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Lodestar electric chain hoist manual

H4 Duty makes hoist ideal for heavy-duty industrial applications. Gearing designed for exceptionally long life and quiet operation. Gear train lifetime lubricated with non-oxidizing grease. Hoist duty motor, standard overload protection device and standard screw-type limit switches Hardened, forged-steel, latch-type hooks and Hoist alloy load chain for long, dependable service Precision machined and hardened liftwheel with hardened chain guides to ensure chain fits tightly and securely in liftwheel. Voltage board allows you to quickly change from low voltage to high voltage by simply repositioning the receptacle Easy to install and maintain with no special tools required for disassembly. Made in the USA and comes with a lifetime warranty Each hoist is thoroughly inspected and tested to over 125% of rated load prior to shipment Harsh environment hoists available for rugged applications, including plating, galvanizing and washdown applications Capacities: 1/8 to 2 tons (Metric Rated) Lift: 60 ft. standard (other lifts available) Speeds: 5 to 100 F.P.M. at 60 Hz. Voltages: 1-phase and 3-phase available An Ingress Protection (IP) Rating of 66 indicates that the Lodestar Classic offers protection from dust and high-pressure water - making this unit ideal for use in outdoor environments. Composite cord grips prevent water from entering the motor body at the pendant and power cord points of entry while continuous Gaskets create a waterproof seal between gearbox assembly and back frame and motor covers. O-Rings on Lift Wheel Bearing prevent water from entering the body through the lift wheel opening. Standard AC brake is designed for a long service life. Lifetime grease-lubricated gear box ensures better wear and smooth operation.

Heavy-duty-rated motors. Standard external chain guide helps extend chain life. 110 volt for long cable runs without voltage drop. 24 and 48 volt optional. Single-phase and three-phase also available. Overload protector helps prevent lifting of dangerous overloads. Adjustable limit switch prevents load from over-travel in both up and down directions. Durable and strong cast-aluminum housing is black powder coated for low visibility. H-4 duty rated for heavy-duty applications. 2M+ FEM class. 50% duty cycle or 300 on/off per hour. Metric Ready. Road ready, easy to stow and travel. Lifetime warranty. Capacities: 1/8 to 2 tons Standard Lift: 60 feet (other lifts available) Speeds: 5 to 100 feet/min. Voltages: 1-phase and 3-phase 5 Pocket Lift Wheel improves chain wear & smooth lifting Clutch Outside Gear Train meets international standards Precision Helical Gearing for quieter operation Redesigned Control Panel for easier access & fuse installation Helical design for long wear life and smooth operation. Columbus McKinnon brand Star Grade chain is zinc plated to protect against corrosion. 2-ton, single-reeved units feature 10 mm load chain as standard. Optional black finish available. Finger safe wiring meets all electrical codes. Quick change plugs allow for Voltages 208 through 480. Prevents improper voltage connections which can cause hoist damage. (Low Voltage Unit Only) Adjustable screw limit switch that will automatically stop the hook at any predetermined point when either lifting or lowering, preventing overtravel. (Low Voltage Unit Only) Designed for a long service life, the brake location allows for quick access & easy inspection.



110 Volt for long cable runs without voltage drop. 24 & 48 Volt optional. (Low Voltage Unit Only) Cast aluminum. Black powder-coated finish for low visibility. 2M+ FEM class. 50% Duty Cycle or 300 on/off per hour. Designed to prevent lifting of excessive overloads. Helps prevent lifting of dangerous overloads. Metric Rated. IP66 Rated. Meets Requirements: meets or exceeds world standards. Road Ready: easy to stow and travel. Lifetime Warranty: the industry's best.

Easy access to the Clutch, Motor, Electrical Control Panel and Brake Assembly. Lifetime grease-lubricated Gear Box and helical gearing ensures efficient operation. Heavy duty rated motors. Hoist workmanship backed by a lifetime warranty. 80% reduction in sound pressure as compared to the classic Lodestar. Clutch is located outside the load path which prevents slipping of the load in an overload condition when brake is not powered. 5 Pocket Lift Wheel provides better chain and lift wheel engagement for smoother lifting and reduced vibration - which equates to less wear and a longer chain life. Zinc plating to protect chain from environmental conditions. With finger-safe wiring and plug and play connectors, the Control Panel allows for quick voltage change, access to terminal strips and simple fuse installation. Lodestar exceeds H4 requirements, engineered for high duty cycles and the toughest applications.

Lifetime grease-lubricated Gear Box means no changing and disposing of hazardous oil. Documented RoHS compliance.

Shipped in boxes made of recycled material. Fabric chain container and rigid hook suspension standard on every Lodestar. Lifetime Warranty. Metric rated. CSA/US National Recognized Testing Laboratory (NRTL). Made in the USA.