



LODESTAR[®] D8+

ELECTRIC CHAIN MOTOR

**TÜV SÜD
CERTIFIED**



CAPACITIES 1/2 -2 ton	LIFT Up to 184 feet	SPEED 8 - 64 ft/min	VOLTAGES 3 phase available
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The Lodestar D8+ meets all 2018 SQP2 requirements and is the only product on the market certified to meet this standard by TÜV SÜD. Made in the USA, the Lodestar D8+ ensures the highest level of safety for permanent applications and global tours. Designed to suspend loads without the need for secondary support, saving cost, time, and labor in rigging.

The clutch, outside the load path, acts as a precise overload device; and design factor is 8:1 with a double brake installed. The zinc plated or Black Phosphate Star Grade EN chain satisfies EN818-7 standards. The Lodestar D8+ comes in capacities 1/2 to 2 ton (contact factory for higher capacities), speeds 8 to 64 feet/min, up to 184 feet of lift and available with 3 phase.

IP66 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.

CLUTCH

Clutch outside of gear train meets international standards. Designed to prevent damage to the hoist by preventing excessive overloads.

5 POCKET LIFT WHEEL

For quiet & smooth operation.

PRECISION HELICAL GEARING

Designed for long life and smoother operation.

REDESIGNED CONTROL PANEL

Provides easier access.

HEAVY DUTY DC BRAKE

Designed for long service life, the brake location allows for quick access and easy inspection.

LOW VOLTAGE CONTROL

110 Volt for long cable runs without voltage drop. 24 and 48 volt optional.

DUTY CYCLE

H-4 duty rated for heavy duty application.

ELECTRICAL

Finger safe wiring meets all electrical codes Quick change plugs allow for voltages 230 through 460. Prevents improper voltage connections which can cause hoist damage.

ADJUSTABLE LIMIT SWITCH

Adjustable limit switch that automatically stops the hook at any predetermined point when lifting or lowering, preventing overtravel.

METRIC RATED LOAD CHAIN

Designed and manufactured by Columbus McKinnon. Zinc plated to protect against corrosion. Black phosphate finish optional.

METRIC RATED MEETS REQUIREMENTS

Meets or exceeds all world standards.

ROAD READY

Easy to stow and travel.

THE INDUSTRY'S BEST LIFETIME WARRANTY

SPECIFICATIONS

Model	Load Capacity	Lifting Speed fpm (mpm)	Operating Voltage	FEM Class	Chain Weight/Model Length of Lift		Load Chain EN 818-7	Full Load Amps	Reeving	Motor hp (kW)	Protection Class
	Tons (kg)				lb/ft	kg/m	in(mm)				
F	1/2 (500)	16 (4.9)	230/460-3-60	2m	0.59	0.87	1/4 (6.3)	2.2/1.3	1	0.5 (0.4)	IP66
JJ	1/2 (500)	64 (19.5)	230/460-3-60	2m	0.94	1.40	5/16 (7.9)	7.9/5.0	1	2 (1.5)	IP66
L	1 (1000)	16 (4.9)	230/460-3-60	2m	0.94	1.40	5/16 (7.9)	3.7/2.2	1	1 (0.75)	IP66
LL	1 (1000)	32 (9.7)	230/460-3-60	2m	0.94	1.40	5/16 (7.9)	7.9/5.0	1	2 (1.5)	IP66
R	2 (2000)	8 (2.4)	230/460-3-60	2m	1.88	2.80	5/16 (7.9)	3.7/2.2	2	1 (0.75)	IP66
RR	2 (2000)	16 (4.9)	230/460-3-60	2m	1.88	2.80	5/16 (7.9)	7.9/5.0	2	2 (1.5)	IP66