

Floor grinder

Floor polisher

Edging grinder

Vacuum cleaner



Cheers

User manual

For fast service on Worker Surface Preparation Equipment

To user

Dear user,

This manual covers the instructions for use of floor grinders, high-speed polishers, milling machines, vacuum cleaners and other products. Please read the instructions carefully before using the product. If you have any doubts, please contact your dealer.

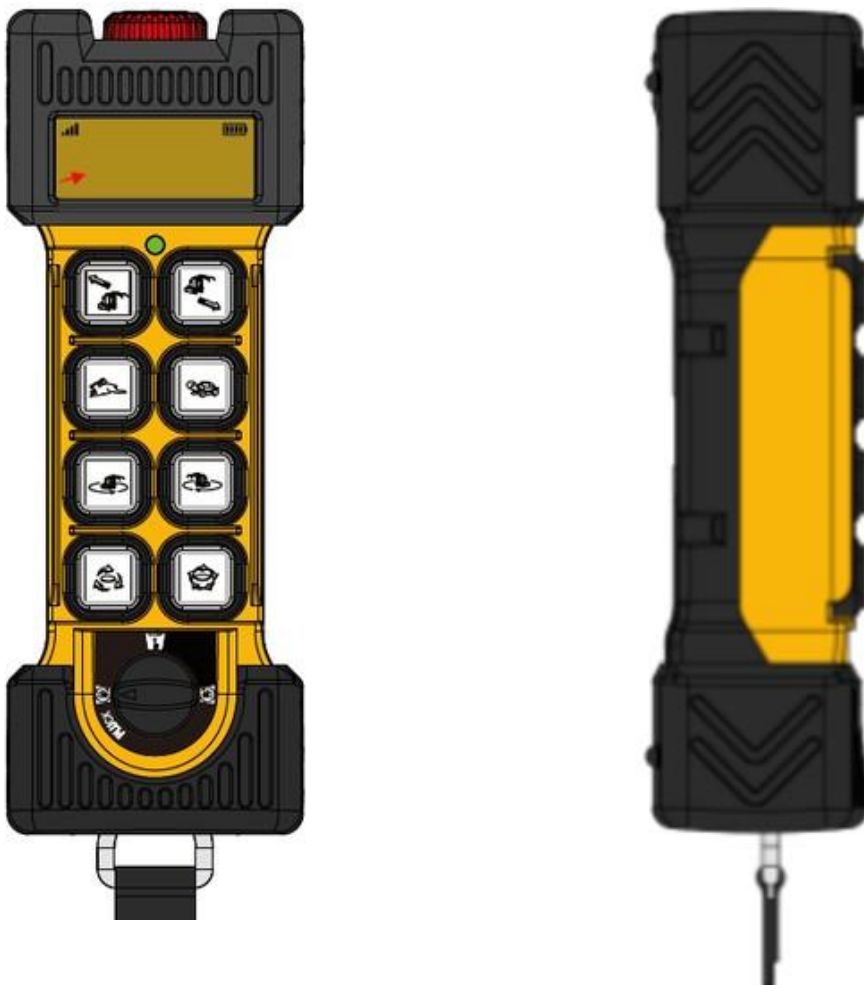
Catalouge

Remote control instructions	-----	03
Drive system instructions	-----	17
Floor grinder instructions	-----	19
Small size floor grinder instructions	-----	31
Floor polisher instructions	-----	39
Vacuum cleaner instruction	-----	45
Quality assurance	-----	45

Remote control instructions

Thank you for choosing the wireless remote control floor grinder. Our company perfectly integrates industrial wireless communication control and the whole machine intelligent control system, which will bring you a very convenient experience.

Please read this manual carefully before use.



Remote control instructions

1. Safety regulations

- ※ Improper disposal of remote control equipment may cause serious safety accidents.

- ※ Before using the remote control equipment, the operator should read the manual carefully and make sure to fully understand the intention expressed in the manual.

- ※ For unauthorized modification or opening of the remote control device, the quality assurance will automatically become invalid; the user device controlled by the remote control should be set
Install safety facilities, such as: main power relay, emergency stop switch, etc. when driving.

- ※ If the user's controlled device has remote control and local control functions at the same time, it must have interlocking measures and cannot be used at the same time.

- ※ The remote control equipment must be operated by professionally trained personnel, and must not be handed over to untrained personnel.

Remote control instructions

※Before operating the equipment, confirm that the environment is safe and there is no hidden danger of accidents. Non-workers are not allowed to be within the working range of the controlled equipment.

※The remote control should not be operated in rain or corrosive gas environment (although the protection level of remote control equipment reaches IP65).

※Before operation, check whether the transmitter is matched with the receiver, and observe whether the transmitter is damaged; before each work, you must check the emergency safety stop function of the remote control device (as shown in the figure on the right).

