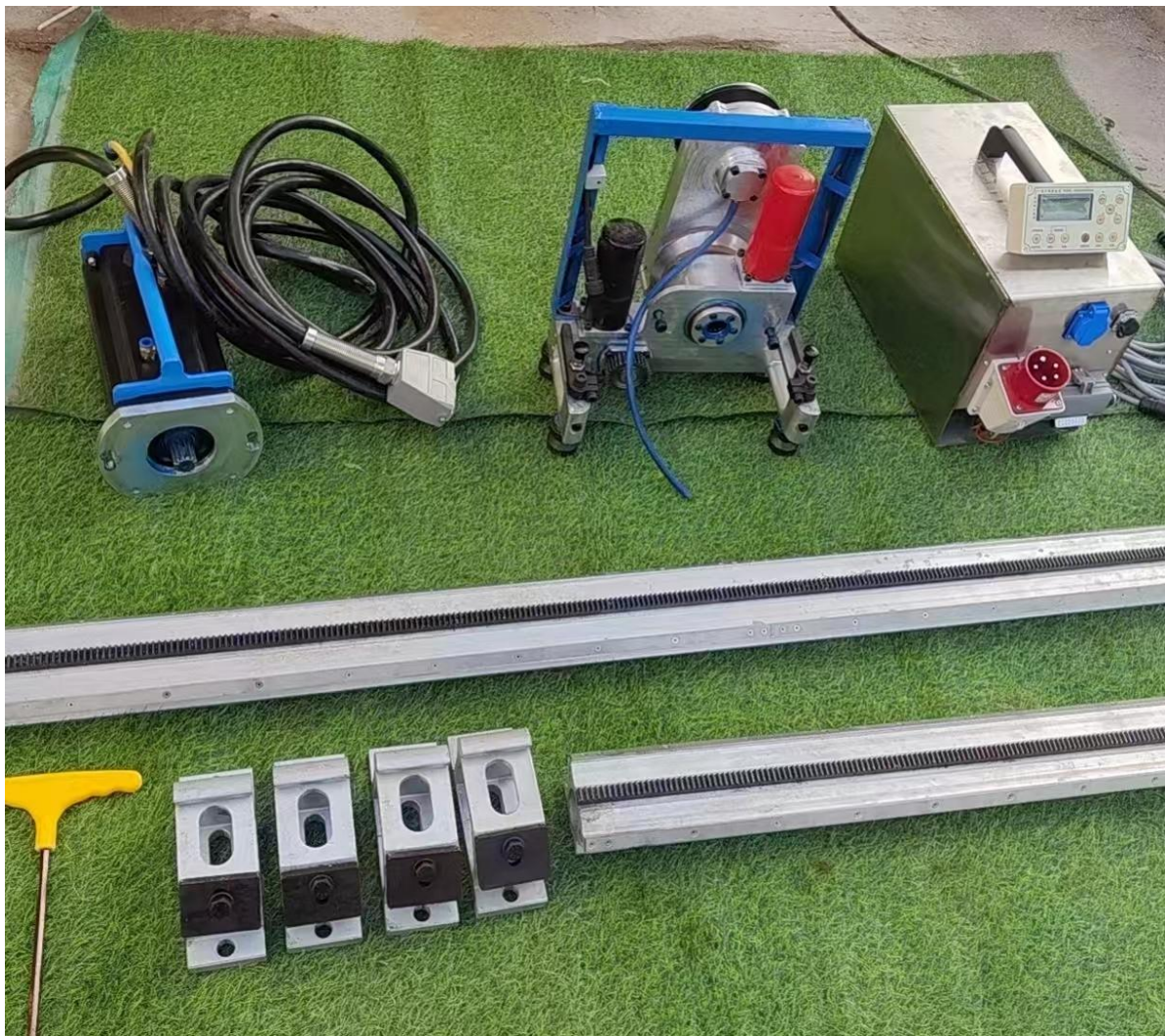


1. Spare parts list 配件表



1 wall saw head	2 wall saw arm motor	3 walking motor	4 main motor
5 main motor wire	6 power pack	7 remote control	8 arm /walking motor wire
9 rail	10 rail foot	/	/

