

ELECTRIC HOIST

WXDH型微型电动绞盘

Electric Winch

电动绞盘是具有垂直安装的绞缆筒，在动力驱动下能卷绕但不储存绳索的机械，也指转动轴线与甲板垂直的绞车，是车辆、船只的自我保护和牵引装置，可在雪地、沼泽、沙漠、海滩、泥泞山路等恶劣环境中进行自救和施救，并可在其它条件下，进行清障、拖拉物品、安装设施等作业，是军警、石油、水文、环保、林业、交通、公安、边防、消防及其它户外运动不可缺少的安全装置。主要用于越野汽车、农用汽车、ATV全地形车、游艇、消防救援车、道路清障车以及其它专用汽车、特种车辆。

绞盘构成部件

1. 中继变速器。中继变速器从遥控器上接受信号，其内部是能够改变马达方向的整机电路。
2. 马达。该部件中有一个直流电马达。绞盘模型中有一个冷却扇，防止绞盘过热。
3. 绞索引导器。如果需要使用绞索以一定角度工作，该引导器能将绞索直接引向鼓轮。如果带一个滚子，则称为滚子绞索引导器。
4. 绞索鼓轮。绞索鼓轮和绞索缠绕的缸体一样，由电动马达带动。通过遥控器按钮可以改变其方向。重型绞盘的绞索较重，因此鼓轮也较大。
5. 离合器。离合器负责开关绞索鼓轮，由一个简单的手柄控制。
6. 遥控器。遥控器能从远处控制绞索。最常见的型号有一根线与绞盘相连，市场上也有无线形的遥控器。



Model: WXDH

The electric winch is a mechanically driven winch, a machine that can wind but does not store rope under power drive, and also refers to a winch whose axis of rotation is perpendicular to the deck. It is a self-protection and traction device for vehicles and ships, which can be used in snow. Self-rescue and rescue in harsh environments such as swamps, deserts, beaches, muddy mountain roads, and other operations, such as military and police, petroleum, hydrology, environmental protection, forestry, etc. Safety devices indispensable for transportation, public security, border defense, fire fighting and other outdoor sports. Mainly used in off-road vehicles, agricultural vehicles, ATV all-terrain vehicles, yachts, fire rescue vehicles, road wreckers and other special vehicles, special vehicles.

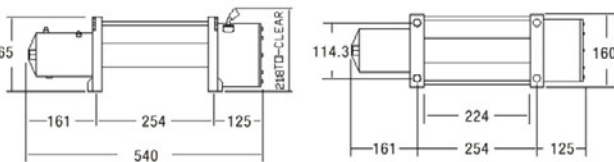
Winch component

1. Relay transmission. The relay transmission receives signals from the remote control, and the inside is a complete circuit that can change the direction of the motor.
2. the motor. There is a DC motor in this part. There is a cooling fan in the winch model to prevent the winch from overheating.
3. Noose guide. If it is necessary to use a noose to work at an angle, the guide can direct the noose directly to the drum. If you have a roller, it is called a roller noose guide.
4. Cable drum. The cable drum is driven by an electric motor like a cylinder wound with a sling. The direction can be changed by the remote control button. The winch of the heavy winch is heavier and therefore the drum is larger.
5. The clutch. The clutch is responsible for switching the cable drum and is controlled by a simple handle.
6. Remote control. The winch can be controlled from a distance and the wireless remote control can be found on any market.

WXDH型微型电动绞盘参数:

SPFCIFICATION

型号 Product Code	WXDH1500LB-A
电机参数 Motor	12V DC 1.0HP(770W) 永磁铁 Permanent Magnet
齿轮减速比 Gear Ratio	103:1
钢丝绳 Wire Rope	5/32" *50' (4mm*15.2mm)
净重/毛重 NW/GW	14kg/16kg(2pcs)
额定拉力 Rated Line Pull	1500lbs(680kgs)
变速器 Gearing	Differential planetary
导缆孔 Fairlead	4-Way Roller Fairlead
尺寸 Meas	34.5*24.5*35cm(2pcs)



1500 LBS线路速度及AMP操作 1500LBS LINE SPEED AND AMP DRAW (FIRST LAYER)

拉力 Line Pull	lbs	0	500	1000	1500
	kgs	0	227	454	680
线路速度 Line Speed	ft/min	12.47	8.66	6.69	3.94
	m/min	3.8	2.64	2.04	1.2
电机电流 Motor Current	amps	10	37	54	78

1500 LBS线路拉力和电缆容量 1500LBS LINE PULL AND CABLE CAPACITY

层数 Layer of cable		1	2	3	4	5
额定线路 Rated line	lbs	1500	1260	1086	954	851
每层拉力 Pull per layer	kgs	680	572	493	433	386
累积 Cumulative	ft	7.23	15.8	25.78	37.12	49.8
电缆容量 Cable capacity	m	2.2	4.86	7.9	11.32	15.2