



HOIST PRODUCT GUIDE

- ELECTRIC CHAIN
- AIR CHAIN
- HAND CHAIN
- LEVER HOISTS
- SPECIALTY HOISTS
- TROLLEYS
- ACCESSORIES

ELECTRIC CHAIN



LODESTAR 1/8 to 3 ton

- Standard Rigid Hook Suspension
- Standard Fabric Chain Container
- Robust DC Electric Brake
- Quieter Operation
- Dual Certified: CSA / US
- Exceeds H4 Requirements
- Lifetime warranty



CLASSIC LODESTAR 1/8 to 3 ton

- Available with hook, lug, plain, geared or motorized trolley
- Adjustable limit switch
- Proven AC Electric Brake
- Available in single, two, or variable speeds
- Meets H4 Requirements
- Lifetime warranty



MAN GUARD 1/4 to 3 ton

- In-Stock, Ready to Ship
- Standard Rigid Hook Suspension and Composite Chain Container
- Easy access to AC Electric Brake
- Superior load control with optional VFD
- H4 Duty Motor



LODESTAR XL 2 to 7 1/2 ton

- Forged 10 pocket oblique-lay liftwheel
- Overload protection
- Adjustable limit switches
- Available in single, two, or variable speeds
- H4 Duty Rating
- Metric rated
- Lifetime warranty



POWERSTAR 2 to 15 ton

- H4 Duty Rating
- Dual braking system
- Variable speed models available
- Wide range of lifting speeds
- Adjustable limit switches
- Metric rated
- Lifetime warranty



VALUSTAR 1/4 to 2 ton

- Overload protection
- Hook suspension standard
- Fully machined and heat treated gear train
- Metric rated
- One year warranty

AIR CHAIN



SHOPSTAR 250 to 1000 lbs.

- Single reeved units weigh less than 30 lbs.
- Lifting speeds up to 40 feet per minute
- H4 Duty Rating
- Metric rated
- Lifetime Warranty



SHOPAIR 250 to 1000 lbs.

- Lifting speeds up to 31 feet per minute
- Normal operating air pressure is 90 PSI
- Gear train is lifetime lubricated
- Metric rated
- Lifetime warranty



XL AIR 2 to 7 1/2 ton

- Forged 10 pocket oblique-lay liftwheel
- Overload protection
- Air actuated motor brake
- Spark resistant models
- Metric rated
- Lifetime Warranty



AIRSTAR 1/4 to 1 ton

- Limit lever prevents over-travel in both directions
- Spark-resistant models available
- Metric rated
- Lifetime warranty



AIRSTAR 6 1/2 to 3 ton

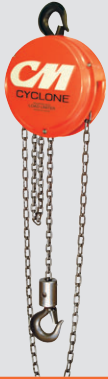
- Positive action, spring biased Weston-type load brake holds the load & provides exacting load spotting and control
- Spark-resistant models available
- Metric rated
- Lifetime warranty



TMM 140 300 lbs.

- Weighs only 20 lbs.
- Handle-mounted pendant control for one-handed operation and load positioning
- Precise speed control for accurate load spotting
- Lifetime Warranty

HAND CHAIN



CYCLONE 1/4 to 10 ton

- Standard load limiter for overload protection
- Two-stage gear reduction with machined and hardened gears provides stable lifting and dependability
- Metric rated
- Lifetime warranty



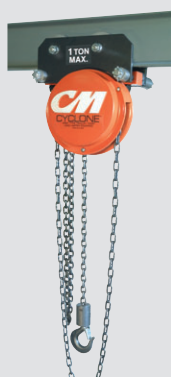
HURRICANE 360° 1/2 to 10 ton

- Patented chain guide rotates 360° for operation in any direction to keep operator away from the load
- Standard overload limiter
- Metric rated



622 SERIES 1/2 to 10 ton

- Lightweight steel construction
- Weston-type load brake requires no lubrication
- Easy to install, even in tight quarters (low headroom)
- Metric rated



CYCLONE ARMY TYPE 1/4 to 12 ton

- Low headroom models available
- Universal trolley wheels for flat or I-beam
- Overload limiter
- Metric rated
- Lifetime warranty

LEVER HOISTS



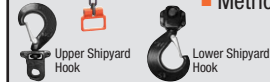
602 & 603 SERIES 550 to 1100 lbs.