Rated current: 46 A

Motor speed : 5000

Blade speed :960

Mark : Red motor for wall saw arm 360 ° rotate
Black motor for walking on rail

2. Power pack



1 Main power socket	2 Use for 220 v socket
3 Small motor socket	4 Main motor socket

Mark : 2 Use for 220 v socket can let 220 v tools connect on this socket (Electric hammer or something)

3 Small motor socket link the wall saw arm motor and walking motor

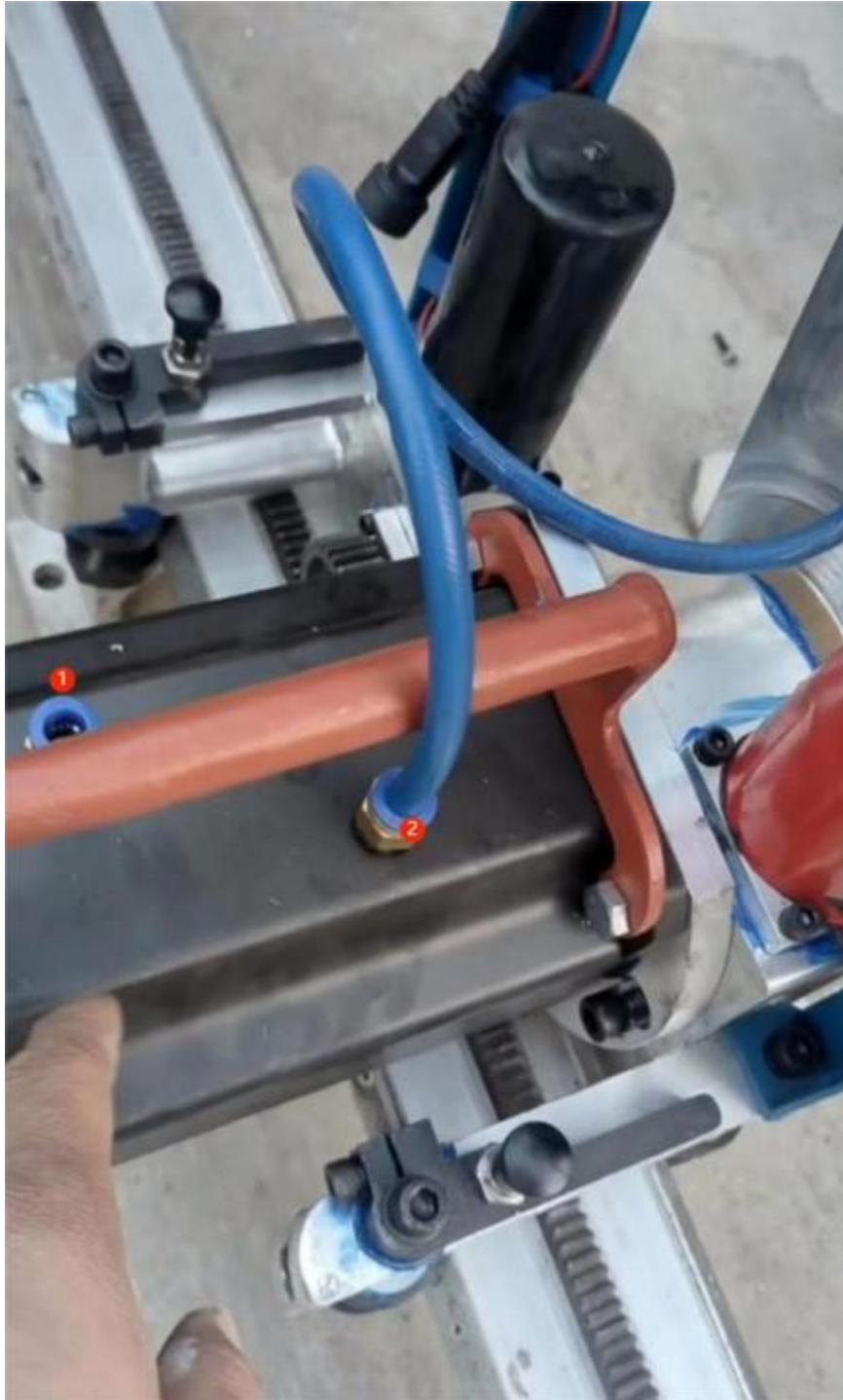
3. Wall saw head



1. Driving pinion	2. Rack	3. wall saw handle
4. Rail pulley	5. Bolt for fixing the main motor	

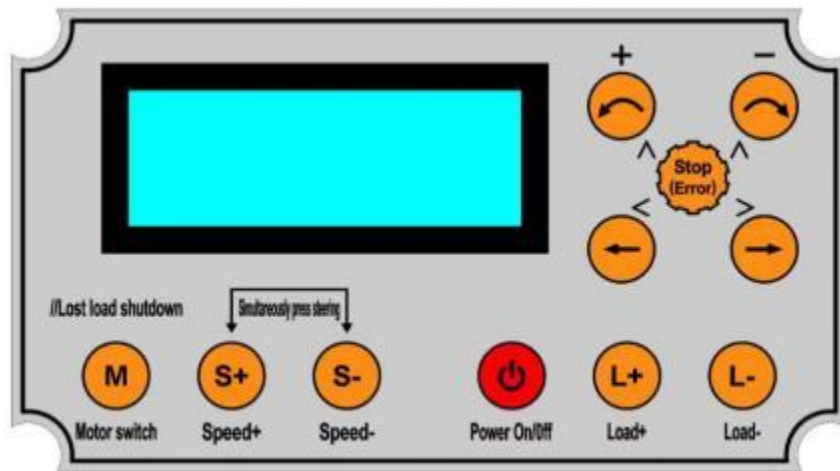
Mark : wall saw handle Fix the machine on the rail from the outside to the inside. After fix , please move the black cap upwards to ensure that the machine is secured (both side)

4. Water pipe



1. Water in	To cooling main motor
2. Water out	To cooling blade

5. Remote control



The corresponding relationship between buttons and screen display is as follows:



1. Motor switch : Short press to turn on/off the motor (corresponding to >, =, <)

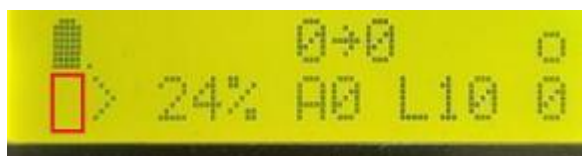
Meaning : > Forward rotation of large motor


= Large motor stop waiting state


< Reverse rotation of large motor

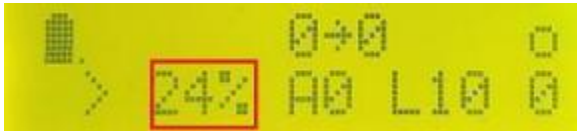


Long press is the meaning of the load loss shutdown switch: the empty load loss shutdown function is turned off, and the load loss shutdown function is turned on.



2.  Acceleration key for Main motor

-  Reduction key for the main motor




The display range of 0% -99% corresponds to the speed of the large motor from 0 to full speed.


3. 


Pressing the acceleration and deceleration keys together in the shutdown state sets the direction of the main motor



Not have . is the default steering , have . is the opposite steering

