



Columbus McKinnon chain hoists



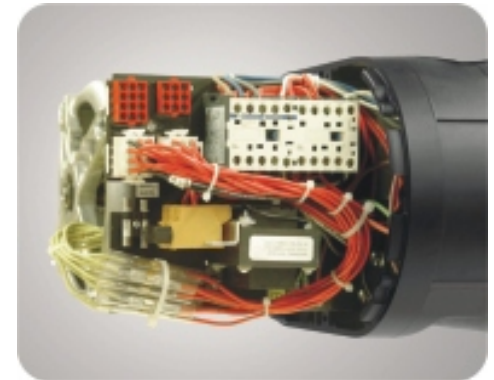
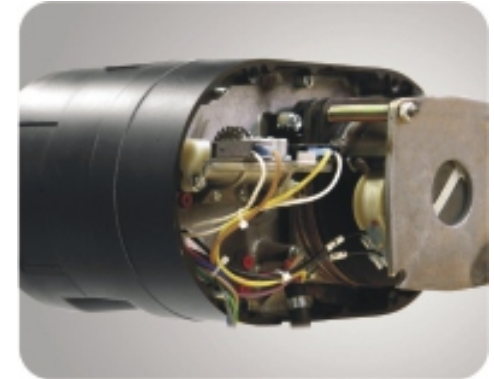
Lodestar



Prostar

Total Structures is an Entertainment Master Distributor for America's favorite chain hoist. With on the shelf inventory, in house technicians, competitive pricing, regular motor schools and a sales team with over 30 years of product experience, we are your best choice when it comes to filling your lifting needs. In addition to hoists, Total Structures carries several lines of motor control, cabling, and rigging hardware, providing you with a complete system solution. From production houses, resellers, and end users to architects and specifiers, Total Structures can help you accomplish your jobs with the best equipment for your application.

A vast range of CM products are available including a multitude of spares and accessories. Featured opposite are the specifications for the most popular hoists used globally in the temporary structures market, the "riggers choice" Lodestar and the increasingly popular and renowned baby brother, the Prostar.





Lodestar

Prostar

Overview

The CM Lodestar is the most durable chain hoist on the market today. It's reliability is unsurpassed in the entertainment industry. The CM Lodestar is the "rigger's choice".

Overview

The CM Prostar models are designed and built for the unique rigging applications encountered at small venues. Lightweight, quiet and portable, the CM Prostar features an overload device that protects the operator and structure from damaging overloads.

Features

- Capacities - ¼ to 2 tons- Higher capacities available if required.
- Speeds - 8 - 64 ft per minute.
- Lift - 60ft standard. Any other on request.
- Magnetic contactor allows operation in either motor up or motor down installation. (Note - New Item)
- Black Powdercoat finish - For low visibility and durability
- Load chain - Zinc plated load chain protects against corrosion. Optional black finish available.
- Adjustable limit switch - Prevents loads from over travel.
- Voltages - Three Phase 460V/230V 60 Hz as standard with other three phase and single phase units available.
- Voltage Board - Quick change plugs prevent improper voltage connections that can cause damage to the hoist. If misconnected, hoist will not operate. No other component changes required.
- Electrical - Finger safe wiring meets all electrical codes.
- Low voltage control - 110V for long cable runs without voltage drop. 24V and 48V optional. Direct control units also available.
- Optional CM Alloy Latchlok Hooks - Locking Hooks released only by operator.
- Overload protection - Helps prevent lifting of dangerous overloads.
- Silent Star - Optional silent type brake available (also available as retro fit).
- Double brake - Optional double brake available.

Features

- Capacities - 300 to 1000lbs.
- Speeds - 8 - 40 ft per minute
- Lift - 60ft standard. Any other on request
- Black Powdercoat finish - For low visibility and durability
- Magnetic contactor allows operation in either motor up or motor down installation.
- Voltages - Three Phase 230V 60Hz as standard with other three phase and single phase voltages available.
- Compact design.
- Light weight. 500 Lb body weighs less than 29 lbs.
- Low voltage control - 110V for long cable runs without voltage drop. 24V and 48V optional. Direct control units also available.
- Quiet and smooth.
- Overload protection - Helps prevent lifting of dangerous overloads.
- Chain stop - Mounted on chain prevents over-travel.