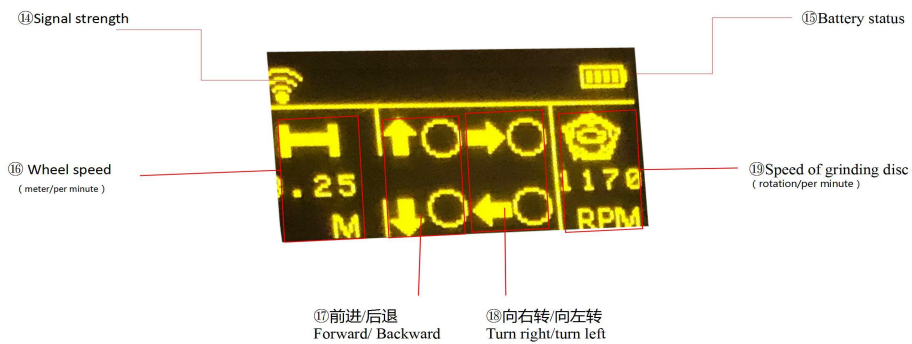
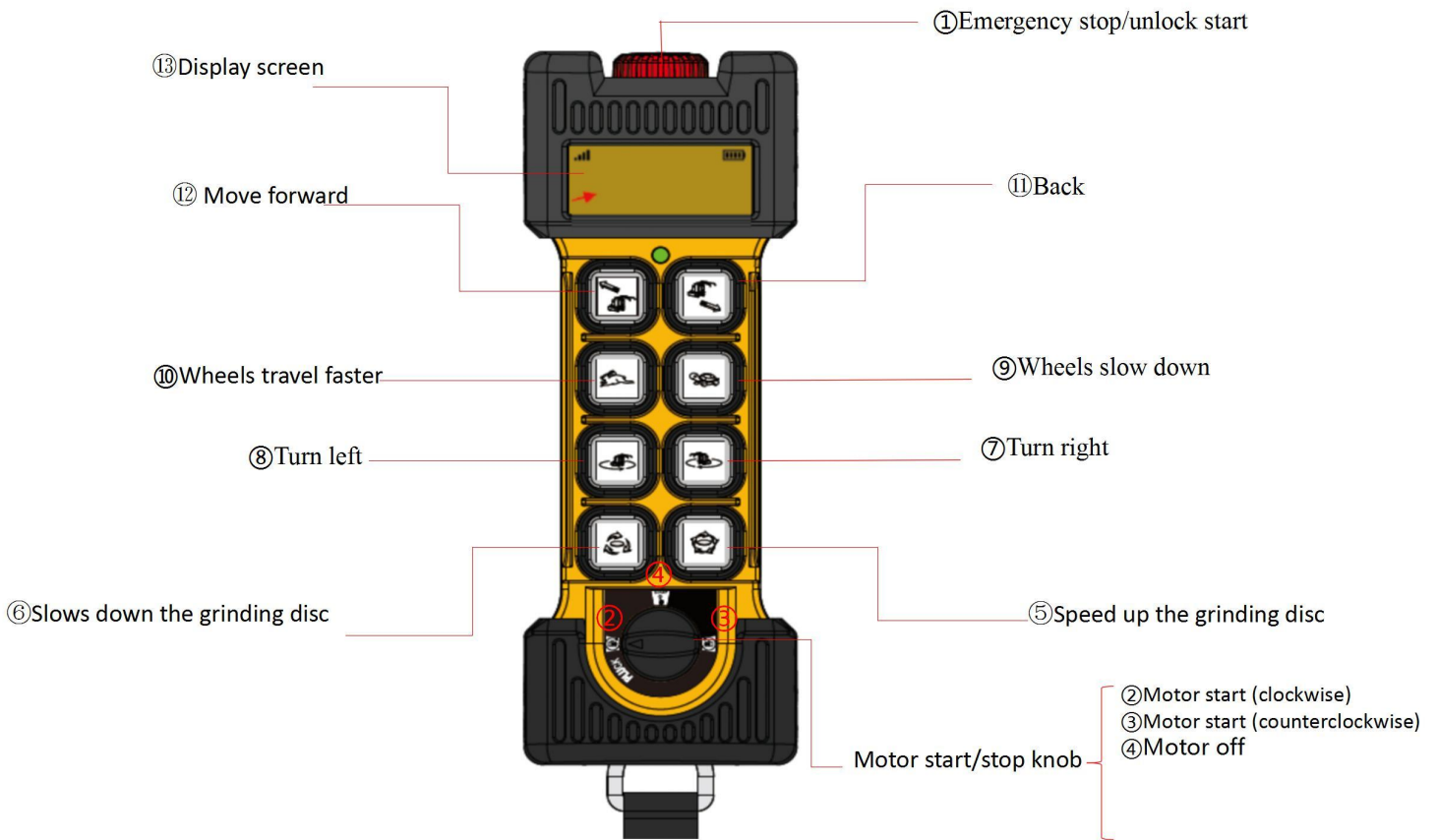
※Keep the linear distance between the remote control and the grinder within 100 meters, and there is no wall blocking in the middle, otherwise the signal will be greatly reduced.

※Please make sure that the ground will not be scratched by the bottom grinding disc before turning on the automatic walking function.

Remote control instructions

2. Product description

2.1 Schematic diagram of wireless emote control

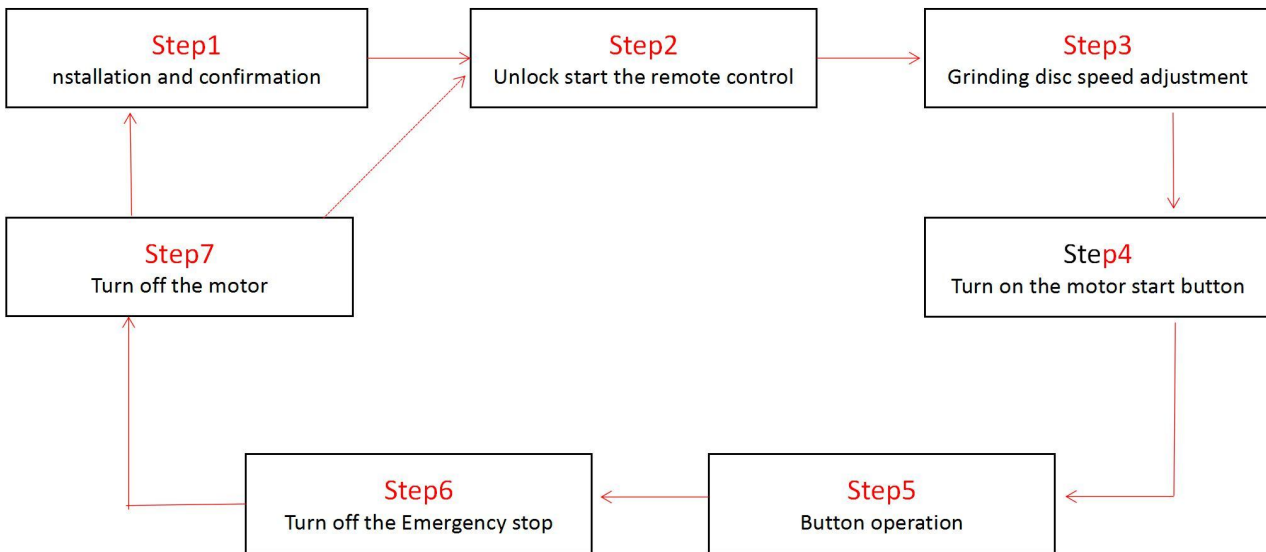


⑬ Display exploded view

Remote control instructions

2.2 The use process of remote control

※ The following instructions are carried out according to the process.



