HOIST PRODUCT GUIDE
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| **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 | - 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 | - 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**    | - 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 | - Dual braking system  
                    - Variable speed models available  
                    - Wide range of lifting speeds  
                    - Adjustable limit switches  
                    - Metric rated  
                    - Lifetime warranty | - Overload protection  
                    - Hook suspension standard  
                    - Fully machined and heat treated gear train  
                    - Metric rated  
                    - One year warranty |
| **SHOPSTAR**      | - Single reeved units weigh less than 30 lbs.  
                    - Lifting speeds up to 40 feet per minute  
                    - H4 Duty Rating  
                    - Metric rated  
                    - Lifetime Warranty | - Lifting speeds up to 31 feet per minute  
                    - Normal operating air pressure is 90 PSI  
                    - Gear train is lifetime lubricated  
                    - Metric rated  
                    - Lifetime warranty | - Forged 10 pocket oblique-lay liftwheel  
                    - Overload protection  
                    - Air actuated motor brake  
                    - Spark resistant models  
                    - Metric rated  
                    - Lifetime Warranty |
| **SHOPAIR**       | - Lifting speeds up to 40 feet per minute  
                    - Normal operating air pressure is 90 PSI  
                    - Gear train is lifetime lubricated  
                    - Metric rated  
                    - Lifetime warranty | - 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 | - Weighs only 20 lbs.  
                    - Handle-mounted pendant control for one-handed operation and load positioning  
                    - Precise speed control for accurate load spotting  
                    - Lifetime Warranty |
| **AIRSTAR**       | - Limit lever prevents over-travel in both directions  
                    - Spark-resistant models available  
                    - Metric rated  
                    - Lifetime warranty | - 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 | - Weighs only 20 lbs.  
                    - Handle-mounted pendant control for one-handed operation and load positioning  
                    - Precise speed control for accurate load spotting  
                    - Lifetime Warranty |
| **AIRSTAR 6**     | - 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 | - 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 | |
| **XL AIR**        | - Lifting speeds up to 40 feet per minute  
                    - Normal operating air pressure is 90 PSI  
                    - Gear train is lifetime lubricated  
                    - Metric rated  
                    - Lifetime warranty | - 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 | - Weighs only 20 lbs.  
                    - Handle-mounted pendant control for one-handed operation and load positioning  
                    - Precise speed control for accurate load spotting  
                    - Lifetime Warranty |
| **TMM 140**       | - Robust DC Electric Brake  
                    - Quieter Operation  
                    - Dual Certified: CSA / US  
                    - Exceeds H4 Requirements  
                    - Lifetime warranty | - 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 | - 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

**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

### LEVER 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
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.