Protection		Wt.	Price
TAS	Temperature Actuated Switch in Motor Winding	—	Std.
TOL	Thermal overload relays (3 phase) in enclosure	25	222

Catalog Number	Horse Power	Power Supply	Wt. (lbs)	List Price
Motor - Single Speed				
328795-32	.5 HP-1800 RPM	208-230/460-3-60	25	299
328795-33		575 - 3 - 60	25	
Motor - Half-Speed Single Speed (provides traverse speed 50% of that listed)				
328795-26	.25 HP 900 RPM	230/460-3-60	30	476
328795-27		575 - 3 - 60		
Motor - Two Speed - slow speed is one third of listed speed				
328796-24	.5/1.7 HP 1800/600 RPM	200-208-3-60	45	571
328796-25		230 - 3 - 60		
328796-26		460 - 3 - 60		
328796-27		575 - 3 - 60		
Motors - Single Phase - single motor - single speed only				
328797-22	.5 HP 1800 RPM	115/230 - 1 - 60	30	605

Catalog Number	Description	Wt. (lbs)	List Price
Control Panels - Single Speed - (3 ph Underhung)			
44600313	460v - 3 ph - 60 Hz - 905386	20	735
44600314	575v - 3 ph - 60 Hz - 905387	20	
44600311	208-230v - 3 ph - 60 Hz (1 hp) - I.D.	50	
Control Panels - Single Phase - (1 ph Underhung)			
44600305	115v - 1 ph - 60 Hz - 905364	20	791
44600315	230v - 1 ph - 60 Hz - 905365		
Control Panels - Two Speed - (3 ph Underhung)			
44600343	460v - 3 ph - 60 Hz - 905398	25	986
44600344	575v - 3 ph - 60 Hz - 905399	25	
44600351	208-230v - 3 ph - 60 Hz (1 hp) - I.D.	50	

Fused Disconnect Switch - Standard		Wt.	Price
905388	208-230v - 3 ph - 60 Hz	10	222
905389	460-575v - 3 ph - 60 Hz		321
Fused Disconnect Switch - Single Phase			
905366	115v - 1 ph - 60 Hz	10	262
905367	230v - 1 ph - 60 Hz		

Weatherproofing (add for each enclosure)		Wt.	Price
NEMA 4/12	Watertight and dust-tight for indoor and outdoor service.....	20	375
NEMA 7 or 9	Apply to factory	—	—

Bridge Bumpers		Wt.	Price
932000	Rubber Bumpers - Underhung	20	85

Air Motor Drive Package		Wt.	Price
51526501	Includes air motor, gear reducer, control head with pendant throttle and hose assembly with 8 ft. hose drop. Traverse speed approx. 70 fpm. Requires catalog 902967 filter-regulator-lubricator mounted near air motor. For additional pendant hose over 8'- 0" Add per foot	115	3883
			10.45

Top Running

Catalog Number	Description	Wt. (lbs)	List Price
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Top Running End Trucks - (1 pair)

904536	Standard	450	3314
904536SR	Spark Resistant Wheels	450	9674
904536S	3' - 0" Short Wheelbase	395	4104
904549	6' - 0" Wheelbase	550	3843
904549SR	Spark Resistant Wheels	550	9906

Drive Components

904540	Cross Shaft Support	20	106
905374	Cross Shaft Coupling	2	61
904550	Hand Chain Wheel	10	399
8282	Hand Chain	18	179
8282SR	Spark Resistant Hand Chain	16	389

Gear Reducers

905376	Traverse Speed 100 fpm GR - 10:1	20	822 (each)
905377	Traverse Speed 70 fpm GR - 15:1		
905378	Traverse Speed 50 fpm GR - 20:1		

Electrical and Control Options	Wt.	Price
Warning Horn		746
NEMA 4 Travel Limit Switch (Trip Dogs by Others)		1165

Electronic Acceleration Control (EAC) — 115 volt control			
904596	Single Speed .75 HP Max 208-230 - 3 - 60 2 HP Max 460 - 3 - 60	10	390
904598	Two Speed .75 HP Max 208-230 - 3 - 60 2 HP Max 460 - 3 - 60		498
913186	Single Speed or Two Speed 2 HP Max 208-230-3-60		744

Ballast Resistors (single drive only)				
905391	SS and 2S	208-230 - 3 - 60	10	328
905392	SS and 2S	460 - 3 - 60		
905393	SS and 2S	575 - 3 - 60		

Bridge Brakes				
904554	3 ft. lb. Adjustable Brake	120/240 - 1 - 60	15	498 (each)
904555		230/460 - 3-60		
904556		575 - 3 - 60		

Motor Protection		Wt.	Price
TAS	Temperature Actuated Switch in Motor Winding	—	Std.
TOL	Thermal overload relays (3 phase) in enclosure	25	222

Air Motor Drive Package		Wt.	Price
51526501	Includes air motor, gear reducer, control head with pendant throttle and hose assembly with 8 ft. hose drop. Traverse speed approx. 70 fpm. Requires catalog 902967 filter-regulator-lubricator mounted near air motor. For additional pendant hose over 8' - 0" Add per foot	115	3883
			10.45

Catalog Number	Horse Power	Power Supply	Wt. (lbs)	List Price
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Motors - Single Speed

328795-32	.5 HP-1800 RPM	208-230/460-3-60	25	299
328795-33		575 - 3 - 60		
328795-42	.75 HP-1800 RPM	208/230/460-3-60	25	354
328795-43		575-3-60		

Motors - Half-Speed Single Speed

(provides traverse speed 50% of that listed)

