



# CM LODESTAR

ELECTRIC CHAIN HOIST



# FEATURES & BENEFITS

THE LODESTAR HOIST IS A TOUGH AND DURABLE ELECTRIC CHAIN HOIST, DESIGNED TO KEEP WORKING IN THE MOST ARDUOUS APPLICATIONS. THIS HOIST IS RECOGNISED AND PROVEN WITHIN THE HIRE INDUSTRY AS THE NUMBER ONE HOIST, WHERE HIGH DUTY, COMBINED WITH LONG HEIGHTS OF LIFT ARE REQUIRED.

## 110V, 230V & 400V

From hook suspension in the rental industry to trolley mounted in a factory production line, the Lodestar has a proven reputation as the solution for industrial strength lifting. Standard operating voltage: 110v 1ph 50Hz, 230v 1ph 50Hz, and 400v 3ph 50Hz are all available ex-stock. Standard operating temperature -10° to +65°C

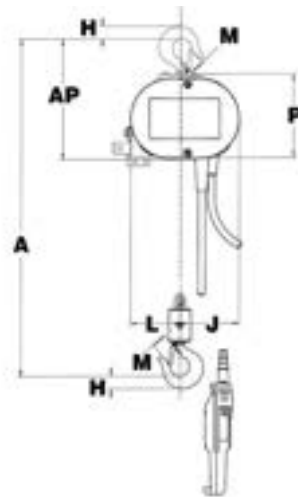
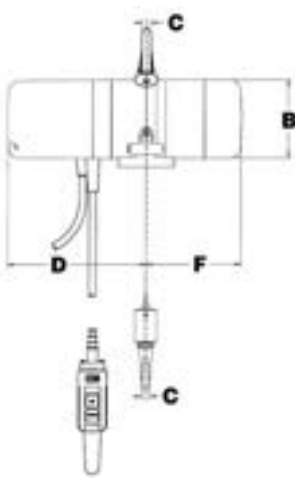
**CAPACITY  
250 KG – 3000 KG**

## FEATURES

- Tough lightweight aluminium alloy covers totally enclose the mechanical and electrical components providing protection and efficient heat dissipation. The design enables easy access for installation and service
- Adjustable upper and lower limit switches
- 48v control, IP65 pendant as standard (Hoist is IP54)
- Thermal overload protection as standard
- FEM classification 2m (40% duty - 24 minutes continuous use per hour)
- Motor classification H4
- Excellent closed height dimensions
- A lifetime lubricated gearbox contributes to exceptional service and maintenance characteristics
- Load hook with axial bearing
- Ideal for long heights of lifts
- Large frame, single phase hoists are supplied with handles and 1mtr supply cable with Cee-Form plug

## TECHNICAL DATA

Model	Operating Voltage	Capacity kg	Number of chain falls	Lifting speeds m/min	Chain dimensions d x p mm	Hoist motor kW	Maximum height of lift	
							56 tpi	64 tpi
C	230V or 110V 1ph 50Hz	250	1	8	6.3 x 18.9	0.37	79	90
F	230V or 110V 1ph 50Hz	500	1	4	6.3 x 18.9	0.37	39	45
J	230V or 110V 1ph 50Hz	500	1	8	7.9 x 21.7	0.75	48	55
L	230V or 110V 1ph 50Hz	1000	1	4	7.9 x 21.7	0.75	48	55
LL	400V 3ph 50Hz	1000	1	8	7.9 x 21.7	0.75	98	112
LL2	400V 3ph 50Hz	1000	1	8/2.5	7.9 x 21.7	0.75	98	112
R	230V or 110V 1ph 50Hz	2000	2	2	7.9 x 21.7	0.75	25	35
RR	400V 3ph 50Hz	2000	2	4	7.9 x 21.7	0.75	25	35
RR2	400V 3ph 50Hz	2000	2	4/1.3	7.9 x 21.7	0.75	25	35
RT	230V or 110V 1ph 50Hz	3000	3	1.33	7.9 x 21.7	0.75	17	23



Weather proof raincoat optionally available

### DIMENSIONS

Model	Lodestar 250/500 Frame A, B, C, F and AA	Lodestar 500/1000 Frame J, L, JJ and LL	Lodestar 2000 Frame R, RR	Lodestar 3000 Frame RT
A, mm	413	471	613	750
B, mm	156	194	194	194
C, mm	17	22	28	28
D, mm	279	241	241	241
F, mm	197	271	271	271
H, mm	25	30	38	38
J, mm	100	138	165	165
L, mm	122	184	157	157
M, mm	25	28	33	33
P mm	168	198	198	198
AP, mm	235	271	284	319

# CMCO

**INTELLIGENT MOTION**  
Columbus McKinnon

Columbus McKinnon has a history of over 150 years and is a world leader in lifting and intelligent motion control technology. The innovative portfolio of high-quality brands, including Stahl CraneSystems, Magnetek, Pfaff-silberblau, Duff-Norton, Yale, Dorner, CM and montratec addresses the needs of our customers by enhancing safety and promoting growth and efficiency. Experience, expertise and innovation combined with a deep understanding of user needs are the formula for success that has long underpinned our portfolio of hoists, material handling equipment and lifting accessories. Columbus McKinnon is a global organization headquartered in Charlotte, USA (North Carolina). Its global presence includes offices and manufacturing facilities in North America, Latin America, Europe, Africa and Asia.



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