Step1. Installation and confirmation

※4 AA batteries are installed inside the remote control. If you need to replace it (usually 6 months after the new unit is purchased), please unplug the silicone shell, open the back of the remote control, and install it.

※In the absence of power, check whether the switches and buttons are damaged.

※Connect the grinder to the power supply with leakage protection device, and the machine's red indicator will light up.

※The national standard of cable is 6 square meters and above.

Remote control instructions

Step2.Unlock start the remote control

※ Turn the red emergency stop/unlock start knob ① at the top, and the automatic walking function of the grinder is turned on, and you can operate all the buttons on the remote control panel.

Step3.Grinding disc speed adjustment

※ Select the panel button ⑤ or ⑥ to give the initial speed signal to the grinding disc. You can press continuously to reach the initial speed you need. The design is to prevent the machine from scratching the ground during walking.

Step4.Turn on the motor start button

※ Turn the motor start/stop knob, adjust the gear to ② or ③, so that turn on the main motor of the grinder.If you want the motor to rotate clockwise, adjust to ②, if you want the motor to rotate counterclockwise, adjust to ③. The rotation direction of the motor directly determines the rotation direction of the bottom grinding disc, please choose according to your own preferences.

Remote control instructions

Step 5. Button operation

※ The remote control has 4 rows of white buttons, 2 in each row, 8 in total. Two buttons side by side in each row are the opposite result of the same function. Among them, ⑤ and ⑥ control the speed of the bottom grinding disc, ⑤ is acceleration, ⑥ is deceleration. Each time you press it, the speed will increase or decrease by 90 revolutions per minute; ⑦ and ⑧ control the direction of the grinder. ⑦ means turning to the right, and ⑧ means turning to the left. You can press and hold to control the desired turning angle, and the grinder will return to the right after loosening; ⑨ and ⑩ control the speed of the grinder wheel, ⑨ is deceleration, and ⑩ is acceleration. Each time you press it, the speed will decelerate or accelerate by 0.36 m/s; ⑪ and ⑫ control the forward or backward of the grinder, ⑪ is backward, and ⑫ is forward. Press once to select the corresponding direction.

※ All key results will be fed back on the display screen ⑬. ⑭ The signal is strong or weak. The strongest is 4 bars. Please avoid obstacles such as walls. If the signal is 2 bars, it is weak and you may not be able to use the remote control. ⑮ is the battery power, the full grid is 4 grids, if there is only 1 grid left, please replace the battery. ⑯ is the walking speed of the wheels of the grinder, you can adjust it according to your needs, the best state is 8 m/s. ⑰ is the feedback of the forward or backward of the grinder. If you press ⑪, the indicator light below flashes, and if you press ⑫, the indicator light above flashes. ⑱ is the feedback of the left and right direction of the grinder. If you press ⑦, the upper indicator flashes, and if you press ⑧, the lower indicator flashes. ⑲ is the rotation speed of the grinding disc, you can adjust it according to your needs, but the minimum rotation speed shall not be lower than 1500 rpm.

Remote control instructions

Step6. Turn off the Emergency stop

※ Press the emergency stop/unlock start knob ① on the top of the remote control, and the wireless remote control is turned off at this time.

Step7. Turn off the motor

※ Immediately after the previous step, turn the motor start/stop knob to adjust the gear to ④, at this time the main motor of the grinder stops working.

※ If you want to continue using the remote control, please start the loop operation from step 2.

2.3 special reminder

※ The remote control is set with the memory function, as long as the power of the grinder cable is not cut off, even if the remote control is turned off, when the remote control is turned on again, the grinder will work as it was last time.

※ In order to avoid scratching the ground, the remote control is set to open the remote control only when the main motor is working (the knob at the bottom is in the ② or ③ position) (the top is unlocked ①). So please make sure to operate Step6 immediately after Step5. If you find that when you turn on the remote control (top unlock ①), press the 8 white buttons but the grinder does not respond, check whether the bottom knob is in the ④ position, if not, press button ①, then Turn the bottom knob to the ④ position, then turn to the ② or ③ position, and then turn on the remote control (top unlock ①).

Remote control instructions

※The remote control screen is in power-saving mode, and only has 20 seconds of screen-on time when it is not operated. During the black screen, press any key to wake up.

※ If the equipment does not enter the emergency stop state by pressing the emergency stop button, immediately cut off the power supply to make the grinder stop working, and stop using the remote control to contact the after-sales service department in time.

3.Product parameters

※Radio frequency band 850~870MHZ

※Use condition environment

※Ambient temperature General purpose: -10~+45°C

※Special purpose (hot and cold): -40~+85°C

※Relative humidity is not more than 95%

※Atmospheric pressure 86~106kPa

※Corresponding measures should be taken (or use a specially customized remote control) when used in places with acid, alkali, corrosive gas, dust or strong magnetic interference.

※Effective control distance: standard 100m

※Protection grade IP65

Remote control instructions

4.Maintain

※The remote control should be checked frequently for damage or failure of accessories such as switches, and should be replaced in time.

