











# 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	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	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						
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	
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	
Adjustable Up/Down Limits	N/A		N/A		Standard		Standard		Standard		Standard		EPLS (Electronically Programmable Limit Switches)		Standard		Standard		Standard	
Weather Proofing	N/A		N/A		Weather-Resistant Cover		Weather-Resistant Cover		Standard		Standard		Standard		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		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		Optional		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 230V or 460V 3 Phase 575V (with transformer) 50 or 60 Hz		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		N/A		Optional		Optional	
Two-Speed Version	N/A		N/A		Standard Offering		Standard Offering		Standard Offering		Standard Offering		Standard Offering		Optional		Standard Offering		Optional	
Certification	CUL		N/A		CSA		CSA		CSA, TUV, CE		CSA/US, TUV, CE, RoHS		N/A		N/A		N/A		N/A	
Motor Brake	DC		AC Caliper Style		AC		AC		AC		AC		DC		AC		DC		AC	
Mechanical Load Brake	N/A		N/A		N/A		Standard		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	
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		Lug, Hook - Special		Lug	
Metric Rated	Standard		Standard		Optional		Optional		Standard		Standard		Standard		Standard		Most Models		Special	
Warranty	Limited Lifetime		1 Year		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	