328795-26	.25 HP 900 RPM	208-230/460-3-60	30	476
328795-27		575 - 3 - 60		

Motors - Two Speed - slow speed is one third of listed speed

328796-24	.5/.17 HP 1800/600 RPM	200-208-3-60	45	571
328796-25		230 - 3 - 60		
328796-26		460 - 3 - 60		
328796-27		575 - 3 - 60		
328796-34	.75 HP-1800/600 RPM	200-208-3-60	45	673
328796-35		230-3-60		
328796-36		460-3-60		
328796-37		575-3-60		

Motors - Single Phase - single motor - single speed only

328797-22	.5 HP 1800 RPM	115/230 - 1 - 60	30	605
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Catalog Number	Description	Wt. (lbs)	List Price
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Control Panel -Single Speed (3 ph Top-Run)

44600326	208-230v - 3 ph - 60 Hz - 904541	20	735
44600383	460v - 3 ph - 60 Hz - 904542		
44600384	575v - 3 ph - 60 Hz - 904543		
44600329	208-230v - 3 ph - 60 Hz - 3/4 hp motor	20	798
44600327	460v - 3 ph - 60 Hz - 3/4 hp motor		
44600328	575v - 3 ph - 60 Hz - 3/4 hp motor		

Control Panel - Two Speed (3 ph Top-Run)

44600336	208-230v - 3 ph - 60 Hz - 904546	25	996
44600393	460v - 3 ph - 60 Hz - 904547		
44600394	575v - 3 ph - 60 Hz - 904548		
44600339	208-230v - 3 ph - 60 Hz - 3/4 hp motor	25	1058
44600337	460v - 3 ph - 60 Hz - 3/4 hp motor		
44600338	575v - 3 ph - 60 Hz - 3/4 hp motor		

Control Panel - Single Phase Single Speed (1 ph Top-Run)

44600305	115v - 1 ph - 60 Hz - 904544	20	791
44600315	230v - 1 ph - 60 Hz - 904545		

Fused Disconnected Switch

Standard				
905388	208-230v - 3 ph - 60 Hz	10	222	
905389	460-575v - 3 ph - 60 Hz	10	321	
Single Phase				
905366	115v - 1 ph - 60 Hz	10	262	
905367	2304v - 1 ph - 60 Hz			

Weatherproofing (add for each enclosure)		Wt.	Price
NEMA 4/12	Watertight and dust-tight for indoor and outdoor service.....	20	375
NEMA 7 or 9	Apply to factory	—	—

Bridge Bumpers		Wt.	Price
932000	Rubber Bumpers - Underhung	20	85

One & Two Speed NEMA 4/12 Panels with Built in Disconnect (Standard NEMA1 Panels & Disconnects are on pages 34 & 45) For Bridge Traverse Motions

Price Includes;

<u>Feature</u>	<u>1 h.p.</u>
NEMA 4/12 Panel	20 X 16 X 8.8"
Mainline Contactor	30 Amp**
Control Transformer	115V/75VA
Disconnect with Panel Mounted Handle	30 Amp**
Fuses	Yes
Hinge Point	Horizontal at bottom of panel

List Prices For:							
1 - Speed Panels							
Maximum Total H.P.	230 volts	Catalog Number	460 volts	Catalog Number	575 volts	Catalog Number	Weight (lbs)
1	1601	444231-21	1601	444231-41	1601	444231-51	75
2 - Speed Panels							
Maximum Total H.P.	230 volts	Catalog No.	460 volts	Catalog No.	575 volts	Catalog No.	Weight (lbs.)
1	1659	444232-21	1659	444232-41	1659	444232-51	85

** 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;

<u>Feature</u>	<u>1 h.p.</u>
Electromotive	P3
CMAA Service Class	C
NEMA 4/12 Panel	20 X 16 X 8.5
Control Steps	2-step or 3-step infinitely variable
Mainline Contactor	30 Amp
Control Transformer	75VA
Disconnect with Panel Mounted Handle	30 Amp
External Dynamic Braking Resistor	Yes
Fuses	Yes
Hinge Point	Horizontal at bottom of panel

Power Supply	Maximum Total H.P.	Maximum Full Load Amps	Wt. (lbs)	Catalog Number	List Price
230 Volts	1	5.0	50	44855021	2566
460 Volts	1	3.4		44855041-41	2672
230 Volts	2	8.0		448550-22	2775
460 Volts	2	3.4		448550-42	2672

Not available in 575 volt

Consult factory for ¾ hp dual drive end trucks

Tractor & Accessories **
Single unit for Monorail Hoists
Capacities to 5 Tons

Capacity	Speed	Catalog Number	Price
2000	35	BTD-235	2478
	55	BTD-255	
	70	BTD-270	
	105	BTD-2105	
3000	35	BTD-335	
	55	BTD-355	
	70	BTD-370	
	105	BTD-3105	
5000	35	BTD-535	
	55	BTD-555	
	70	BTD-570	
6000	35	BTD-635	
	55	BTD-655	
10000	35	BTD-1035	

Standard unit is adjustable for standard I-beams and flat flange beams from 3.38" to 8" wide.

Tractors to operate on curved beams (36" minimum radius or larger) requires flangless wheels and guides rollers. Add **\$482** to list price.

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

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

Prices are for three phase, for single phase see *Options & Accessories*.

Standard voltage is 230/460/3/60

Tractor Options & Accessories	Price
Motor Brake	621
24V Controls (inlieu of standard 115V)	169
Mainline Contactor (does not include button)	336
Motor Fuses, Holder, Enclosure	366
Soft-start With Enclosure	552
4-Button Push Assembly	418
6-Button Push Assembly	608
8-Button Push Assembly	731
Extra Pushbutton cable (includes strain relief) Per ft.	5.20
Delete 2-button pendant station, deduct	-74
Delete single speed controls, deduct	-218
Twin unit for Underhung Bridges* (3 phase power only)	4652
NEMA 4 Panel	308
Single Phase (not available on 35 fpm models)	374
2 Speed Adder (not on 35 fpm)	838
Patented Track (straight track only)	118
12" Tow Bar	118
Drop Lug	223
575/3/60	145

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

* When ordering, add "T" in front of single unit catalog number.

