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Please carefully read operating instruction

# Winch Operating Instruction

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## Preface

The company is a professional manufacturer specializing in the production of manual and electronically controlled winches. Our company has advanced production equipment, perfect testing means, strong technical force and reliable product quality.

The winch is produced in strict accordance with the prescribed procedures of inspection. In order to ensure the normal and safe use of the winch and extend the service life of the machine, please read the manual in detail before using the company's products. Strictly follow the instructions for installation, maintenance and repair.

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## Product Performance, Application

The JM series winches produced by our company are designed by our factory with years of experience and continuous improvement.

It is an electric crane with the advantages of high versatility, compact structure, small volume, light weight, heavy lifting capacity, convenient operation, safety, reliability and durability. It is widely used in construction, water conservancy, forestry, mining, wharf and other materials lifting and hoisting or flat traction, and can also be used as supporting equipment for modern electric automatic work line.

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## Second, the model specification and the expression method

Construction	JM16T WINCH
Rated Pulling Force	160 kN
Electrical Operation	Electrical control
Series Code	M-Slow

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## Third, the use and maintenance of repair

1, Before using the fastening screws must be checked once, while opening the gear box oil cover, add the appropriate amount of mechanical gear lubricant, and then cover the oil cover, and first open the empty car, to wait for the oil throughout the bearings and gears, the direction of the official driving use.

2, Strictly prohibited in the winch is, rear operation, such as special circumstances must be operated in this position, it must be installed with protective devices to prevent accidents.

3, Each lifting of heavy objects must first be low distance test lifting, check the effectiveness of the brake is not too tight or too loose phenomenon, if so, must promptly adjust the brake lever spring nut, and does not allow the lifting of heavy objects suspended in the air.

4、 Before the power supply is connected, the good condition of the grounding wire must be checked to prevent electric shock accident, and the main power supply must be cut off after the work is finished.

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- 5、 In the process of use, if the brake disc is tainted by oil and thus reduces the brake efficiency, you can sprinkle some dry powder (such as dry lime powder, etc.) that can restore the brake efficiency.
  - 6、 Check the fasteners frequently to prevent loosening and affecting the safety of use.
  - 7、 The machine can not be cleaned or refueling, not in front of the machine or heavy objects below the station, and pay attention to the machine running performance, often keep the transmission parts of good lubrication.
  - 8、 Wire rope winding in the reel on the safety circle of not less than three turns.
  - 9、 Winch only for lifting goods, can not be used for transporting people.
  - 10、 Absolutely prohibit the use of more than the rated load.
  - 11、 The winch installation must be solid, reliable, the bottom plane shall be flat, level.
  - 12、 The use of lifting motor, cam switch and adjusting resistance can not be used for speed switch, only for buffer starting.

## The main technical parameters of type JM electric slow winch

Type/basic data	Rated load (KN)	Rated speed (m/min)	Rope capacity (m)	Rope diameter	Motor type	Motor power (kw)	Dimension (mm)	Weight (kg)
JM1	10	12	0(150)	9.3	Y132S-4	4	820*750*500	200
JM1.5	15	12	0(200)	11	Y132M-4	7.5	970*950*600	260
JM2	20	12	0(180)	12.5	Y132M-4	11	970*1000*600	300
JM3	30	12	0(200)	15.5	Y160M-4	11	1100*1110*600	500
JM5	50	9	0(200)	19.5	Y160L-6	11	1500*1360*800	950
JM8	80	9	0(300)	26	YZR180L-6	15	1730*1450*940	1700
JM10	100	8	0(300)	30	YZR200L-6	22	1750*1650*940	1800
JM12	120	8	0(300)	32	YZR225M-6	30	2140*1700*1050	3000
JM16	160	8	0(300)	36.5	YZR225M-6	30	2400*2200*1400	3800
JM20	200	8	0(450)	39	YZR250M <sub>2</sub> -6	45	2500*2200*1400	5500

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# Warranty Card

Shopping unit:			
Contact number:		Address of repair goods	
Product name:	Winch	Product Model and Specification	
Date of purchase.:			
Warranty Date :            From            To			
User Notes : Any of the following cases are not covered by the warranty, but can be repaired for a fee.  1、 Damage caused by improper use and maintenance and storage.  2、 Damage caused by improper human operation or force majeure.  3、 Easy accessories are not included in the warranty.			
Sales unit seal			