※ If the remote control shell is damaged, cracked and leaked, it should be replaced.

※The remote control should be kept clean and tidy regularly, away from strong magnetic fields.

※It is recommended to check once every two weeks.

Remote control instructions

5. Warranty and after-sales

※The company guarantees that this product fully complies with the published specifications when it leaves the factory, and can be used normally as long as it is installed correctly.

※ Under the conditions of proper storage, reasonable installation and correct use by the user, the warranty period of this product is synchronized with the warranty period of the whole machine. During the warranty period, it is a product quality problem, and the company is responsible for repair or replacement. For more detailed maintenance policies, please refer to the machine manual.

※Matters not included in the aforementioned warranty

※Does not include fuse, battery and other wearable parts.

※ Does not include circuit board damage caused by improper use.

※Does not include failures caused by improper use, insufficient maintenance or self-setting interface by customers.

Remote control instructions

6.Physical picture



If you want to continue to understand the instructions for using the floor grinder, please turn to page 24.

Drive system instructions

1. Precautions

- ※ The drive system needs to be powered on before it can be used.
- ※ When using the drive system without grinding, remember to use the Rocker to lift the gear box up so that the bottom of the machine is off the ground to avoid scratches on the ground.
- ※ Pay attention to the surrounding environment to prevent the machine from hurting people or the machine from falling or colliding.



- ① Emergency stop switch
- ② Start switch
- ③ Grinding speed switch
- ④ Forward/backward control switch
- ⑤ Direction control switch
- ⑥ Walking speed control switch
- ⑦ Rocker

Drive system instructions

2.Steps

※ Turn on the power to ensure the power supply is safe and stable.

※ If you need to turn on the drive system in the grinding state, you need to rotate and raise the emergency stop switch①, press the start switch②, adjust the speed control switch of the grinding disc③, press the forward/backward control switch④, adjust the walking speed switch⑥, if you need to adjust the direction, adjust Direction control switch⑤.

※ If you only turn on the drive system and do not need to grind, you need to first use the Rocker⑦ to get the bottom of the machine off the ground, then rotate to raise the emergency stop switch ①, press the forward/backward control switch ④, adjust the walking speed switch ⑥. If you need to adjust the direction , Then adjust the direction control switch ⑤.

※

If you want to continue to understand the instructions for using the floor grinder, please turn to page 24.

Floor grinder instructions

1.Applicable model

※ Planetary floor grinder



※ Integrated-system floor grinder



Floor grinder instructions

※ High-end floor grinder

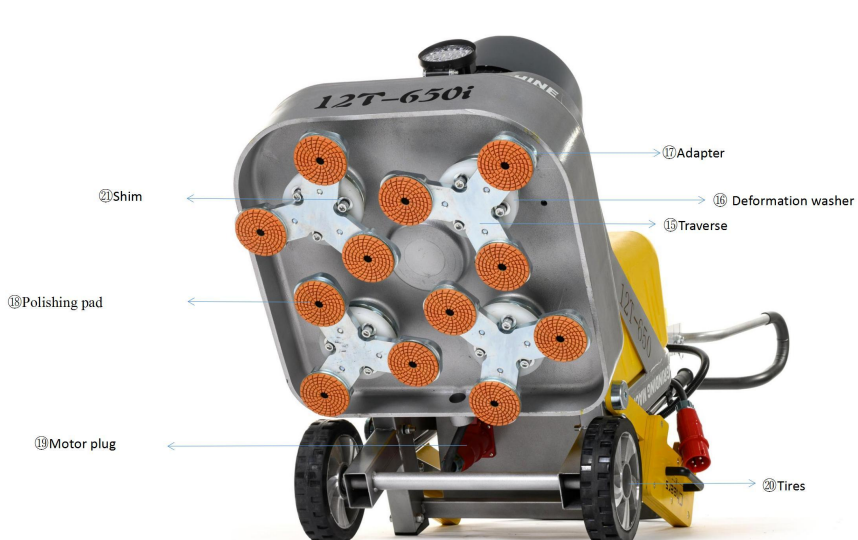


※ Economic floor grinder



Floor grinder instructions

2.Diagram



Floor grinder instructions

3.Precautions

- ※ The input power terminal must adopt a leakage protection device.
- ※ Connect the power supply that matches the mode of the machine.
- ※ The power supply must be grounded.
- ※ Must keep the electrical original dry.
- ※ Insulating gloves and insulated rubber shoes must be worn during construction.
- ※ Avoid obstacles during construction.

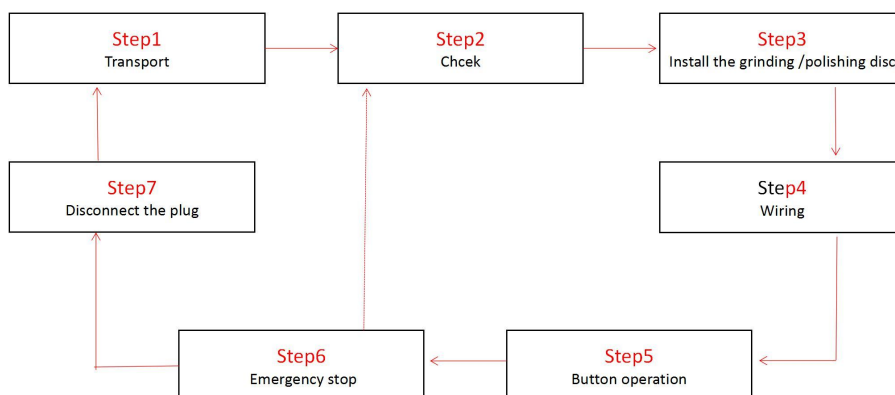


Floor grinder instructions

4. The best choice for cables

- ※ The national standard cable must be purchased.
- ※ Please purchase 4 wires for 380V cables, and 3 wires for 220V.
- ※ If the floor grinder motor is 4KW, 380v, or 4KW, 220V, or 7.5KW, 380, you must use the national standard 4 square and above cable.
- ※ If the floor grinder motor is .5KW,220v, or11KW,380V, or15KW,380, you must use the national standard 4 square and above cable.
- ※ The surface of the cable must not be worn out, it is best to buy a wear-resistant surface.
- ※ The shorter the cable, the more stable the voltage. Please choose a shorter cable within the available range.

