

Electric Winches and Car Pullers

200 to 2,000 lb (91 to 909 kg) capacity

How To Order

Specify complete model code as shown. Prices listed for electric winches and car pullers exclude winch control and starter options.

Winch Options: For pricing of the listed options refer to page 32 - **Winch & Hoist Pricelist MHD55344**. Add the option price to the base price of the winch. **Control Options:** A control package consists of magnetic reversing starter and controls. Starter and control options may be ordered in two ways: See below and refer to the charts on page 31 for motor horsepower and page 32 for control pricing.

- (1) When specified in the model code, starters and controls will be mounted on the winch and tested at the installation charge shown on page 32.
- (2) Controls may be ordered separately for client installation by a qualified electrician. Starter and control option packages consist of the following items.
 - A. Magnetic Reversing Starter, sized according to winch horsepower and voltage. Magnetic Reversing Starters with internal 110 volt control transformer are standard. These starters are available in single and Three phase models and are intended for use with either two motion push button control stations or hand-held pendants used in remote control applications.
 - B. Push button control (Requires the use of a magnetic reversing starter)
 - C. Reversing Drum Switch can only be used when winch power supply is:

Single phase: 115 volt to 1.5 hp, 230 volt to 2 hp. Three phase: 230/460 volt to 2 hp. To use a Reversing Drum Switch, a Magnetic Reversing Starter is not required. Drum switches should only be mounted directly to the winch itself. Drum switches when used in this manner have a control voltage equal to the operating voltage of the winch. Drum switches are intended for mounting on the unit itself and must have their enclosures grounded to the electrical system ground.

Example: 2000B40M4-12-8GR-M4P3-50

2000	B	40	M	4	-	12	-	8	GR	-	M4	P3-50
Line pull 2nd layer (lbs)	Phase A = Single phase B = Three phase	Speed (fpm)	Motor Type (-) = Std. Totally Enclosed Fan Cooled M = Marine (Three phase only) duty motor	Voltage 1 = 115-1-60 2 = 230-1-60 230-3-60 3 = 380-3-50 4 = 460-3-60 5 = 575-3-60 6 = 208-3-60 7 = 415-3-50			Wire Rope Size Wire rope in sixteenths (e.g., 8/16 = ½ inch)		Winch Options D = Drum divider flange G = Grooved drum H = Heater in motor L = Extended warranty P = Marine 812 finish paint P1 = Marine 812-X paint system R = Drum guard S = Rotary limit switch T = Torque limiter clutch W = Client witness of load test Y = Electronic overload		Starter Options M4 = NEMA4mag. rev. starter	Control Options D1 = NEMA 1 drum switch D4 = NEMA 4 drum switch W4 ⁽¹⁾ = NEMA 4 wall mt. push button P3-XX = NEMA 3R pendent P4-XX = NEMA 4 pendent XX = Specify pendent control cord length in feet
Series CP = Car puller model prefix												
Drum length (in.)												
Drum extensions in inches												
Model 200-800 1300-2000												
Drum width 8 12												
12 16												
16 20												
20 24												

Not Available in CE Format

(1) Wall mount push button controls will be shipped loose for client installation. The National Electrical Code requires wall mount control stations to be installed with conduit enclosed wiring.

Ingersoll Rand strongly recommends using Drum Guards with all winches to prevent inadvertent contact with winch moving parts.