



ENTERTAINMENT TECHNOLOGY

# LODESTAR<sup>®</sup>

CLASSIC ELECTRIC CHAIN MOTOR



**THE LEGEND  
LIFTS ON**

C O L U M B U S M c K I N N O N C O R P O R A T I O N



**ENTERTAINMENT TECHNOLOGY**

# LODESTAR®

## CLASSIC ELECTRIC CHAIN MOTOR

Leading the entertainment industry for more than three decades, the legendary CM-ET Lodestar Classic electric chain motor offers best-in-class performance, safety and reliability. A heavy-duty workhorse, the Lodestar Classic is universally trusted by rigging professionals around the world and is ideal for touring concerts and productions both indoors and out.

### **BENEFITS & FEATURES**

#### **1/8 TO 2 TON CAPACITIES**

Metric Rated.

#### **60 FT. STANDARD LIFT**

Other lifts available. Lifting speeds of 8 to 64 FPM at 60 Hz.

#### **PROVEN BRAKE DESIGN**

AC electromechanical brake has been field tested in more than one million Lodestar hoists worldwide.

#### **LOW VOLTAGE CONTROL**

110 volt for long cable runs without voltage drop. 24 and 48 volt optional. Single-phase and three-phase also available.

#### **LIGHTWEIGHT, CAST ALUMINUM HOUSING**

Durable and strong cast-aluminum housing is black powder coated for low visibility.

#### **LOAD-TESTED, ZINC PLATED CHAIN IS MADE IN USA**

Designed and manufactured by CMCO. Zinc plated to protect against corrosion. Optional black finish available.

#### **H4-DUTY RATED**

Designed for heavy-duty applications.

#### **SAFE & QUICK VOLTAGE CHANGE**

Finger safe wiring and quick-change, plug-and-play connectors allow for easy voltage change from 208/230 to 460. Prevents improper voltage connections that may cause hoist damage.

#### **OVER-TRAVEL PREVENTION**

Adjustable limit switch prevents load from over-travel in both up and down directions.

#### **OVERLOAD PROTECTION**

Helps prevent lifting of dangerous loads.

#### **OPTIONAL CMCO DOUBLE DC BRAKE**

Field installation kit available.

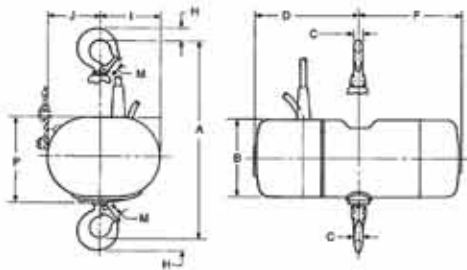
#### **OPTIONAL ALLOY LATCHLOK® HOOKS ARE MADE IN USA**

Designed and manufactured by CMCO. Hooks remain locked until released by the operator – even if the chain goes slack.





Model	Maximum Capacity Tons (kg)	Hoist Lifting Speed FPM (m)	Less Chain		10 Foot Lift		60 Foot Lift	
			Product Code		Product Code		Product Code	
			115V	230/460V	115V	230/460V	115V	230/460V
B	1/4 (250)	16 (4)	3140CF	3181	3140CF	3181S	3140CF	3181S
C	1/4 (250)	32 (8)	3200CF	3182	3200CF	3182S	3200CF	3182S
F	1/2 (500)	16 (4)	2867	3183	2867CF	3183S	2867CF	3183S
J	1/2 (500)	32 (8)	3394CF	3184	3394CF	3184S	3394CF	3184S
JJ	1/2 (500)	64 (16)	-	-	-	-	-	-
L	1 (1000)	16 (4)	3609	3185	3609CF	3185S	3609CF	3185S
LL	1 (1000)	32 (8)	-	3187	-	-	-	-
R	2 (2000)	8 (2)	4238CF	3186	4238CF	3186S	4238CF	3186S
RR	2 (2000)	16 (4)	-	3188	-	3188S	-	3188S



Model	Dimension Inches (mm)									
	A	B	C	D	F	H	I	J	M	P
B, C, F	16-1/4 (412.75)	6-1/8 (155.58)	11/16 (17.46)	11 (279.40)	7-3/4 (196.85)	1 (25.40)	4-13/16 (122.24)	3-15/16 (100.01)	1 (25.40)	6-5/8 (168.28)
J, JJ, L, LL	18-9/16 (471.49)	7-5/8 (193.68)	7/8 (22.23)	9-1/2 (241.30)	10-11/16 (271.46)	1-3/16 (30.16)	7-1/4 (184.15)	5-7/16 (138.11)	1-1/8 (28.58)	7-13/16 (198.44)
R, RR	24-1/2 (622.30)	7-5/8 (193.68)	1-1/8 (28.58)	9-1/2 (241.30)	10-11/16 (271.46)	1-1/2 (38.10)	6-3/16 (157.16)	6-1/2 (165.10)	1-5/16 (33.34)	7-13/16 (198.44)





# LODESTAR®

## ONLINE MAINTENANCE TRAINING

GETTING TRAINED JUST GOT EASIER!

**\$95**  
REGULAR LOW PRICE

For over 30 years, CM-ET has offered the Lodestar Motor School Maintenance class to help familiarize entertainment technicians and riggers on safe and proper general maintenance and repair of the Lodestar hoist. Now this popular class is available online.

When taking our online courses, students can expect the same level of education they would get if they attended one of our hands-on classes, but without the inconvenience and expense of traveling. Get trained online and learn at your pace and on your schedule.

Start your training today,  
visit [www.cm-et.com/training](http://www.cm-et.com/training)



### TAKE YOUR TRAINING TO THE NEXT LEVEL

As the entertainment industry continues to evolve through technological advancements and greater production demands, the need for qualified and trained hoist technicians continues to expand. From basic motor maintenance training to certification classes, Columbus McKinnon classroom and hands-on training covers everything from hoist design and operation to maintenance tips of the trade. Participants become well versed in all aspects of hoist technology and understand practices related to safe operation and long hoist life. Our classes cover many areas of the entertainment technology industry including:

- Basic Lodestar Introduction & Maintenance
- Entertainment Rigging
- Rigging Hoist Technician Certification
- Road Hoist Technician Certification
- Truss Safety & Standards
- Motor Technician Certification

Classes are available at our Niagara Training Center and state-of-the-art Hoist and Rigging Training Center of Excellence at The Ohio State University. For course information and schedules, please visit [www.cmcodepot.com](http://www.cmcodepot.com) or call 1-877-298-6511.



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