5. Operation tutorial



Floor grinder instructions

Step1.Transport

※ If it is a grinder with remote control or drive mode, please rotate and pull out the clutches on the left and right wheels before pushing it manually. If you want to use the remote control or drive mode, you must rotate and retract the clutches on the left and right wheels before starting it.

※ First turn the weighting block ⑬ back. Then adjust the angle of the panel ③, stand on the back and step on the fram ⑪, hold the handle ① with both hands. With a swell, one foot pushes down strongly while the other foot extends backward, and both hands are pulled down. The machine slowly tilts backwards and can be pushed forward or pulled backwards. If you need to replace the grinding disc, place it slowly on the ground until it can be steadily attached to the ground.

※ If there are many people to carry, you can use the stick ⑧ to lift the machine. Remove the stick and insert it into the two round holes under the motor to form a grip point.

Step2. Chcek

※ Rotate the traverse ⑮ by hand, and check whether the rotation is flexible or not, whether the deformation washer ⑯ is deformed or nor, whether the steel sleeve ⑰ is deformed or not, whether the screw is loose or not, and check whether the clearance of the traverse is even. Check whether the plug ⑩ and switch ④ are in good condition. Ensure that the above-mentioned wearing parts are normal before construction.

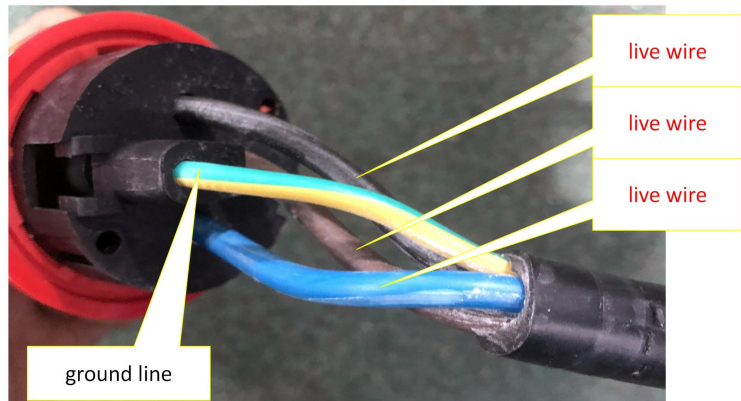
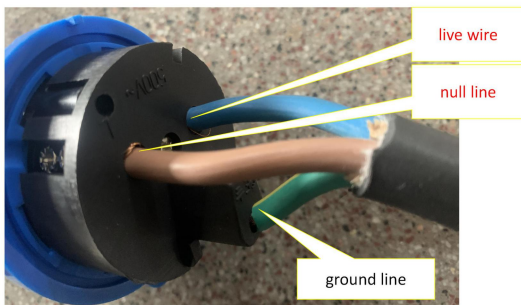
Floor grinder instructions

Step3. Install the grinding

※ If installing a diamond blade, please align the hole of the blade with the hole at the bottom and use a magnet to attract it. If you install the resin polishing pad, you need to use the adapter to attach the resin polishing pad, and then align the hole of the adapter with the hole at the bottom, and use the magnet for adsorption.

Step4.Wiring

※ Connect the cable according to the picture, and insert the male and female plugs tightly.



Floor grinder instructions

Step5.Button operation

※ There are 6 different panels listed here. The buttons on each panel have the same function. They are: emergency stop button, start button, speed regulating switch, searchlight switch, power indicator light (red), running indicator light (green).

※ When starting the machine, first turn to unlock the emergency stop button, then press the start button, and finally slowly turn the speed control knob to the required construction speed until it enters the normal grinding state.

※ **Special note: Since the machine is configured for high-efficiency operation, low-speed grinding cannot be used. Please be sure to adjust the lowest rotation to 60% and above of the highest rotation. Under low-speed grinding, the motor is easy to overheat, which forces the machine to stop running. For example, if the maximum rotation displayed on the machine panel is 2800 rpm, the minimum rotation shall not be lower than 1680 rpm.**

Step6.Emergency stop

※ If you want to turn off the machine or encounter special circumstances, press the emergency stop button, and the machine will stop working immediately.

Floor grinder instructions

Step7. Disconnect the plug

※ After the grinding is finished, unplug the power plug after the machine is stopped.

※ When the machine is running, it must be moved at a constant speed and must not be ground on the spot to avoid damage to the ground. In addition, the machine should avoid protrusions on the ground, such as steel bars.

6. Maintenance

※ For 4 hours of continuous work, just take a break.

※ After a working day, please remove the mud and dust at the bottom. Use an air gun or water gun to wash the bottom. It is strictly forbidden to wash the electrical parts.

※ Regularly check the bottom wearing parts.

Floor grinder instructions



Small size floor grinder instructions

1. Applicable model



Small size floor grinder instructions

2.Diagram

3.Precautions

※ The input power terminal must adopt a leakage protection device.

※ Connect the power supply that matches the mode of the machine.



※ The power supply must be grounded.

※ Must keep the electrical original dry.

※ Insulating gloves and insulated rubber shoes must be worn during construction.

※ Avoid obstacles during construction.