Example: TBTD-235

Note: Not CSA Approved

Note: 575/3/60 not ULC listed

**USA Manual Chain Hoist
Catalog Number Modifications**

The following list of USA Manual chain hoist catalog numbers are Budgit standard models.			
8259	8261B	8262	8263B
8259E	8261C	8262B	8263SR
8259Z	8261D	8262D	8263Z
8260	8261G	8262SR	8264Z
8260Z	8261SR	8262Z	8266
8261	8261Z	8263	8307

If any USA Manual Chain hoist is ordered other than the standard above, the following model numbers will appear on the hoist and box.

USA 01

USA
USA Manual
Chain Hoist

01
Capacity
25 = 1/4 ton
50 = 1/2 ton
01 = 1 ton
15 = 1½ ton
02 = 2 ton
03 = 3 ton
04 = 4 ton
05 = 5 ton
06 = 6 ton

Capacities ¼ to 6 tons - Metric Rated Except for Spark Resistant Models

Equipped with Hook Latches. Standard lift is 8 ft. Hand chain can drop approximately 1½ ft. above fully extended hook. Load Limiter Standard.

Standard Models (Hook Suspended Models)								
Catalog Number	Lifting Capacity (tons)	Price	Extra for Each Additional Foot of Lift			Net Wt. (lbs)	Lift (ft)	
			Load & Hand Chain	Load Chain Only	Hand Chain Only Per Foot of Drop			
8260	¼	808	20.50	11.34	9.16	25½	8	
8261	½	808	20.50	11.34	9.16	25½		
8262	1	949	23.98	14.17	9.81	33½		
8259	1½	1298	25.41	15.60	9.81	50		
8263	2	1454	25.41	15.60	9.81	50		
8264	3	2010	41.00	31.19	9.81	75		
8265	4	2419	41.00	31.19	9.81	75½		
8266	5	2855	56.60	46.79	9.81	105		
8267	6	2876	56.60	46.79	9.81	106		
Spark & Corrosion Resistant Models (Hook Suspended)								
Catalog Number	Lifting Capacity (tons)	Price	Extra for Each Additional Foot of Lift *			Net Wt. (lbs)		Lift (ft)
			Load & Hand Chain	Load Chain Only	Hand Chain Only Per Foot of Drop			
8260SR	¼	1803	87.59	53.92	33.67	25½		8
8261SR	½	1803	87.59	53.92	33.67	25½		
8262SR	1	1950	75.17	53.92	21.25	33½		
8259SR	1½	2473	101.32	80.07	21.25	50		
8263SR	2	2586	101.32	80.07	21.25	50		
8264SR	3	4657	181.41	160.16	21.25	75		
8265SR	4	5068	181.41	160.16	21.25	75½		
8266SR	5	6885	261.48	240.23	21.25	105		
8267SR	6	6918	261.48	240.23	21.25	106		

*Hand chain for ¼ and ½ ton spark resistant model units is everdur bronze, while the standard hand chain for spark resistant 1 - 6 ton models is aluminum. Standard hand chain drop is approximately 1½ feet above the full extended load hook.

Load Chain Option

Specify for plated load chain in Hand Chain Hoists.



Notice: MILITARY SPECIFICATIONS — BUDGIT Aluminum Chain Blocks and Track Clamps are on the Qualified Products List QPL-904 for military specifications. Contact factory for prices and delivery. FURNISH COMPLETE ORDERING DATA REQUIREMENTS.

Series USA Lug Mounted Models (Hoist Only) - Metric Rated Except for Spark Resistant Models

Catalog Number	Capacity (tons)	Lug Mounted Hoist Price	Extra for Each Add'l Foot of Lift		
			Load & Hand Chain	Load Chain Only	Hand Chain Only Per Foot of Drop
Lug Mounted Models (Must add Rigid Mount Trolley)					
8301	1/4	1023	20.50	11.34	9.16
8302	1/2	1023	20.50	11.34	9.16
8303	1	1156	23.98	14.17	9.81
8300	1-1/2	1370	25.41	15.60	9.81
8304	2	1460	25.41	15.60	9.81
8305	3	2090	41.00	31.19	9.81
8306	4	2289	41.00	31.19	9.81
8307	5	3038	56.60	46.79	9.81
8308	6	3072	56.60	46.79	9.81
Spark & Corrosion Resistant Models (Must add Rigid Mount Trolley)					
8301SR	1/4	1927	87.59	53.92	33.67
8302SR	1/2	1927	87.59	53.92	33.67
8303SR	1	2199	75.17	53.92	21.25
8300SR	1-1/2	2919	101.32	80.07	21.25
8304SR	2	3013	101.32	80.07	21.25
8305SR	3	4865	181.41	160.16	21.25
8306SR	4	5015	181.41	160.16	21.25
8307SR	5	6508	261.48	240.23	21.25
8308SR	6	6553	261.48	240.23	21.25

Notice: MILITARY SPECIFICATIONS BUDGIT Aluminum Chain Blocks and Track Clamps are on the Qualified Products List QPL-904 for military specifications. Contact factory for prices and delivery. **Furnish complete ordering data requirements.**

Note: If trolley drop stops are needed, please use pricing for heavy duty trolleys listed on page 18.

Standard lift is 8'-0".

Standard hand chain drop is approximately 1½ ft. above the fully extended load hook.

Series USA Army-Type Trolley Hoists - Metric Rated Except for Spark Resistant Models

Capacities ¼ to 6 Tons

Standard lift is 8'

Standard hand chain drop is approximately 1½ ft. above the fully extended load hook.

