



POWER WINCH MACHINE

The 5 Ton Power Winch Machine (Double Capstan Type) is a heavy-duty machine specially designed for tower erection & pulling of conductor. Its double capstan configuration ensures improved grip, reduced slippage, and uniform load distribution. The machine delivers consistent pulling force with smooth tension control. Built with a robust structure and high-torque drive system, it is suitable for demanding field operations. Ideal for transmission line stringing, cable laying, and industrial pulling applications.



Sl No.	Operating Gear	1 st Gear	2 nd Gear	3 rd Gear
1	Pulling Capacity (SWL)	50 kN	25 kN	10 kN
2	Tested Proof Load	60 kN	35 kN	16 kN
3	Speed (m/min)	5.5	15	28

Technical Description

Sl. No.	Parameter	Specification
1	Capacity (SWL)	5 Ton
2	Engine Model	Honda GX390 / GX430
3	Configuration	Double Capstan Type
4	Mounting Type	Base Mounted
5	Capstan Drums	Double Drum Arrangement
6	Drive System	Engine-driven transmission
7	Types of fuel	Petrol
8	Transmission	Gear / Reduction system (as per drawing)
9	Load Type	Lifting/Pulling
10	Rope Arrangement	Capstan Type Winding
11	Maximum Suitable Rope Diameter	18 mm
12	Base Frame	Heavy-duty fabricated steel base frame
13	Capstan Drums	Machined Steel
14	Shaft	High Tensile Alloy Steel
15	Bearing Housing	Cast Fabricated Steel with Ball Bearing Support
16	Fasteners	High Strength Grade Bolts
17	Weight	330 Kg
18	Compliance	As per approved internal drawing