Small size floor grinder instructions

4. The best choice for cables

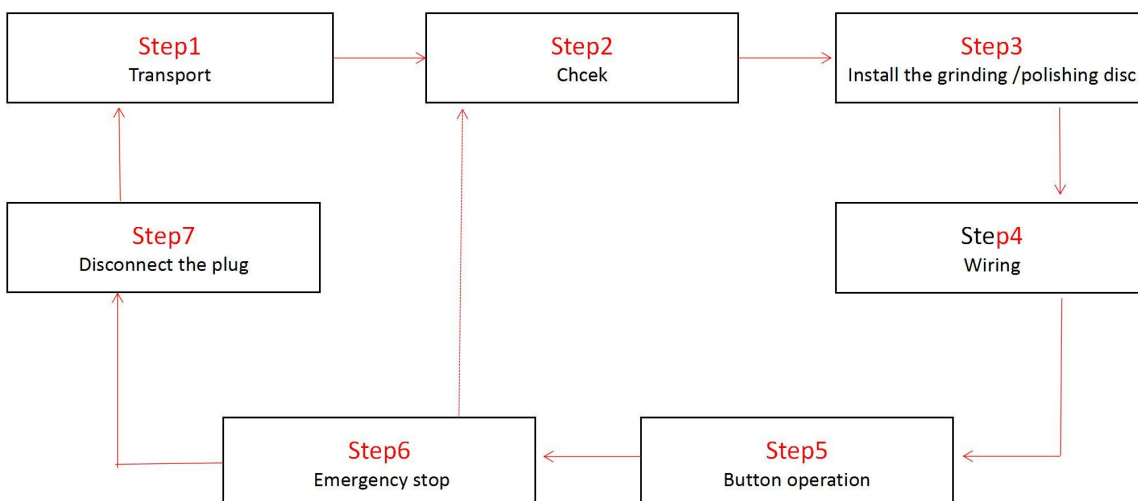
※ 180T, 250D, 250, 450 four types of grinders all have a wire (including plug) 15 meters, no need to prepare a cable.

※ 280D grinding machine needs to use national standard 4 square cable, 380V cable please purchase 4 wires, 220V is 3 wires.

※ The surface of the cable must not be worn out, it is best to buy a wear-resistant surface.

※ The shorter the cable, the more stable the voltage. Please choose a shorter cable within the available range.

5. Operation tutorial



Small size floor grinder instructions

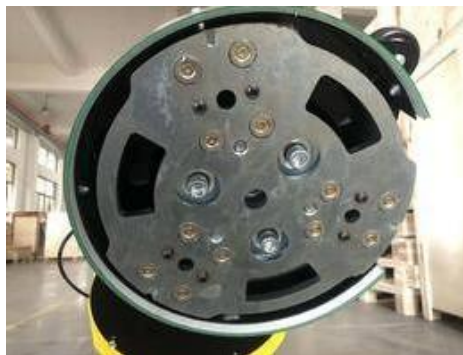
Step1. Transport

※ Adjust the handle of the machine to the last gear, so that the machine can be easily pressed down, and then it can be easily pushed. If you need to fold the machine, please adjust the handle to the frontmost position.



Step2. Chcek

※ Rotate the bottom grinding disc by hand to check whether the rotation is flexible, and check whether the plug and switch are in good condition.



Small size floor grinder instructions

Step3. Install the grinding /polishing disc

※ Grinder 180T install 1 piece of 7-inch cup wheel or 1 piece of resin polishing pad



※ Grinder 250D,250,250H install 1 piece 10-inch diamond disc or 3 pieces fan-shaped diamond discs or 3 pieces 3-inch resin polishing pads.



Small size floor grinder instructions

※ Grinder 280 install 3 pieces 4-inch diamond discs or 4 pieces 4-inch resin polishing pads.



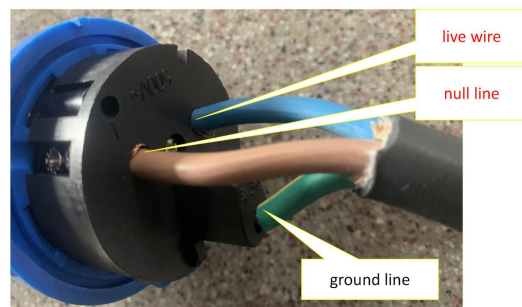
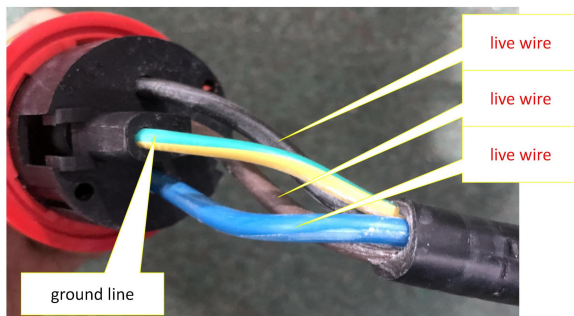
※ Grinder 450,450H install 3 pieces 7-inch cup wheel or 6 pieces 4-inch cup wheel, or 6 pieces fan-shaped diamond discs.



Small size floor grinder instructions

Step4. Wiring

※ 180T, 250D, 250, 250H, 450, 450H do not need wiring, directly plug into the corresponding wall socket. 280D needs to be connected to a cable.



Step5. Button operation



Small size floor grinder instructions

Step6. Emergency stop

※ If you want to turn off the machine or encounter special circumstances, press the emergency stop button, and the machine will stop working immediately.

Step7. Disconnect the plug

※ After the grinding is finished, unplug the power plug after the machine is stopped.

Floor polisher instruction

1. Applicable model



※ The 27-inch is used for polishing concrete and terrazzo, and the 20-inch is used for crystallization and waxing of marble, granite, ceramic tiles, and wood.