Push Type – Standard Models						
Catalog Number	Capacity (tons)	Net Wt. (lbs)	Price	Extra for Each Additional Foot of Lift		
				Load & Hand Chain	Load Chain Only	Hand Chain Only Per Foot of Drop
8310	¼	42	1229	20.50	11.34	9.16
8311	½	42	1229	20.50	11.34	9.16
8312	1	60-1/2	1465	23.98	14.17	9.81
8313	1½	98-1/2	1799	25.41	15.60	9.81
8314	2	98-1/2	1889	25.41	15.60	9.81
8315	3	150	2681	41.00	31.19	9.81
8316	4	250-1/2	3172	41.00	31.19	9.81
8317	5	280	4258	56.60	46.79	9.81
8318	6	281	4291	56.60	46.79	9.81
Push Type – Spark and Corrosion Resistant Models						
Catalog Number	Capacity (tons)	Net Wt. (lbs)	Price	Extra for Each Additional Foot of Lift		
				Load & Hand Chain	Load Chain Only	Hand Chain Only Per Foot of Drop
8310SR	¼	42	3851	87.59	53.92	33.67
8311SR	½	42	3851	87.59	53.92	33.67
8312SR	1	60-1/2	4390	75.17	53.92	21.25
8313SR	1½	98-1/2	5336	101.32	80.07	21.25
8314SR	2	98-1/2	5430	101.32	80.07	21.25
8315SR	3	150	6892	181.41	160.16	21.25
8316SR	4	250-1/2	7043	181.41	160.16	21.25
8317SR	5	280	9358	261.48	240.23	21.25
8318SR	6	281	9403	256.90	235.66	21.25

Load Chain Option

Specify for plated load chain in Hand Chain Hoists.

Hand chain for ¼ and ½ ton spark resistant model units is everdur bronze, while the standard hand chain for spark resistant 1-6 ton models is aluminum. Standard hand chain drop is approximately 1½ feet above the fully extended load hook. Trolley spark resistant hand chain is aluminum.

Series USA Army-Type Trolley Hoists - Metric Rated Except for Spark Resistant Models Capacities ¼ to 6 Tons

Hand-Geared Type – Standard Models						
Catalog Number	Capacity (tons)	Net Wt. (lbs)	Price	Extra for Each Additional Foot of Lift		
				Load & Hand Chain	Load Chain Only	Hand Chain Only Per Foot of Drop
8321	½	67	1828	29.66	11.34	18.32
8322	1	76-1/2	1960	33.79	14.17	19.62
8323	1½	112-1/2	2316	35.22	15.60	19.62
8324	2	112-1/2	2406	35.22	15.60	19.62
8325	3	165	3295	50.81	31.19	19.62
8326	4	265-1/2	3775	50.81	31.19	19.62
8327	5	295	5108	66.41	46.79	19.62
8328	6	296	5141	66.41	46.79	19.62

Hand-Geared Type – Spark & Corrosion Resistant Models						
Catalog Number	Capacity (tons)	Net Wt. (lbs)	Price	Extra for Each Additional Foot of Lift		
				Load & Hand Chain	Load Chain Only	Hand Chain Only Per Foot of Drop
8321SR	½	67	4719	121.28	53.92	67.35
8322SR	1	76-1/2	4744	96.41	53.92	42.49
8323SR	1½	112-1/2	5091	122.56	80.07	42.49
8324SR	2	112-1/2	5185	122.56	80.07	42.49
8325SR	3	165	7540	202.65	160.16	42.49
8326SR	4	265-1/2	7690	202.65	160.16	42.49
8327SR	5	295	10273	282.72	240.23	42.49
8328SR	6	296	10318	282.72	240.23	42.49

Note: If trolley drop stops are needed, please use pricing for heavy duty trolleys listed on page 18.

Trolleys included as standard for 1-3 ton capacities do not have drop stops as an option. To price for drop stops, use lug mounted hoist price and add price of heavy duty rigid mount trolleys listed on page 18 and include drop stop adder.

Standard lift is 8'-0" standard hand chain drop is approximate 1½ ft. above fully extended load hook.

Chain Containers

For USA Hoists - Standard

For USA Hoists - Spark Resistant

Catalog Number	Net. Wt. (lbs)	Max. Lift in ft. Container Will Accommodate					Price	Catalog Number	Net. Wt. (lbs)	Max. Lift in ft. Container Will Accommodate					Price
		¼ & ½ Ton	1 Ton	1½ & 2 Ton	3 & 4 Ton	5 & 6 Ton				¼ & ½ Ton	1 Ton	1½ & 2 Ton	3 & 4 Ton	5 & 6 Ton	
902741	5	15	10	-	-	-	115	902759	5	15	10	-	-	-	465
902742	8	25	20	-	-	-	159	902760	8	25	20	-	-	-	471
902743	10	40	30	-	-	-	194	902761	10	40	30	-	-	-	556
902744	15	55	45	-	-	-	380	902765	9	-	-	15	8	-	471
902745	20	75	65	-	-	-	577	902766	14	-	-	30	15	10	556
902750	9	-	-	15	8	-	151	902767	20	-	-	40	20	13	667
902751	14	-	-	30	15	10	161	902768	22	-	-	65	32	21	714
902752	20	-	-	40	20	13	419	902762	22	55	45	-	-	-	658
902753	36	-	-	66	33	23	441	444326-21	22	-	-	90	45	30	785
902754	40	-	-	90	45	30	717								

Note: When ordering give catalog Number, capacity and length of lift for hoist that is to be used on. Apply to factory for longer lifts.

* Trolley mounted hoists only.

