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## ALL PRODUCTS

### [Electric Chain Motors](#)

Lodestar Classic  
Lodestar  
Lodestar D8+  
Lodestar BGV-C1 Series  
ShowPro  
Prostar

### [Manual Hoists](#)

Hurricane 360°  
Series 622  
Series 653  
Series 602 & 603  
Cable Lever  
GT Series

### [Trolleys & Clamps](#)

Plain & Geared  
Series 632  
VTE  
Beam Clamps

### [Rigging](#)

Screw Pin  
Shoulder Eye Bolts  
Tumbuckles  
Eye Swivels  
Cable Reels  
Wire Rope Thimble  
Wire Rope Clip  
Wire Rope Grips

### [Chain](#)

STAC  
Grade 100  
Grade 30  
360° Rigging System  
Lap Links  
Quick Links

### [Winches](#)

SW-E Standard  
Model RPE  
SW-K-LB Galvanized  
SW-K-LB-VA S. Steel  
SW-W Wall-Mounted  
SW-W-GO Wall-Mounted  
DSR Sheaves

### [Linear Actuators](#)

Linear Actuators

### [Screw Jacks](#)

Screw Jacks

## LODESTAR BGV-C1 SERIES ELECTRIC CHAIN MOTOR

The Lodestar BGV-C1 Series meets the BGV-C1 German regulation for entertainment rigging. Available with fixed or variable speed, the Lodestar BGV-C1 can be adapted to reach a System Integrity Level 3 (SIL3).\*

### KEY FEATURES

**Capacities:** 250 to 1000 kg

**Standard Lift:** 60 feet (other lifts available)

**Speeds:** 16 to 100 feet/min.

**Electro-Mechanical Double Brakes**

**5 Pocket Lift Wheel**  
for quiet & smooth operation.

**68 dB Operational Noise**  
a result of the Double Brake System.

**Precision machined gears**  
heat treated for strength and durability.

**Internal Chain Guide**  
PVC black coated for quieter operation.

**Low Voltage Control**  
110 Volt for long cable runs without voltage drop. 24 & 48 Volt optional.

**Duty Cycle**  
H-4 duty rated for heavy duty application. 2M+ FEM class. 50% Duty Cycle or 300 on/off per hour.

**10:1 Mechanical Design Factor**

**Underload Protection**  
with load cell installed.

**Modular Multi-Pin Connector**  
with multi-wire shielded cable.

**4 Position Limit Switch**  
with active spring micro-switch.

**Built-In PLC** for safety function monitoring, brake and limit switch integrity, load cell reading, overload and underload settings.

### STANDARD FEATURES

**Overload Protection:** rated operational range between 125 and 150/160%. Clutch is outside the load path when disconnected from power.

**Durable & Lightweight Cast Aluminum Housing.** Black powder coated finish for low visibility.

**Metric Rated**

**Load Chain** designed and manufactured by Columbus McKinnon. Zinc plated to protect against corrosion. Black phosphate finish optional.

**The Industry's Best Lifetime Warranty**

**Meets or Exceeds World Standards:** meets German Regulation BGV-C1.

### OPTIONAL FEATURES

**Chain Bag:** easy-to-mount cloth type bags.

**Chain Stop:** mounted on load chain to prevent overtravel.

**Load Cell:** built in on the suspension hook.

\* SIL3 requires a BGV-C1 SIL3 certified controller not included.



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