

CM Lodestar Electric chain hoist Capacity 250 - 3000kgs

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, 240v 1ph 50Hz and 400v 3ph 50Hz available ex-stock.

Features 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).
- ◆ Excellent closed height dimensions.
- ◆ A lifetime lubricated gearbox contributes to exceptional service and maintenance characteristics.
- ◆ Single phase hoist supplied with handles and 1 mtr supply cable with Cee-Form plug.
- ◆ 3-phase single speed hoist motors are dual voltage.
- ◆ Load hook with axial bearing.



CM[®] Lodestar 110-240v

Specifications:

Model	Operating voltage	Capacity (kgs)	Frame type	Falls of load chain	Lifting speed (m/min)	Closed height* (mm)
CMLS250	230v 1ph 50Hz	250	C	1	8	413
CMLS250	110v 1ph 50Hz	250	C	1	8	413
CMLS500	230v 1ph 50Hz	500	F	1	4	413
CMLS500	110v 1ph 50Hz	500	F	1	4	413
CMLS500	230v 1ph 50Hz	500	J	1	8	471
CMLS500	110v 1ph 50Hz	500	J	1	8	471
CMLS1000	230v 1ph 50Hz	1000	L	1	4	471
CMLS1000	110v 1ph 50Hz	1000	L	1	4	471
CMLS2000	230v 1ph 50Hz	2000	R	2	2	613
CMLS2000	110v 1ph 50Hz	2000	R	2	2	613
CMLS3000	230v 1ph 50Hz	3000	RT	3	1.33	751
CMLS3000	110v 1ph 50Hz	3000	RT	3	1.33	751

Model	Frame type	Load chain depth x pitch (mm)	Hoist motor (kW)	Net weight* hook suspension (kgs)	Net weight* push trolley (kgs)	Net weight* geared trolley (kgs)	Net weight* electric trolley (kgs)
CMLS250	C	6.3 x 18.9	0.37	29	40	43	84
CMLS250	C	6.3 x 18.9	0.37	30	41	44	85
CMLS500	F	6.3 x 18.9	0.37	28	39	42	83
CMLS500	F	6.3 x 18.9	0.37	29	40	43	84
CMLS500	J	7.9 x 21.7	0.75	51	62	65	106
CMLS500	J	7.9 x 21.7	0.75	52	63	66	107
CMLS1000	L	7.9 x 21.7	0.75	52	70	74	107
CMLS1000	L	7.9 x 21.7	0.75	53	71	75	108
CMLS2000	R	7.9 x 21.7	0.75	58	76	80	113
CMLS2000	R	7.9 x 21.7	0.75	59	77	81	114
CMLS3000	RT	7.9 x 21.7	0.75	64	N/A	N/A	119
CMLS3000	RT	7.9 x 21.7	0.75	65	N/A	N/A	120

* Weight for standard 3m lift. Other lifting heights on request.

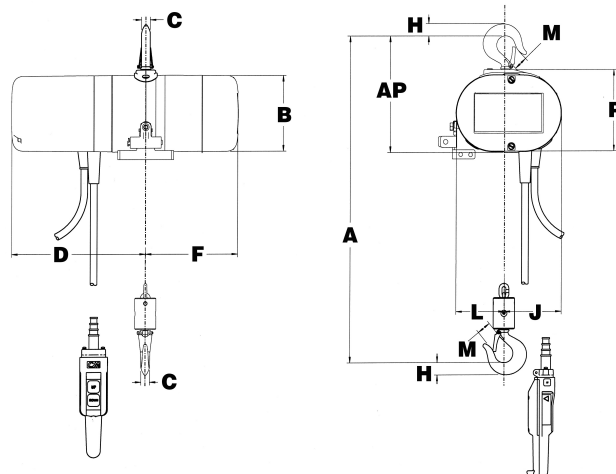
** Additional weight for 2 speed version 2.0kgs.

LODESTAR CHAIN CONTAINERS			
Hoist	Part number	Lift height (mtrs)	Chain size (mm)
C/F	CCS-SF40	12	6.3
C/F	CCS-SF80	24	6.3
C/F	CCS-SF150	45	6.3
J-L / R / RT-RRT	CCS-LF60	18 / 9 / 5	7.9
J-L / R / RT-RRT	CCS-LF100	30 / 15 / 10	7.9
J-L / R / RT-RRT	CCS-LF150	45 / 22 / 15	7.9
J-L / R / RT-RRT	CCS-LF200	60 / 30 / 20	7.9
J-L / R / RT-RRT	CCS-LF400	120 / 60 / 40	7.9

* Top hook suspension.

Dimensions:

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, RRT
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



CM Lodestar, hook suspension.