Floor polisher instruction

2. Diagram



Precautions

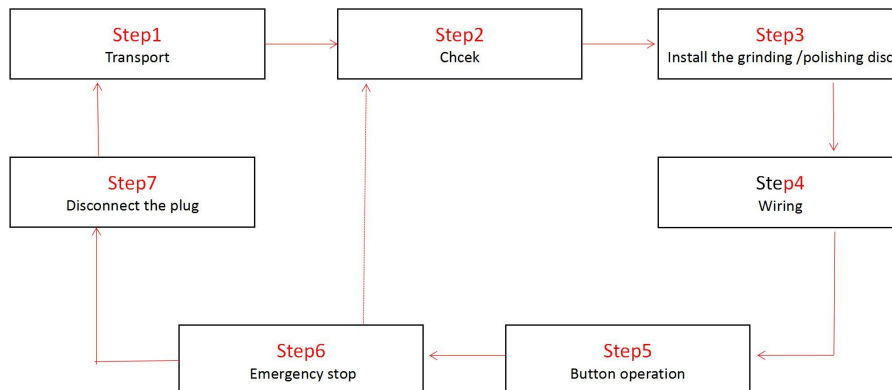
- ※ The input power terminal must adopt a leakage protection device.
- ※ Connect the power supply that matches the mode of the machine.
- ※ The power supply must be grounded.
- ※ Must keep the electrical original dry.
- ※ Insulating gloves and insulated rubber shoes must be worn during construction.
- ※ Avoid obstacles during construction.

Floor polisher instruction

3.The best choice for cables

- ※ The national standard cable must be purchased.
- ※ Please purchase 4 wires for 380V cables, and 3 wires for 220V.
- ※ If the floor grinder motor is 4KW, 380v, or 4KW, 220V, or 7.5KW, 380, you must use the national standard 4 square and above cable.
- ※ If the floor grinder motor is .5KW,220v, or11KW,380V, or15KW,380, you must use the national standard 4 square and above cable.
- ※ The surface of the cable must not be worn out, it is best to buy a wear-resistant surface.
- ※ The shorter the cable, the more stable the voltage. Please choose a shorter cable within the available range.

4.Operation tutorial



Floor polisher instruction

Step1. Transport

※ Use the panel angle adjuster ③ to adjust the panel to a vertical state, and then press the machine backwards accordingly. At this time, the machine can be dumped and placed on the ground or pushed.

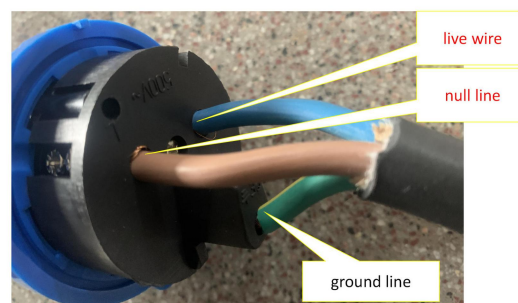
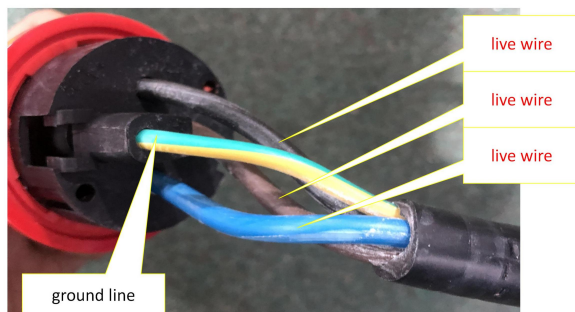
Step2. Chcek

※ Rotate the plate ⑨ by hand to check whether the plate is flexible, whether it rotates horizontally, whether there is abnormal noise, and whether the hook on the plate surface is damaged. Check if the plug and switch are damaged.

Step3. install the polishing pad

※ Attach the polishing pad ⑪ to the plate ⑨, and press while sticking to make sure the edges are aligned. Then lift up the machine.

Step4. Wiring



Floor polisher instruction

Step5. Button operation

※ Rotate the plate ⑨ by hand to check whether the plate is flexible, whether it rotates horizontally, whether there is abnormal noise, and whether the hook on the plate surface is damaged. Check if the plug and switch are damaged.



Step6. Emergency stop

※ If you want to turn off the machine or encounter special circumstances, press the emergency stop button, and the machine will stop working immediately.

Step7. Disconnect the plug

※ After the grinding is finished, unplug the power plug after the machine is stopped.

Floor polisher instruction



Quality assurance

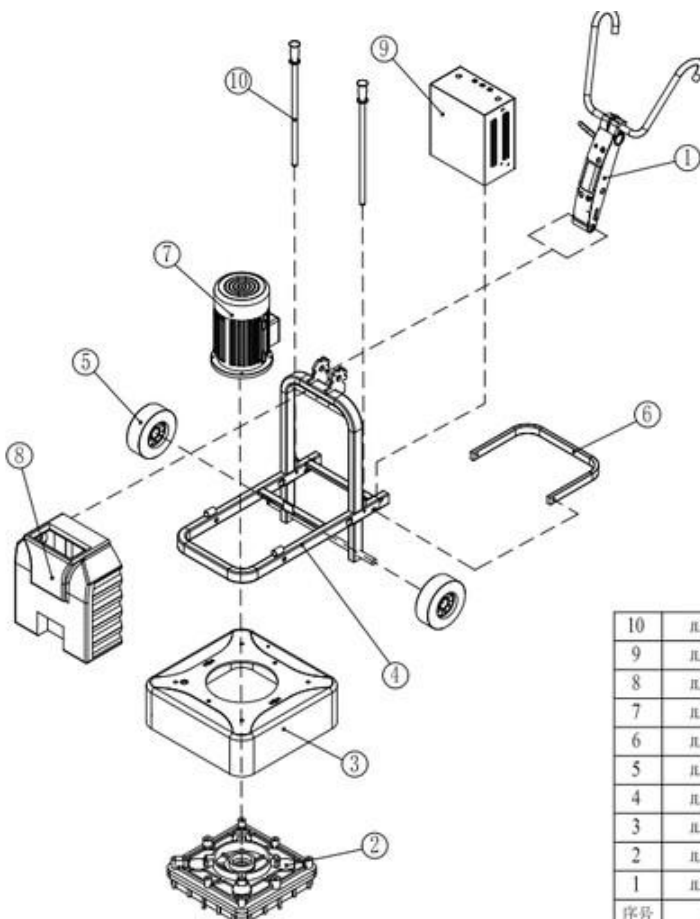
1. Warranty

※ All purchases of the company's products, one year from the date of purchase (by purchase invoice or manifest) one year warranty.