4.  Long press is the key to remote control power on

5.  Machine load setting+ key


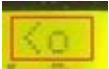






-  Machine load setting - key

(Corresponding to L10-L40 of the screen)



Min L10 Max L40

Special value L98 (non intelligent cutting mode)

6.  shows control machine moving for left side , The screen will display 
7.  shows control machine moving for right side , The screen will display 
8.  control this key , means wall saw arm to left , The screen will display 
9.  control this key , means wall saw arm to right , The screen will display 

10. wall saw arm motor and walking motor same use this .

Means stop ,screen display



The set speed for walking or swinging the arm → the actual speed after intelligent calculation



The front display shows the battery level, and the back display shows the signal strength



Main motor current display



The degree to which the working current A exceeds the set current L in the digital range 0-9

If this range starts with a letter, it indicates that error messages are displayed as follows:

ETY lost signal or just started but not ready

DC1, DC2, and DC3 small motor overload protection (severe overload, medium overload, and light overload)

EKD Sudden get struck during work

ECZ long-term high current cumulative shutdown

OK, load loss, automatic shutdown

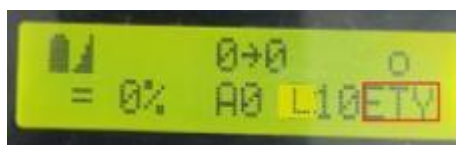
EQD startup failure due to high load

Preparation for startup:



Long press and hold the power button when turning on

After powering on, the lower right corner of the display screen displays



The meaning of this number "ETY" is:

If the control box signal cannot be connected, simply press the "stop error" button to eliminate the error message (the letter display disappears).