Series USA Army Type Trolley Hoists Only

Beam Flange Adjustment							
Capacity (tons)	Standard Flange Adjustment (in)	Extended Adjustment - With Add to Standard				Patented Track Add to Standard	
		1st Extension Flange Adjustment (in)	Price	2nd Extension Flange Adjustment (in)	Price	Flange Adjustment (in)	Price
1/4 — 1/2	2-5/8 — 4-5/8	5-1/4 — 7-3/8	147	—	—	3-1/4 — 4-1/16	329
1	3 — 5	5-1/4 — 7-3/8		—	—		344
1-1/2 — 2	3-3/8 — 6	6-1/4 — 8-7/8		9 — 11	217		413
3	3-3/8 — 6	6-1/8 — 8-7/8		9 — 11	217		413
4	4 — 6-1/4	6-3/8 — 8-5/8		8-3/4 — 11	217		413
5 — 6	4 — 6-1/4	6-3/8 — 8-5/8		8-3/4 — 11	217		413

Budgit USA Only

Hand Operated Hoists

Description	Price Add
Special Finish — Plating, Coating or Paint	722
Stainless Steel I.D. Tags	142
Rigid Mount To Hook Suspension Adapter, for Attachment of Hook Suspension Hoist to Rigid Mount Trolley	
1 Ton, Catalog No. 900791, 4-1/3" Headroom*	293
2 Ton, Catalog No. 900792, 4-3/4" Headroom*	353
3 Ton, Catalog No. 900793, 5-3/8" Headroom*	383
Mag Partical Test - per hook	254

*Headroom measurement is from Beam to Saddle

Eye Bolt Suspension

Description	Price Add
BUDGIT Aluminum Hand Chain Hoist - 1/4 thru 2 Ton..	127
BUDGIT Steel Frame Chain Hoist — 1/4 thru 2 Ton.....	101

Carrying Case for USA Hoists

Catalog No.	Price
98.....	117

Hand Chain Options

The hand chain on all BUDGIT products of standard design is zinc-plated hand chain. Plated hand chain provides a corrosion-resistant finish for outdoor and other corrosive applications and reduces friction against the walls of the chain guide. Less effort is required to raise and lower loads.

The hand chain on the BUDGIT Series USA Spark Resistant "SR" ¼ and ½ ton models is Everdur Bronze while all other BUDGIT Spark Resistant "SR" hoists and geared trolleys have aluminum hand chain.

Bronze hand chain is a spark and corrosion-resistant material providing greater protection for the more corrosive and hazardous atmospheres.

It can be added to standard BUDGIT hand chain hoists and trolleys. Add to the hoist as follows:

Capacity (tons)	Bronze Hand Chain Adder	Price Per Ft Of Drop
¼ & ½	add to plated steel	26.26
1 – 1½ & 2	add to aluminum	26.26
1 Thru 12	add to plated steel	40.49

When ordering longer than standard chain drop, include both price for standard drop and price for each additional foot of drop.

For bronze or spark resistant hand chain on Steel Frame hoists and Low Headroom hoists as well as Cast Iron Wheel Model P geared trolleys, apply to factory.

Notice: MILITARY SPECIFICATIONS - BUDGIT Aluminum Chain Blocks and Track Clamps are on the Qualified Products List QPL-904 for military specifications. Contact factory for prices and delivery. FURNISH COMPLETE ORDERING DATA REQUIREMENTS.

Bullard Hook Price Additions

Bullard Hook For:	Price Add	
	Upper	Lower
BUDGIT Hand Chain Hoist		
1/4 and 1/2 Ton.....	203	140
1 Ton.....	203	140
2 Ton.....	221	190
3 Ton.....	221	221
4 Ton.....	578	578
5 Ton.....	692	692
6 Ton.....	785	785
BUDGIT Steel Frame Chain Hoist	Apply to Factory	

Note: Spark resistant bullard hooks not available.

Track Clamps

Note: When ordering, give complete I-beam dimensions and include Trolley Hoist Catalog Number, capacity and length of lift.

Catalog Number	Description	Price
51547201	For Aluminum Frame Chain Hoists*.....	2713

*Above price for clamp with connecting bar for use with BUDGIT Aluminum Army Type Trolley Hoists. Apply to factory for other applications.

For longer than standard 5' - 0" hand chain drop, add \$8.76 per ft.

Load Chain Option

Specify for plated load chain in Hand Chain Hoists

Hoists without Load Chain

Budgit Electric Chain Hoists
Budgit Hand Chain Hoists

General

For the Prompt delivery of hoists with custom length lifts from distributor inventory, the "Z" hoist program offers the following:

1. The availability of BUDGIT Hand Chain Hoists without load chain.
2. The availability of load and hand chain in bulk lengths.
3. Eliminating the return of standard length load chain to the factory, saving the distributor the freight and handling expense.

Objective

The objective of the program is to increase the flexibility of our distributor stocks and create added sales by providing off-the-shelf delivery by developing the capability of our distributors to provide long lift hoists. The "Z" hoist program is designed to supplement a responsible distributor's inventory by shipping the popular model BUDGIT electric chain hoists. The hand chain hoists have standard hand chains installed and the electric chain hoists will have the standard pendant drops installed. The BUDGIT hoists will be identified with the suffix "Z" when it is to be shipped less load chain.

How the "Z" Hoist helps the distributor

1. The distributor can order one or more "Z" hoists in the popular capacity models, as listed on pages 57 through 58 and have an unchained hoist in stock ready for immediate installation of long length chains.

How the "Z" Hoist Program Works

1. How to Order: All orders for prepackaged chain should be sent the normal way through the Customer Service Department. Order by catalog number as shown on pages 57-58.

A. Electric and Hand Chain Hoists: Use the regular catalog numbers, except add the final suffix "Z". The suffix "Z" will always indicate that the hoist has **no load chain** but will have the standard pendant drop or standard length hand chain drop installed.