Technical data

Capacity (Tons)	Model	No of Chains	Lift Speed ft/min	H.P.	Headroom	Housing Dim. (Inches)			Weight (Less Chain) lbs	Chain Weight (lbs per ft)	Operating Voltage	Full Load Amps
						H	W	L				
1/4	B	1	16	1/4	16 1/4	6 5/8	8 3/4	18 3/4	57	0.85	230/460-3-60	1.8/1.1
1/4	C	1	32	1/2	16 1/4	6 5/8	8 3/4	18 3/4	62	0.85	230/460-3-60	1.7/1.2
1/2	F	1	16	1/2	16 1/4	6 5/8	8 3/4	18 3/4	62	0.85	230/460-3-60	1.7/1.2
1/2	J	1	32	1	18 5/8	7 7/8	12 5/8	20 1/4	101	1.1	230/460-3-60	3.8/2.3
1/2	JJ	1	64	2	18 5/8	7 7/8	12 5/8	20 1/4	105	1.1	230/460-3-60	11.3/6
1	L	1	16	1	18 5/8	7 7/8	12 5/8	20 1/4	101	1.1	230/460-3-60	3.8/2.3
1	LL	1	32	2	18 5/8	7 7/8	12 5/8	20 1/4	105	1.1	230/460-3-60	11.3/6
2	R	2	8	1	24 1/8	7 7/8	12 5/8	20 1/4	110	1.1**	230/460-3-60	3.8/2.3
2	RR	2	16	2	24 1/8	7 7/8	12 5/8	20 1/4	114	1.1**	230/460-3-60	11.3/6
1/4	B	1	16	1/4	16 1/4	6 5/8	8 3/4	18 3/4	57	0.85	115-1-60	5.2
1/4	C	1	32	1/2	16 1/4	6 5/8	8 3/4	18 3/4	62	0.85	115-1-60	8
1/2	F	1	16	1/2	16 1/4	6 5/8	8 3/4	18 3/4	62	0.85	115-1-60	8
1/2	J	1	32	1	18 5/8	7 7/8	12 5/8	20 1/4	101	1.1	115-1-60	13
1	L	1	16	1	18 5/8	7 7/8	12 5/8	20 1/4	101	1.1	115-1-60	13
2	R	2	8	1	24 1/8	7 7/8	12 5/8	20 1/4	110	1.1**	115-1-60	13

** Requires double chain, therefore multiply by 2 per ft of lift
 Other capacities up to 3 Tons and other speeds available upon request.
 Other voltages including 220V single phase and 575V three phase available upon request.

Technical data

Capacity (Tons)	Product Code	No of Chains	Lift Speed ft/min	H.P.	Headroom	Housing Dim. (Inches)			Weight (Less Chain) lbs	Chain Weight (lbs per ft)	Operating Voltage	Full Load Amps
						H	W	L				
300	2042S	1	16	1/6	11 5/8	4	6	12 1/2	28.6	0.24	230-3-60	1.2
300	2074E	1	40	1/6	11 5/8	4	6	12 1/2	28.6	0.24	230-3-60	1.2
500	2127S	1	16	1/4	11 5/8	4	6	12 1/2	28.6	0.24	230-3-60	1.6
600	2045S	2	8	1/6	11 5/8	4	6	12 1/2	33	0.24**	230-3-60	1.2
1000	2129S	2	8	1/6	11 5/8	4	6	12 1/2	33	0.24**	230-3-60	1.2
300	2049S	1	16	1/6	11 5/8	4	6	12 1/2	28.6	0.24	115-1-60	3.6
500	2018S	1	12	1/6	11 5/8	4	6	12 1/2	28.6	0.24	115-1-60	3.6
600	2048	2	8	1/6	11 5/8	4	6	12 1/2	33	0.24**	115-1-60	3.6

** Requires double chain, therefore multiply by 2 per ft of lift
 Other capacities and speeds available upon request.
 Other voltages including 415V three phase and 220V single phase units available upon request.