2. Warranty scope

※ Explosive view

In the figure below, in addition to wheels, switches, wires, and screws, which are vulnerable parts, other parts such as motors, frequency converters, gear boxes, and machine frames are guaranteed for one year.

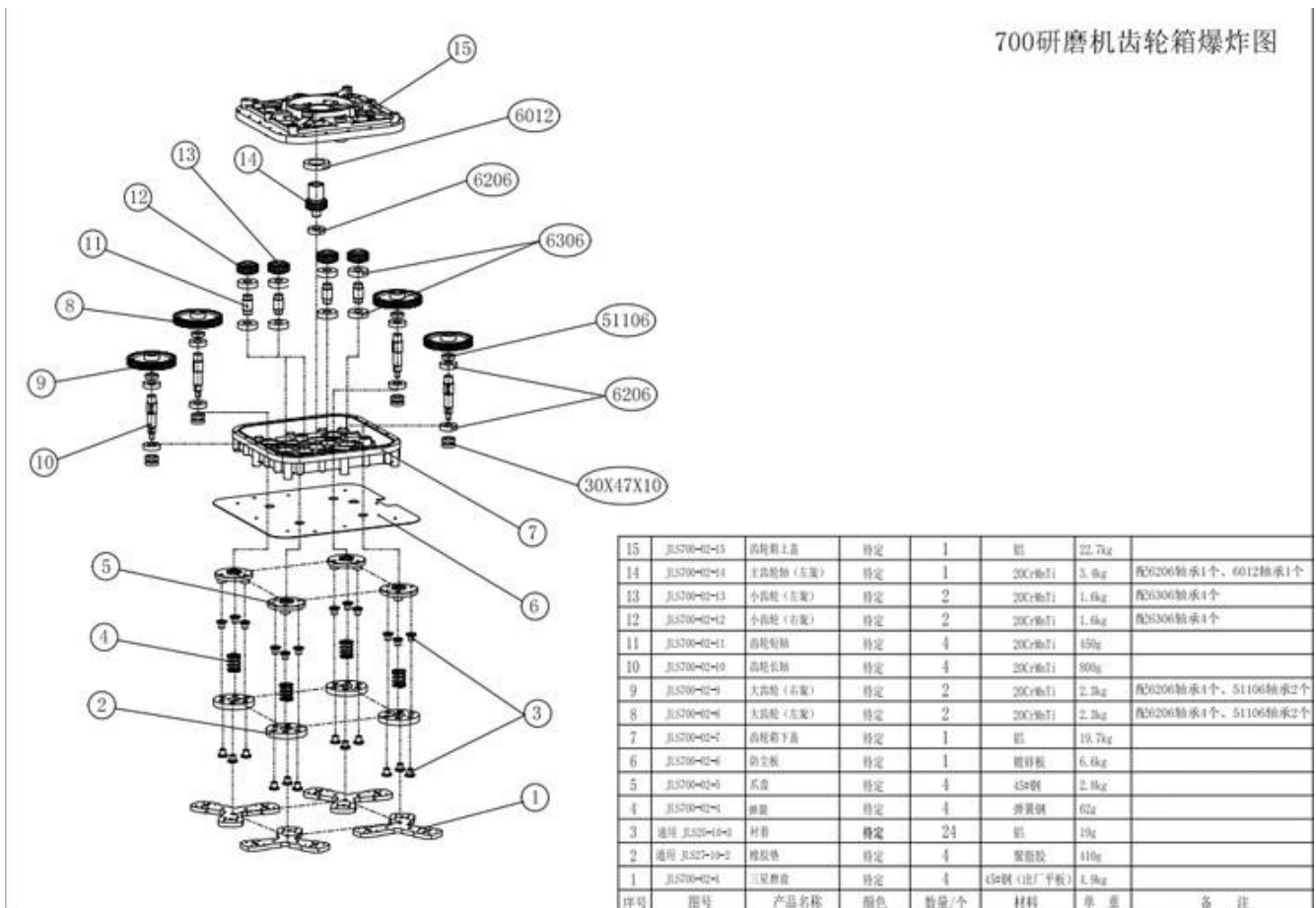


700研磨机爆炸图

10	JLS700-10	轴杠	特定	2			
9	JLS700-09	电箱	特定	1	1MM铁板		
8	JLS700-08	水箱	特定	1			
7	JLS700-07	11KW电机	特定	1			
6	JLS700-06	机架 Feet	特定	1	40X20方管		
5	JLS700-05	轮胎	特定	2			
4	JLS700-04	机架总成	特定	1			
3	JLS700-03	铝罩壳	特定	1	铝		
2	JLS700-02	齿轮箱爆炸图	特定	1			
1	JLS700-01	手柄爆炸图	特定	1			
序号	图号	产品名称	颜色	数量/个	材料	单重	备注

Quality assurance

In the picture below, the ①traverse, ②deformation washer, ③shim, ④spring, ⑤coupler, at the bottom of the gearbox are all wearing parts, and other parts are guaranteed for one year.



※ The following situations are not covered by the warranty

① Abnormal use of electricity, abnormal grinding, damage to the motor and electrical

② Damage caused by improper use, maintenance, or storage

③ Unauthorized disassembly of the repair point caused by the company

User manual