2. What Hoists Should Distributors Stock:

- A. Standard BUDGIT Electric Chain Hoists in capacities 1/2 through 3 ton.
- B. Standard BUDGIT Hand Chain Hoists in capacities 1/2 through 6 ton, hook suspension models only.

It is not the purpose of the program to have the distributor stock only one or two standard length hoists or only "Z" hoists. As in the past, based on historical sales records of hoists, various lengths should continue to be stocked, since the lowest cost to the distributor is to ship from the shelf without opening the box.

Different ways that long lift hoist can be obtained

1. Hoists may continue to be ordered with long lifts from the factory.
2. Run bulk chain into stock or "Z" hoists to obtain desired chain lengths.
3. Distributors requiring long lifts, in short lead time situation and who do not have bulk packaged chain, may order chain in less than the package lengths from their local service station at the suggested discount of 10% for load chain and 15% for hand chain lengths.

Chain Reeving of "Z" Model Hoists

Refer to reeving instruction manuals for proper information for preparing and cutting load chain and instructions for reeving load chain into various models and capacities of your "Z" Model hoists. The instructions for modifying load chain length on chain blocks are also provided. For reeving instructions, consult the following:

Instruction No. 113534-72 Reeving Instructions BUDGIT Hand Chain Hoists.

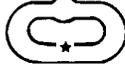
O & M Manual 113535-12 BUDGIT Manguard Electric Hoist

Testing the "Z" Model Hoist

The various component parts of "Z" model hoists have all been pretested. The hoist was tested complete at factory before chain and lower block removal for shipment. All factory supplied chain has been proof tested. Therefore, proper assembly only need be checked and proper hoist operation observed after reeving by using a test load of 50 pounds or more per part of chain.

Direct any questions concerning this program to your local field representative, who is always available for help.

Electric Hoists and Air Hoists

Hoist Catalog Number And Capacity	Description	Identifying Symbols	Identifying Symbols Effective 7/1/96
1/4 and 1/2 Ton BUDGIT Electric and all BUDGIT 2000 Series Air Hoists	Alloy Link Chain Natural Color 1/4" Bar Diameter	★ or 	
1, 2, 3 and 5 Ton BUDGIT Electric Hoists and Series 6000 Air Hoists	Alloy Link Chain Natural Color 5/16" Bar Diameter	★ or 	
1/4 and 1/2 Ton BUDGIT Electric Hoists and 1/4, 1/2 and 1 Ton BUDGIT Air Hoists	5/8 Pitch, RC625 Riveted Hoist Roller Chain Including Four (4) Riveted Connecting Links	RC-625 or 625	RC-625 or 625
1 and 2 Ton BUDGIT Electric Hoists	3/4 Pitch, H6 Riveted Hoist Roller Chain Including Four (4) Riveted Connecting Links	H-750 or H-6	H-750 or H-6
Budgit Hand Chain Hoists			
Catalog 8260 (1/4 Ton), & 8261 (1/2 Ton)	Alloy Link Chain Natural Color — 1/4" Bar Diameter		
Catalog 8262 (1 Ton)	Alloy Link Chain Natural Color — 9/32" Bar Diameter	 or 	
Catalog 8259 (1-1/2 Ton), & 8263 (2 Ton) (Also fits 1-1/2 — 10 Ton Models)	Alloy Link Chain Natural Color — 3/8" Bar Diameter	 or 	
Tugit Lever Operated Hoists	NOTE: Identification markings appear on links (every 12-18 inches) as per example at right		
Catalog 234 (3/4 Ton)	Alloy Link Chain Natural Color — 1/4" Bar Diameter		
Catalog 230 (1 Ton), 245 (1-1/2 Ton, & 240 (2 Ton)	Alloy Link Chain Natural Color — 9/32" Bar Diameter	 or 	
Catalog 291 (1-1/2 Ton, 292 (3 Ton), 293 (1-1/2 — 3 Ton), (4-1/2 Ton) & 295 (6 Ton)	Alloy Link Chain Natural Color — 5/16" Bar Diameter	★ or   or 	

Hand Chain Hoists - Hand Chain

Catalog Number	Capacity (tons)	Description	Feet of Chain In Package	Wt (lbs)	Catalog Number	Price
8260 & 8261 260 & 261	¼ - ½	Hand Chain 1/0-3/0 Plated	200' with 10 Everdur Connecting Links	85	910102	943.54
8262-8263 264-269	1 - 10	Hand Chain 15/64 Plated	200' with 10 Everdur Connecting Links	100	910112	1011.01
360 - 369 4301 - 4323 913630 - 913645	¼ - 10	Hand Chain 15/64 Natural Color	250'	116	85927	1650.00
		Hand Chain 15/64 Natural Color	500'	228	85006	3300.00

Hand Chain Hoists - Load Chain

USA Spark Resistant	1 - 6	Hand Chain Stainless Steel	200'	88	C93755	4742.39
8260 & 8261	¼ - ½	Alloy Link Chain Natural Color 1/4" Bar Diameter	150'	90	910121	1752.07
			300'	180	910122	3504.13
8262	1	Alloy Link Chain Natural Color 9/32" Bar Diameter	150'	120	910131	2190.08
			300'	240	910132	4380.19
8259 & 8263 Hoist fits models	1½ - 10	Alloy Link Chain Natural Color 3/8" Bar Diameter Alloy Link Chain Natural Color 1/4" Bar Diameter	150'	200	910151	2410.07
			300'	395	910152	4820.13
360 - 361 4301 - 4302/4311 - 4312 913630 375, 334 Lever Hoist	¼ - ½ ¼ - ½ ¼ - ½ ¾	Alloy Link Chain Natural Color 1/4" Bar Diameter	250'	152	85928	3450.00
			500'	304	85007	6900.00
362, 4303, 4315 913631	1	Alloy Link Chain Natural Color 9/32" Bar Diameter	200'	183	85930	3320.00
			500'	458	85008	8300.00
359 - 369 4300 - 4323 913632 - 913645	1½ - 10 1 - 12 1½ - 6	Alloy Link Chain Natural Color 3/8" Bar Diameter	200'	274	85932	3760.00
			500'	688	85010	9400.00

