

PROSTAR®

ELECTRIC CHAIN MOTOR

CAPACITIES

300 to 1000 LBS

LIFT

60 feet standard

SPEEDS

8 to 40 feet/minute

VOLTAGES

3-phase available

Lightweight, quiet and portable, the CM Prostar is designed and built for the unique rigging needs encountered at small venues. Featuring an overload device that protects the hoist, operator and structure from damaging overloads.

BENEFITS & FEATURES

DC ELECTRO-MECHANICAL BRAKES

Non-adjusting for low maintenance and quiet operation.

GEARING

Precision machined gears heat treated for strength and durability.

CHAIN GUIDE

One piece jam free for smooth operation.

HOUSING

Lightweight, cast aluminum, durable and strong black powder coated finish for low visibility.

LIFT WHEEL

CM patented 10 pocket oblique lift wheel for quiet and smooth operation.

LOW VOLTAGE CONTROL

110 Volt for long cable runs without voltage drop. 24 and 48 Volt optional.

DUTY CYCLE

H-4 duty rated, designed for heavy duty application.

OVERLOAD PROTECTION

Helps prevent lifting of dangerous overloads.

CHAIN STOP

Mounted on Load Chain prevents over-travel.

METRIC RATED

LOAD CHAIN
Designed and manufactured by Columbus McKinnon. Zinc plated to protect against corrosion. Black phosphate finish optional.

THE INDUSTRY'S BEST LIFETIME WARRANTY

MEETS OR EXCEEDS WORLD STANDARDS

OPTIONAL FEATURES

CHAIN BAG

Easy-to-Mount Cloth Type Bags.

DOUBLE BRAKE

ENCODER

UPPER SWIVEL HOOK SUSPENSION



SPECIFICATIONS

Capacity	Number of Chains	Motor HP	Lifting Speed (FPM)	Weight Less Chain (lbs.)	Weight 1 ft. of Chain (lbs.)	Full Load Amps		
						1-Phase	3-Phase	
							220v	415v
300	1	1/6	16	28	.35	3.6	1.2	.6
300	1	1/6	24	28	.35	-	1.1	.6
500	1	1/6	16	28	.35	-	1.2	.7
500	1	1/6	12	28	.35	4	-	-
600	2	1/6	8	36	.7	3.6	1.1	.6
600	2	1/6	12	36	.7	-	1.1	.6
1000	2	1/6	8	36	.7	-	1.2	.7

Drawing Legend	Reeving	
	Single	Double
A	11"	12 1/8"
B	2 15/16"	3 1/2"
C	2 7/8"	2 3/8"

Models (lbs.)	Lift Speed (FPM)	Operating Voltage			
		1-Phase		3-Phase	
300	16	115-1-50/60	220-1-50/60	220-3-50/60	415-3-50/60
300	24	-	-	220-3-50/60	415-3-50/60
300	40	-	-	220-3-50/60	415-3-50/60
500	12	115-1-50/60	220-1-50/60	-	-
500	16	-	-	220-3-50/60	415-3-50/60
500	20	-	-	220-3-50/60	415-3-50/60
600	8	115-1-50/60	220-1-50/60	-	-
600	12	-	-	220-3-50/60	415-3-50/60
1000	6	115-1-50/60	220-1-50/60	-	-
1000	8	-	-	220-3-50/60	415-3-50/60
1000	12	-	-	220-3-50/60	415-3-50/60

