

CM LODESTAR ELECTRIC CHAIN HOISTS (110v, 230v & 400v)



Electric chain hoist, model CM Lodestar

Capacities: 250 - 3000kg

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.

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

Features and benefits include:

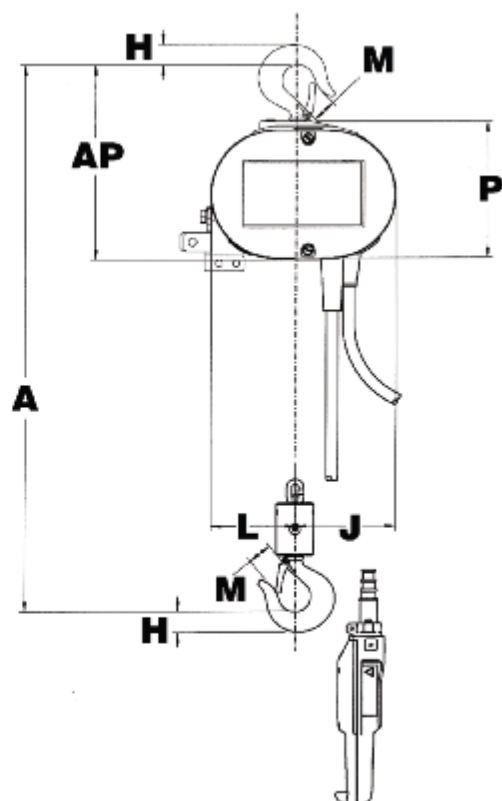
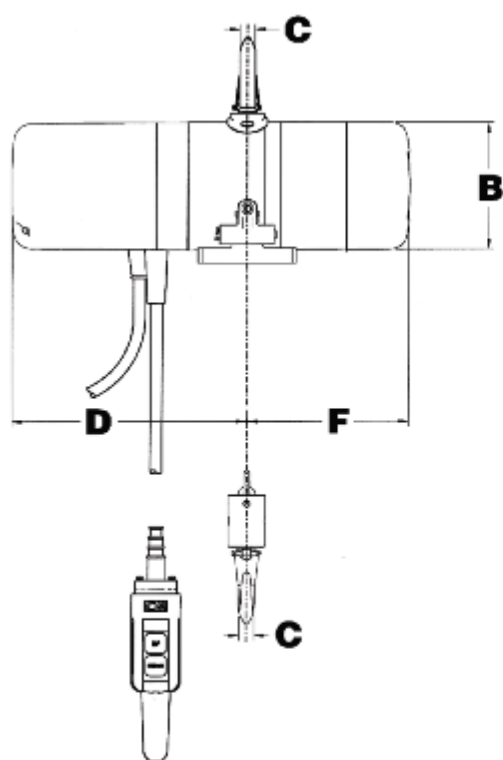
- ✓ Tough lightweight aluminium alloy covers totally enclose the mechanical and electrical components providing protection and efficient heat dissipation. The design enables easy access for installation and service.
- ✓ Adjustable upper and lower limit switches.
- ✓ 48v control, IP65 pendant as standard.
- ✓ Thermal overload protection as standard.
- ✓ FEM classification 2m (50% duty - 30 minutes continuous use per hour).
- ✓ Motor classification H4.
- ✓ Excellent closed height dimensions.
- ✓ A lifetime lubricated gearbox contributes to exceptional service and maintenance characteristics.
- ✓ 3-phase single speed hoist motors are dual voltage.
- ✓ 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.

* 110v and 230v electric trolleys are available ex-stock!



TECHNICAL DATA

Model	Operating voltage	Capacity (WLL) kg	Falls of load chain	Lifting speed(s) m/min	Load chain depth x pitch mm	Hoist motor kW
C	230v or 110v 1ph 50Hz	250	1	8	6.3 x 18.9	0.37
F	230v or 110v 1ph 50Hz	500	1	4	6.3 x 18.9	0.37
J	230v or 110v 1ph 50Hz	500	1	8	7.9 x 21.7	0.75
L	230v or 110v 1ph 50Hz	1000	1	4	7.9 x 21.7	0.75
LL	400v 3ph 50Hz	1000	1	8	7.9 x 21.7	0.75
LL2	400v 3ph 50Hz	1000	1	8/2.5	7.9 x 21.7	0.75
R	230v or 110v 1ph 50Hz	2000	2	2	7.9 x 21.7	0.75
RR	400v 3ph 50Hz	2000	2	4	7.9 x 21.7	0.75
RR2	400v 3ph 50Hz	2000	2	4/1.3	7.9 x 21.7	0.75
RT	230v or 110v 1ph 50Hz	3000	3	1.33	7.9 x 21.7	0.75



DIMENSIONS FOR HOOK SUSPENSION HOISTS

Model	Lodestar 250 / 500	Lodestar 500 / 1000	Lodestar 2000	Lodestar 3000
Frame type	A, B, C, F and AA	J, L, JJ and LL	R, RR	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