Catalog Number	Budgit Part Number	Zinc Plated
910102	203992-4	—
910112	204013-1	
910121 & 910122	209159-1	209159-3
910131 & 910132	200626-1	200626-3
910151 & 910152	200656-1	200656-3
910141 & 910142	209156-1	209156-3
910125 & 910126	208778-1	208778-3
910172	No 896	
910183	No 901	

Bulk Chain Part Number Cross Reference

Electric or Air Hoist - Load Chain

Hoist Catalog Number And Capacity	Description	Feet of Chain In Package	Wt. (lbs)	Catalog Number	Price
1/4 and 1/2 Ton BUDGIT Electric and BUDGIT Series 2000 Air hoists	Alloy Link Chain Natural Color	150'	95	910125	2212.50
	1/4" Bar Diameter	300'	185	910126	4646.25
1, 2 & 3 Ton BUDGIT Electric & Series 6000 Air Hoist	Alloy Link Natural Color	150'	145	910141	3039.75
	5/16" Bar Diameter	300'	285	910142	6079.50
1/4 and 1/2 Ton BUDGIT Electric 1/4, 1/2 and 1 Ton BUDGIT Air Series 2000	5/8 Pitch, RC625 Riveted Hoist Roller Chain including four (4) Riveted Connecting Links RC625 Riveted Link RC625 Spring End Link	50'	40	910172	1489.45
		Box of 24	2	910201	126.30
			2	910205	126.30
1 and 2 Ton BUDGIT Electric Hoist	3/4 Pitch, H6 Riveted Hoist Roller Chain In- cluding four (4) Riveted Connecting Links H6 Riveted Link H6 Spring End Link	50'	60	910183	1666.60
		Box of 24	2	910202	126.30
			2	910206	126.30
1, 2, 3 & 5 ton BUDGIT Electric Chain Hoists	Pendant cable for single speed electric hoists	500'	86	931210	2320.00

Plated Link Load Chain available in bulk - Consult Factory

Value Priced Test Stand

Catalog Number	Description	Weight Lbs	Price
1200	Hydraulic - Hand Operated	496	10176

Standard Clearance DiagramsNo Charge

Standard clearance diagrams apply to cataloged models in the Budget price book not including optional features or accessories.

Clearance Diagrams for Engineered Products 56.00 Net

Clearance diagrams which require additional labeling including specific lifts, optional or special features, customer name, order number, etc. that are not included in the standard drawings. The diagrams will be a unique drawing for each hoist, trolley and chain container combination. Drawings will show general configuration of overall dimensions. They will be done in CAD and provided on an 8½ x 11" bond paper, which is suitable for reproduction on any standard copy machine, so there is no need for reproducibles, such as sepias or mylars.

Wiring DiagramsNo 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 10.00 Net

- BUDGIT Electric Hoists
- BUDGIT Air Chain Hoists
- BUDGIT Motor Driven Trolleys
- BUDGIT Air Motor Driven Trolleys

Bridge Crane Components 10.00 Net

- Top Running & Underhung, Single Girder
- Bridge Crane Kits, Push, Hand Geared or, Motor Driven

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)No Charge

CMCO will perform and certify its standard load tests for hoists. Testing will be in accordance with ANSI B30.16.

Hook Gage Marks 105.55 Net

Damascus Manuals 10.00 Net

Clearance Diagrams and Parts & Service Manuals are available online at www.cmworks.com

Checklist for Manual Chain Hoist

Hoist Model Number
Lift Requirements – 8' Standard *
Hand Chain Drop – 6' - 6" Standard
Suspension – Hook
 Lug – Plain Trolley
 Handgeared Trolley – Standard Hand Chain Drop is 6' - 6"
Spark & Corrosion Resistant
Plated Load Chain
Chain Bucket
Overload Device (Standard on USA Models)

* On higher capacity long lift hoists take note on the hand chain overhaul in feet to lift load one foot.

Checklist for Lever Hoist

Hoist Model Number
Lift Requirements – 4' - 6" Standard
Plated Load Chain
Overload Device – Redline Model "R" is in front of the Catalog Number

Checklist for Manual Trolleys

Trolley Model Number
Suspension – Hook Type
 Lug – Plain Trolley
 Handgeared Trolley – Standard Hand Chain Drop is 9' - 6"
Spark Resistant Features (if required)
Beam size Trolley is to run on Straight Monorail or Curve (Radius Requirements Needed)

Checklist for Electric Chain Hoist

Hoist Model Number
Lift Requirements – Maximum Recommended Lift (**7 x Lift Speed**)
Electric Hoists with lifts over 90', a lug mounted trolley is recommended
Lift Speed – Single or Two Speed
Suspension – Hook
 Lug – For Plain or Handgeared Trolley
 Lug – For Motor Driven Trolley
Voltage – Need to Specify for Two Speed
Indoor Service – Standard
Outdoor Service – Weatherproofing Adder (includes plated chain) or Cover
Pendant Drop – If other than Standard Lift on Hook Mount, Lug Suspension for Plain & Handgeared Trolleys. Hoists with Motorized Trolleys, the Pendant Cable is Added to the Trolley, instead of the Hoist. See Trolley Options.
Type of Trolley – Check Beam Size and Radius Requirements (if any)
 Plain
 Handgeared – Standard Hand Chain Drop is 9' - 6"
 Motorized – Standard Pushbutton Drop is 7'
 Indoor – Standard
 Outdoor – NEMA 3R, NEMA 4
Recommended Adders – Mainline Disconnect panel for Monorail Hoist.
Two speed Hoist require a different trolley from a Single Speed Hoist. When ordering for a Bridge Crane you will need fusing, and Extra Pushbuttons to operate the Crane if the Pushbutton is from the Hoist.
Pushbutton deduct is for the hoist with Motorized Trolley only.
Chain Bucket
Electrification for Monorail Hoist
 Cord Reel
 Retractable Cord
 Festooned Conductor System C-track Supported
 Festooned Conductor System Wire rope Supported
 Conductor Kits figure 8 Bar
 Spring type Slide Collectors Required, Collector Pole & Bracket Required on Trolley.