- Overall length 11 inches
- Free chaining feature serves to quickly attach the load
- Weston-type load brake
- Rubber hand grips for better comfort and security
- Metric rated



653 SERIES 3/4 to 6 ton

- Impact resistant, stamped steel frame
- Simple one-handed, free chaining for fast load attachment
- All metal surfaces are plated for outdoor operation
- Metric rated



PULLER 3/4 to 6 ton

- Weather proof brake
- Optional overload device
- Metric rated
- Lifetime warranty



SHORT HANDLE PULLER 3/4 to 3 ton

- Easy one-hand operation
- Optional load limiter device
- Lifetime brake disc
- Metric rated
- Lifetime warranty



RIGGER LEVER HOIST 3/4 to 1 1/2 ton

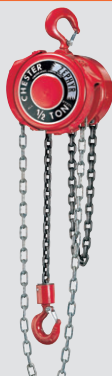
- Ratchet, driving pawl and loading pawl for positive load control
- Metric rated

SPECIALTY HOISTS



LOW HEADROOM CHAIN 1 to 24 ton

- Worm gear driven for smooth, quiet, trouble-free operation
- Redundant limit switches for both upper and lower hook travel
- One year warranty



ZEPHYR MANUAL HOIST 1/2 to 25 tons

- Fast acting Weston style brake provides smooth, positive load handling
- Army type trolley hoist available
- Spark resistant models
- One year warranty



ZEPHYR SWIVEL TRUCK 1/4 to 6 ton

- Efficient on runways located close to walls
- Great from patented monorail, especially when required for use with switches, turntables and interlocks
- One year warranty

SPECIALTY HOISTS



ZEPHYR LOW HEADROOM

1 1/2 to 24 ton

- Designed for limited head room applications
- Minimum distance from bottom of I-beam to hook only 6 1/4" for smallest capacities
- One year warranty

TROLLEYS



SERIES 632

1/4 to 3 ton

- Exclusive Dial-Fit collar quickly adapts trolley to wide range of beams and patented rails
- Lightweight
- Negotiates radius curves as tight as 7-10 inches
- Lifetime Warranty



SERIES 633

1/2 to 5 ton

- Frames connected by steel equalizer pin, secured by two nuts on each side
- Rugged steel side plates formed to include bumpers and trolley guards
- Fits wide range of beam applications



CBT

1/4 to 5 ton

- Plain and geared models available
- Wrap ground side plates
- Economical
- Metric rated
- Lifetime Warranty



SERIES 84A

1/2 to 25 ton

- Heavy duty steel side frames extend beyond the wheels to provide these trolleys with maximum strength, rigidity, and added protection for the trackwheels
- Available in both plain and geared versions



RAILSTAR

1/8 to 3 ton

- Lifetime lubricated double row ball bearings for high efficiency and low maintenance
- Four-button control station included for operating single hoist proportioned to 20 ft. lift



TRACTOR DRIVE

Up to 5 ton

- Monorail trolley track or twin unit synchronized drives available
- Squirrel cage motor with permanently lubricated bearings

ACCESSORIES & PRODUCTS

- Bridge Crane Kits
- Jib Cranes
- LodeRail™ Systems
- Chain Containers
- Cord Reels
- Festooning Packages
- Bronze Wheels / Hooks
- Zinc Plated Chain / Hooks
- Variable Speed Control
- Stainless Steel Chain
- NEMA Push Button Stations
- Infrared Remote Control
- Cady Spreader Beams
- Plate Clamps
- Binders
- Herc Alloy Chain Slings
- Hooks
- Shackles
- Hammerlocks
- Hoist Rings

In addition to the strong knowledge base exemplified by comprehensive training programs, Columbus McKinnon is one of the only manufacturers supplying complete lifting systems to satisfy unique material handling requirements of users in a variety of environments. From jib cranes and hoists to chain slings, clamps, and related attachments; systems include products that are matched specifically to the lifting needs of the application. Products may also be modified in order to ensure that the proper system is in place for the job.

Whether your needs call for a single electric chain hoist or a completely engineered system to outfit your production facility, Columbus McKinnon provides the products and expertise to keep your workforce productive and safe.



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