

# ELECTRIC CHAIN HOIST COMPARISON

ELECTRIC CHAIN HOISTS	CM SHOPSTAR	CM VALUSTAR	COFFING JLC	COFFING EC	CM LODESTAR (CLASSIC)	CM LODESTAR NH	CM LODESTAR VS	CM LODESTAR XL	CM POWERSTAR	CHESTER SLE									
																			
CAPACITY	Speed (fpm)	Reeving	Speed (fpm)	Reeving	Speed (fpm)	Reeving	Speed (fpm)	Reeving	Speed (fpm)	Reeving	Speed (fpm)	Reeving	Speed (fpm)	Reeving	Speed (fpm)	Reeving			
250 lb.	16, 24, 40	1																	
300 lb.	16, 24, 40	1																	
500 lb.	8, 12, 16, 20, 24	1 & 2																	
600 lb.	8, 12, 20	2																	
1000 lb.	6, 8, 12	2																	
1/8 ton			32	1		32, 60	1	32, 60	1	32, 60	1								
1/4 ton		16	1	16, 32	1	16, 32, 64	1	16, 32	1	16, 32	1								
1/2 ton		16	1	16, 32	1	9, 16, 32	1	8, 16, 32, 64	1 & 2	8, 16, 32, 64	1 & 2	8, 16, 32	1 & 2	8, 16, 32	1 & 2				
1 ton		8, 16	1 & 2	16	1	4, 8, 12, 16, 32, 48	1 & 2	8, 16, 32	1 & 2	8, 16, 32	1 & 2	8, 16	1, 2		20, 24, 32, 40, 48	1	10	2	
2 ton		8	2	8	2	6, 8, 16, 24	1 & 2	8, 16	2	8, 16	1 & 2	8	2	6, 8, 18, 24, 30	1	20, 24, 32, 40	1	10	2
3 ton						5, 10, 16	2 & 3	5.5, 11	3	5.5, 11	3	5.5	3	3, 4, 9, 12, 15	2	10, 12, 16, 20, 24	2	10	2
4 ton						8, 12	2							3, 4, 9, 12, 15	2	10, 12, 16, 20, 24	2	5	4
5 ton						5, 8	3							2, 2, 7, 3, 6, 8, 9, 12, 15	2, 3	10, 12, 16, 20	2	5	4
6 ton														2, 2, 7, 6, 8, 10	3	10, 12, 16, 20	2	7	2
7-1/2 ton														2, 6, 10	3	7, 8, 11, 14, 16	3		
8 ton																		4	4
9 ton															7, 8, 11, 13	3	4	4	
10 ton															7, 8, 11, 13	4	3.5	4	
12 ton															5, 6, 8, 10	4	3.5	4	
15 ton															4, 5, 6, 8	5			
16 ton																	2	8	
20 ton																	1.7	8	
24 ton																	1.7	8	
FEATURES																			
Total Enclosed Non-Vented Motor	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	
Total Enclosed Fan-Cooled Motor	N/A	N/A	N/A	ED Model Only	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Adjustable Up/Down Limits	N/A	N/A	Standard	Standard	Standard	Standard	EPLS (Electronically Programmable Limit Switches)		Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	
Weather Proofing	N/A	N/A	Weather-Resistant Cover	Weather-Resistant Cover	Standard	Standard	Standard	Standard	Weather-Resistant Cover	Weather-Resistant Cover	Weather-Resistant Cover	Weather-Resistant Cover	Weather-Resistant Cover	Weather-Resistant Cover	Weather-Resistant Cover	Weather-Resistant Cover	Weather-Resistant Cover	Optional	
Load Chain	Std. Unplated/Optional Plated	Unplated	Std. Unplated/Optional Plated	Std. Unplated/Optional Plated	Standard Zinc Plated	Standard Zinc Plated	Standard Zinc Plated	Standard Zinc Plated	Unplated/Optional Plated	Unplated/Optional Plated	Unplated/Optional Plated	Unplated/Optional Plated	Unplated/Optional Plated	Unplated/Optional Plated	Unplated/Optional Plated	Unplated/Optional Plated	Unplated/Optional Plated	Unplated/Optional	
Chain Container	Optional	Optional	Standard up to 20' Single Chn.	Optional	Optional	Standard Fabric Bag	Standard Fabric Bag up to 20' Lift	Standard Fabric Bag	Optional	Optional	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Optional	
Available Voltages	115-230V Single Phase, 208-575V 3-Phase	115V Single Phase, 208-460V 3-Phase	115-230V Single Phase, 208-575V 3-Phase	115-230V Single Phase, 208-575V 3-Phase	115-230V Single Phase, 208-575V 3-Phase	115-230V Single Phase, 208-575V 3-Phase	115-230V Single Phase, 208-575V 3-Phase	115-230V Single Phase, 208-575V 3-Phase	230-575V 3-Phase	230-575V 3-Phase	230-575V 3-Phase	230-575V 3-Phase	230-575V 3-Phase	230-575V 3-Phase	230-575V 3-Phase	230-575V 3-Phase	230-575V 3-Phase		
Variable Freq. Drive Versions	N/A	N/A	Standard Offering	Standard Offering	Standard Offering	Standard Offering	Standard Offering	Standard Offering	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Optional	
Two-Speed Version	N/A	N/A	Standard Offering	Standard Offering	Standard Offering	Standard Offering	Standard Offering	Standard Offering	Optional	Standard Offering	Standard Offering	Standard Offering	Standard Offering	Standard Offering	Standard Offering	Standard Offering	Standard Offering	Optional	
Certification	CUL	N/A	CSA	CSA	CSA, TUV, CE	CSA, TUV, CE, RoHS	CSA/US, TUV, CE, RoHS	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Motor Brake	DC	AC Caliper Style	AC	AC	AC	AC	DC	DC	AC	AC	AC	AC	DC	DC	DC	DC	AC		
Mechanical Load Brake	N/A	N/A	N/A	Standard	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Integrated Trolley Option	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Upper Suspension	Hook or Lug	Hook or Lug	Hook or Lug	Hook or Lug	Hook or Lug	Hook or Lug	Hook or Lug	Hook or Lug	Hook or Lug	Hook or Lug	Lug, Hook - Special	Lug, Hook - Special	Lug						
Metric Rated	Standard	Standard	Optional	Optional	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Most Models	Special	Special		
Warranty	Limited Lifetime	1 Year	Limited Lifetime	Limited Lifetime	Limited Lifetime	Limited Lifetime	Limited Lifetime	Limited Lifetime	Limited Lifetime	Limited Lifetime	Limited Lifetime	Limited Lifetime	Limited Lifetime	Limited Lifetime	Limited Lifetime	Limited Lifetime	1 Year		
Country of Origin	USA	USA	USA	USA	USA	USA	USA	USA	USA	USA	USA	USA	USA	USA	USA	USA	USA		