Checklist for Air Chain Hoists

Hoist Model Number

Lift Requirements – 10' Standard – Maximum lift of 6000 Series Air Hoist is **(7 x Lift Speed)**

Air chain Hoists with lifts over 90', a lug mounted hoist is recommended.

Lift Speed

Suspension – Check Beam Size and Radius Requirements (if any)

Hook

Lug – Handgeared – 9' - 6" Standard Hand Chain Drop

Push Type

Air Motor Driven Trolley

Pull Cord Drop – Included in Additional Lift Price

Pendant Drop – 6' Standard

2200 Series – Maximum Pendant Drop 72'

6000 Series – Maximum Pendant Drop 36'

Spark Resistant Features

Plated Load Chain Option

Air Motor Driven Trolley – Check Beam Size and Radius Requirements (if any)

Standard Pendant Drop is 6'

Maximum Pendant Drop is 36'

Spark Resistant Features

Chain Bucket

Air Supply Hose

Air Hose Trolleys

Wire Rope Festoon System

Filter – Recommended

Lubricator – Recommended

Regulator – Recommended if air Supply is over 90 PSI

Recoil Air Hose

Nylon coated Cable Recommended

Checklist for Electric Bridge Cranes

End Trucks – Check runway beam size for underhung bridges

Gear Reducer

Motor

Controls – Indoor – Standard

Outdoor – NEMA 3R NEMA 4/12

NEMA 4X and 7 available upon request

Fused Disconnect Switch – Indoor – Standard

Outdoor – NEMA 3R, NEMA 4/12,

NEMA 4X and 7 available upon request

Cross Shaft Support

Cross Shaft Coupling

Bumpers

Bridge Electrification

Runway Electrification

Collector Pole & Bracket

Main Collectors

Some Recommended Optional Equipment

Electronic Acceleration Control

Bridge Brake

Items needed to be added to Electric Hoist for Electric Bridge Crane

Fuses

Extra Pushbuttons to Operate Bridge Crane (4 additional buttons needed)

Tow Arm – Use Catalog Number 931103

115 Control voltage on Hoist

Hoist

Capacity _____
Lift _____
Lift Speed _____
Voltage _____ or Air Supply _____
Headroom Requirements _____
Type of Suspension
 Lug _____ Hook _____
Spark Resistance (Air/Manual only) _____

Options

Weatherproofing _____
Plated Load Chain _____
Chain Bucket _____
Monorail Electrification _____
Air Host _____
Filter & Lubricator _____
Special Paint _____

Trolley

Type of Trolley
 Plain _____
 Handgeared _____
 Motorized _____
 Voltage _____ or Air Supply _____
 Pendant Drop _____
Trolley Speed _____
Spark Resistance (Air/Manual only) _____
Beam Size to Run on _____ Beam Radius _____

Options

2 Speed _____
Trolley Brake _____
Weatherproofing _____
Ballast Resistors _____
Electronic Acceleration Control _____
Extra Pushbuttons _____
Extra Hand Chain Drop _____
Wide Flange Adjustment _____
Collector Pole & Bracket _____
Collectors _____
Trolley Locking Clamp _____
Special Paint _____
Fuses _____
Mainline Disconnect Panel _____

Bridge Crane

Capacity _____ (5 ton Max.)
Span _____ (36' - 0" Max.)
Top-Running _____ Runway Rail to Run on _____
Underhung _____ Beam to Run on _____
Bridge Movement
 Push Pull _____
 Handgeared _____
 Hand Chain Drop _____
 Motorized _____
 Bridge Speed _____
 Voltage _____
 Control Enclosure (NEMA 1 Standard) _____
 Disconnect Enclosure (NEMA 1 Standard) _____
Bridge Electrification _____
Runway Electrification _____
Runway Length _____
Pushbutton From Hoist (Extra Pushbuttons Required) _____

Hoist for Bridge

Capacity _____
Lift _____
Headroom Requirements _____
Lift Speed _____
Voltage _____
Trolley Type
 Plain _____
 Handgeared _____
 Motorized _____
 Trolley Speed _____

See Hoist Specification Sheet for Hoist & Trolley Options.

Bridge Components Options

Electronic Acceleration Control _____
2 Speed Motors & Controls _____
Ballast Resistors _____
Bridge Brake _____
Motor Protection _____
Weatherproofing _____
Main Collector _____
Wide Flange Adjustment _____

CMCO TERMS

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

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

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

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

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

Discounts are subject to change without notice.

PRICES MAY BE SUBJECT TO ADDITIONAL SURCHARGE AT TIME OF ORDER

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

Restocking and Order Cancellation Charges:

35% Charge – If no offsetting order

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

Special Product Returns and Cancellation Requests:

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

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

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

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

General Product Returns:

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

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

Stock Adjustment/Slow Moving Inventory Returns:

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

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

General Return Frequency and Offsetting Order Parameters:

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

b) Hoist Parts Returns:

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

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

c) Load Chain Returns:

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