



LODESTAR®

ELECTRIC CHAIN MOTOR

2-TON, SINGLE-REEVED

The CM® entertainment Lodestar® is now available as an economical 2-ton, single-reeved unit that's ideal for a variety of lifting applications. And, because it's a single-reeved unit, overall weight is decreased, making it easier to transport and rig compared to a traditional double-reeved unit.

BENEFITS & FEATURES

IP 66 RATING

An Ingress Protection (IP) Rating of 66 indicates that the Lodestar offers protection from dust and high-pressure water – making this unit ideal for use in outdoor environments.

HIGH-PERFORMANCE COMPOSITE CORD GRIPS

Prevent water from entering the motor body at the pendant and power cord points of entry.

CONTINUOUS GASKETS

Create a waterproof seal between the gearbox assembly and the back frame and motor covers.

O-RINGS ON LIFT WHEEL BEARING

Prevent water from entering the motor body through the lift wheel opening.

EASY TO TRANSPORT & RIG

With less chain than double-reeved units, the 2-ton, single-reeved Lodestar is lighter, making it easier to transport and rig.

ZINC PLATED LOAD CHAIN

Designed and manufactured in the USA by Columbus McKinnon, our 10 millimeter, zinc-plated Star Grade load chain protects against corrosion.

IMPROVED CHAIN LIFE

5-pocket lift wheel provides better chain and lift wheel engagement for smoother lifting and reduced vibration, equating to less wear and a longer chain life.

LESS MAINTENANCE & EASIER INSPECTION

- Brake location allows for quick access and easy inspection.
- Lifetime grease-lubricated gear box means no oil change is required.
- Clutch located outside the gear box allows for easy access, which eliminates the need for complete disassembly and reduces downtime.

IMPROVED SERVICEABILITY

Easy access to the clutch, motor, electrical control panel and brake assembly.

METRIC RATED

EASY-ACCESS CONTROL PANEL

Finger-safe wiring and plug-and-play connectors on the control panel allow for quick voltage change, easy access to terminal strips and simple fuse installation.

LONGER SERVICE LIFE

- Heavy-duty DC brake is designed for a long service life.
- Lifetime grease-lubricated gear box and helical gearing ensures better wear and smooth operation. Heavy-duty-rated motors.

IMPROVED LOAD SAFETY

Clutch is located outside the load path, preventing slipping of the load in an overload condition when the brake is not powered.

ADJUSTABLE LIMIT SWITCH

Easy-to-adjust screw limit switch automatically stops the hook at any predetermined point when either lifting or lowering, preventing overtravel.

OVERLOAD PROTECTOR

Helps prevent lifting of dangerous overloads.

STANDARD ROTATABLE LIMIT SWITCH

Designed for quick reset of limit position.

LIFETIME WARRANTY

The industry's best warranty against manufacturing and material defects.

SWIVEL OR RIGID HOOK SUSPENSION AVAILABLE



NEW HIGH-PERFORMANCE COMPOSITE CORD GRIPS



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OPTIONAL FEATURES

DIRECT CONTROL

Direct Control allows multiple motor units to be operated with a single control.

D8+

Meets all Standard VPLT SR 2.0/SQP2 requirements.

BGV-C1

Meets all standard C1 and DIN 56950 requirements.

VARIABLE SPEED DRIVE (VFD)

DOUBLE DC BRAKE

Two independent acting DC Brakes for redundant braking. Field installation kit available.

PRIMARY & SECONDARY TRANSFORMER FUSING



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