The correct starting method of the main motor:





After briefly pressing the release


key, To quickly press the






button and set the

speed, the main motor can be started at this time .

Wrong startup method 1: After briefly pressing the  key, if the  key is not pressed in a timely manner (with an interval of more than 2 seconds), the main motor will automatically return to the=state. The system believes that it was accidentally touched by the operator.

Wrong startup method 2: Hold down the  button for a long time, not to start the large motor, but to activate the load loss shutdown function.

If you want the machine to slow down, please press the  key, the number will decrease. If it becomes 0, the machine will stop. After starting the machine, if you want the machine to stop, it is recommended to press the  key to slow down to 0 and automatically stop (with a deceleration time, stopping is smoother). Pressing the  key directly can also shut down the machine.

For the first time using the machine, please replace the gear oil after 7 days of use. First, drain the gear oil from the machine, and then add 500 milliliters of new gear oil (the size of a mineral water bottle). Replace the gear oil once a month in the future.

Special attention: The motor is water-cooled, and cutting work must have water cooled. Idle without load for short periods of rotation without water.

Warning :

1. When cutting, no one is allowed to stand in the direction of cutting to avoid causing personal safety .
2. It is best for operators to start operating the machine after prior training. Operators should try to maintain a distance of 2-3 meters from the machine and should not stand in the cutting direction of the machine.
3. Starting the machine requires the use of the saw guard of the wall saw machine.

6.About 220V use



Need use this electric box can use 220 V

7. Data

Data Sheet	
Rated output power (allowing uninterrupted operation)	Three-phase rated power 15 KW
	Single-phase rated power 8.5 KW
Instantaneous maximum output power (allowable instantaneous operation)	Three-phase maximum power 23KW
	Single-phase maximum power 12 KW
Rated output current	27.8A/46A
Input voltage requirements	Single-phase 220V / three-phase 380V
Mounting hole diameter of saw blade	φ35\φ50\φ60
Edge cutting function	Complete
Rotary arm movement range	360°
Saw blade size range	≤850mm
Saw blade cutting depth	320mm-720 mm
Maximum saw blade size	1200mm-1600 mm
Maximum cutting depth	520mm
Speed regulation mode	Forward/Reverse Rotation Stepless speed regulation
Maximum speed at 380V input	960rpm
Maximum speed at 220V input	550rpm
Control mode	Wireless remote control
Automatic cruise control function	Automatic working feed
	Automatic depth cutting feed
Motor fault protection function	Overload protection
	Overtemperature protection
	Overvoltage and undervoltage protection
Total weight of cutting head (including motor)	41Kg / 47 Kg
Packing dimension of cutting head (including motor)	Length 425, width 310, height 360
Cooling mode of cutting head	Water-cooling
Minimum cooling water volume of motor	4L/min
Weight of control box	2Kg
Control box dimension	Length 430, width 210, height 360
Cooling mode of control box	Forced air cooling

Cutting head cable connection mode (all motors)	IP67 Aviation plug
Plug installation and replacement method (all motors)	Weld-free screw locking, Self-replacement
Input power cable model	3X6+2X4(5 cores & 6 sq)
Display mode of control feedback data	Host: 7-inch LCD touch screen
	Remote control: 3-inch black and white LCD screen
Control software	Permanent free upgrade
Track material	High strength industrial aluminum alloy
Track weight	8.4Kg/m
Track specification	1m\2m\3m
Track structure	Rack center, both reverse and positive can be installed
Track base material	High strength industrial aluminum alloy
Track mounting base thread	Embedded high-strength nut
Saw blade cover size	Φ600-1600
Saw blade cover material	Industrial aluminum alloy plate and stainless steel frame
Saw blade cover weight	9.2Kg
Average cutting efficiency of wall saw (200mm thick concrete)	15m/小时 (3m ²) 15m/hour (3m ²)