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POWERTEK EQUIPMENT CO.

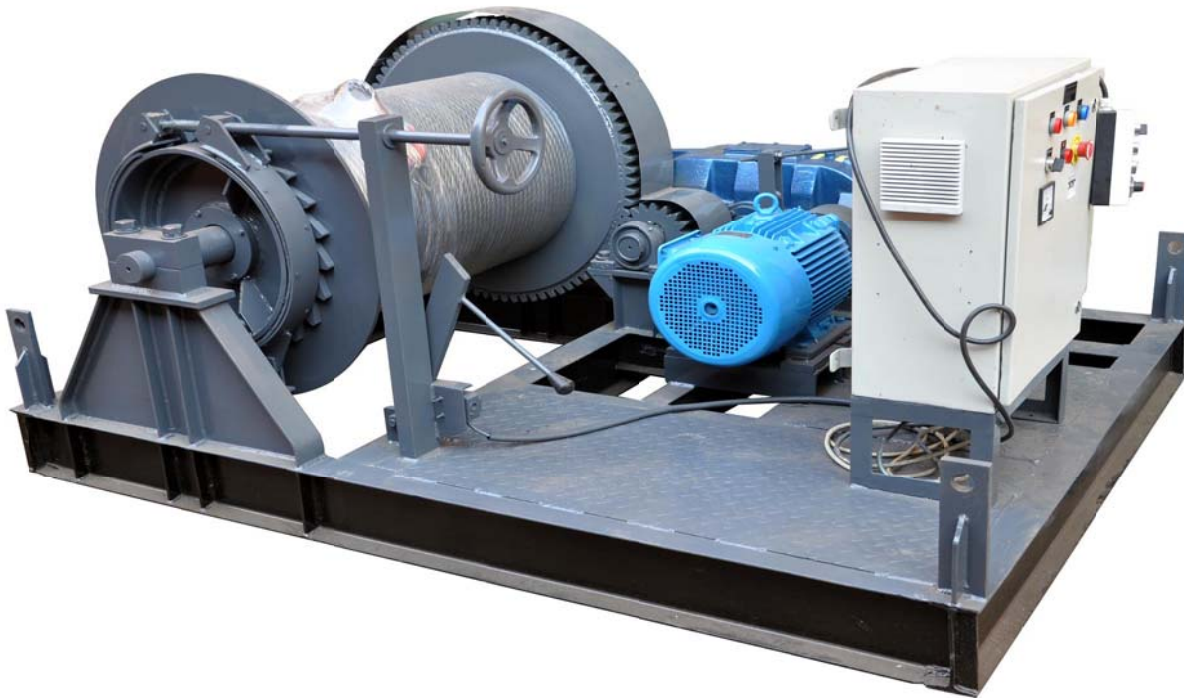
AN ISO 9001:2015 CERTIFIED COMPANY

MFG & Exporter of Geared Motor Gear Boxes & Electric Winches .

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10 TON ELECTRIC WINCH MACHINE



POWERTEK ELECTRIC WINCHES TECHNICAL DATA

MODEL	10 TON ELECTRIC WINCH MACHINE
BASE FRAME	Fabricated with rolled steel section/plates properly ribbed floored with plate for working area with lifting lugs provided. Weight=2200 KG, Frame Size = 2050 mm x 2536 mm IS MB Size = 250mm x 125mm.
ROPE DRUM	Drum fabricated with seamless pipe duly machined with flange at both and with roller bearing on both flange. DRUM CAPACITY:- 300/500 meters, WIRE ROPE :- 22mm/24mm
REDUCER	1 st Stage HELICAL gear box. 2 nd Stage Reduction with spur gear and pinion (Size of Gear Box HC 550). Ratio = 1:50
MOTOR	TEFC SQ. Cage 20 H.P / 25 H.P Crane Duty Motor 400/415V, 50Hz, 3PH. Class of insulation F, IP- 55 Protection, S4Duty, CDF 40%. No of Start Stop150 per hour
DRUM & PINION SHAFT	Make of EN8 forged steel material.
ROPE SPEED	4 - 6 Meters / minutes at last layer OR even more.
COUPLING	Star coupled on motor shaft and input shaft gear box flexible pin bush coupling on out shaft of gear box and input shaft of pinion.
BRAKE	Electro hydraulically operated Double shoe thruster brake. 1) Dia of brake:-300mm. OR 2)DIA OF BRAKE:-200
CONTROL	The winch is operated by master control with four Steps forward and reverses in slip ring motor. In sq.cage motor is operated by reverse forward pendent push button station.
CONTROL PANEL	Control panel suitable for motor provided with contactor, overload relay, amp/volt meter, Push Button for on and off, lamp for incoming supply, HRC fused & Step Down Transformer and control panel is weather proof.
PAINTING	Two coats of red oxide and enamel Paint.
SAFETY FEATURES	Hand operated brake for emergency stop provided. Overload tripping system for motor. HRC fuse, Miniature <i>Circuit Breaker</i> & Step Down Transformer for safety of the operating personal and control panel is weather proof.

Note: Resistance box and master controller is applicable only in slip ring motor.