

Manual

HTG-820 RC Remote Control Grinding



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1. Introduction

1.1 Summary

XINGYI Machine are used for processing the floor surface. The scope of use of the machine depends on the choice of tools. In addition to the use and general functions, this manual describes information on the use, repair, and maintenance of the grinder. Contact your local dealer for further information.

1.2 Liability

We make every effort to make this manual as complete and accurate as possible, and we are not responsible for any errors or loss of information. XINGYI reserves the right to change the instructions in this manual without prior notice.

This manual is protected by copyright law and cannot be reproduced or used in any part without the express written consent of XINGYI.

1.3 Warranty

This warranty only covers manufacturing defects. XINGYI bears no responsibility for damage that arises or occurs during transportation, unpacking or use. In no instance and under no circumstances shall the manufacturer be held responsible for damage and defects caused by incorrect use, corrosion or use outside the prescribed specifications. The manufacturer is not responsible for indirect damage or costs under any circumstances. For complete information on the manufacturer's warranty period, see XINGYI MACHINE USA's current warranty terms. Local distributors may have special warranty terms specified in their terms of sale, delivery and warranty. If there is any uncertainty regarding warranty terms, please contact your dealer.

2. Safety

This manual indicates the important information / rules that must be observed when using XINGYI's machine.

2.1 Operation safety

Users of machines from XINGYI have the ultimate responsibility for ensuring that everybody who works with or in the vicinity of the equipment follows all applicable safety rules. Safety measures must meet the requirements that apply to this type of equipment. Apart from the standard rules that apply in the workplace, the recommendations in this manual shall also be observed.

All work must be done by trained personnel. Users of machines from XINGYI must have read through the dedicated manual for the machine. Incorrect use of the equipment could result in situations that could cause harm to the operator, the surroundings, or the machine.

Machines from XINGYI may only be used in the way recommended by XINGYI. Machines from XINGYI may only be used for commercial purposes.

Anyone using the machine shall know about:

- its functions

- location of emergency stops
- the safety rules for the work

The operator shall ensure that:

- No unauthorized person is stationed within the work area when the machine is started up

The workplace shall:

- be suitable for the purpose.
- be secured from loose objects that can be thrown out by the machine.
- be free from protruding bolts etc. on the surface to be processed.

Individuals in the workplace shall always use the recommended personal protective equipment and wear suitable clothing:

- safety goggles
- protective gloves
- steel toe safety shoes
- hearing protection
- respiratory mask
- Do not wear loose-fitting clothing or anything that can catch, such as scarves, bracelets, rings, etc.

General precautions:

- Check the machine is connected to an earthed wall socket.
- Work on live parts shall only be performed by qualified personnel.
- Suitable fire extinguishers should be clearly marked and close to hand.
- Maintenance of the equipment must not be performed during operation.

2.2 Electrical safety

- Work on live parts shall only be performed by qualified personnel.
- The cables and connectors shall meet the machine's specifications.
- The machine is equipped with an overload protector. Once trip the overload protector, power off and then power in to resume it.
- Check the cords before powering in. Any broken cords may cause a serious accident.
- The wires should be away from the high temperature surface.
- Keep motor, electrical box, and inverter away from water.

3. General information

3.1 Delivery

Check the packaging and equipment carefully on delivery for any possible transport damage. If there is any sign of damage, contact the dealer and report the damage by photos, report form or any other necessary evidence in the first place. Report packaging damage to the carrier as

well. Check whether the delivery meets the order. If you have any questions, please contact the dealer.

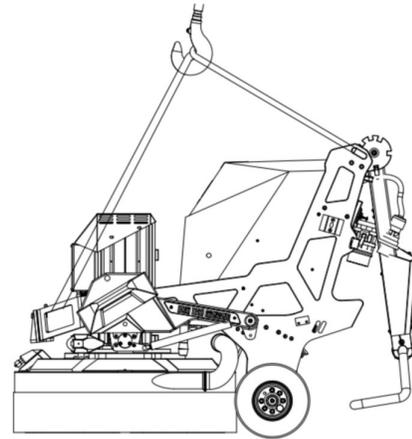
3.2 Transport

Always make sure that the machine is securely anchored to its surroundings and that the grinding head is lowered on to the surface. Tighten the securing straps, or other equipment used for anchoring during transport over non-moving parts, e.g. the machine's chassis. This machine has a protective cover for the electronic display screen; be sure this is in place during transport.

3.3 Lifting

The machine can also be lifted using the lifting eyes provided or using other approved lifting equipment. In which case, make sure that the weights are locked in the forward position and that the handle is in its back position. When lifting the machine, lifting straps must be used.

The image shows the correct configuration for lifting the machine using a crane or forklift. Always use the designated lifting eyes on the frame. Use the lifting straps that come with the machine, or straps that are sufficient for the weight of the machine. Be sure that the area is clear before lifting, be sure there are no people under the machine during lifting.



3.4 Storage

The grinding machine should be stored in a heated, dry place at normal temperature when not in use. It may be damaged by condensation and cold.

4. Machine description

The HTG-820RC is used to grind (rough grind, fine grind, and polish) concrete, natural stone and terrazzo floors or other materials specified in this manual or recommend by XINGYI. This machine is expected to be used in commercial applications such as hotels, schools, hospitals, factories, offices and warehouses and retail environments.

The HTG-820RC is equipped with a radio control, which allows remote control of the machine at a certain distance. It is feasible to complete setup changes and operations with a few buttons. The digital display on the panel allows the operator to adjust and monitor system information easily, making it easy for users to operate. It comes with a 3.5-inch digital color display. This machine is equipped with a water tank that can be used for wet grinding. The handle can be set in different positions. When the machine is manually operated, you can choose the most suitable position for the operator. For remote control grinding the handle can be placed in a position that is out of the way of operations.

To prevent crystalline silica exposure, posing a threat to the health of the operator and other workers, when dry grinding, make sure that a dust collection system of the proper CFM is connected to the grinder (The recommended dust collector for this machine is the Xingyi IVC-45L).

4.1 Standard delivery

The machine will go with the following items. If anything is lost, please contact your dealer.

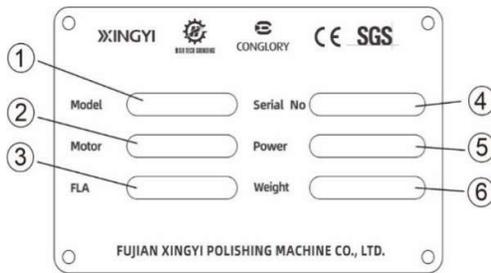
- full dust skirt, 1
- female power connector, 1 (male connector on the machine)
- Remote control case, including the remote controller, two batteries, a charger, a charger for the transport battery, and a shoulder strap.
- Two keys for the main electrical box
- 24 of 3" Velcro tooling adaptors
- lifting strap, 1

4.2 General diagram



- | | |
|----------------------------------|-------------------------------|
| 1. Control panel | 12. Water tank |
| 2. Handlebar | 13. Motor |
| 3. Handlebar adjusting pin | 14. Frame |
| 4. Main handle | 15. Transport wheel kit |
| 5. Power connector (male) | 16. Gear house |
| 6. Neutral position weight block | 17. Spotlights (left & right) |
| 7. Weight kit | 18. Battery charger |
| 8. Weight locking pin | 19. Power connector (female) |
| 9. Air spring for weight | 20. Remote control kit |
| 10. Rubber drive wheel | 21. Dust shroud |
| 11. Wheel locking pin | |

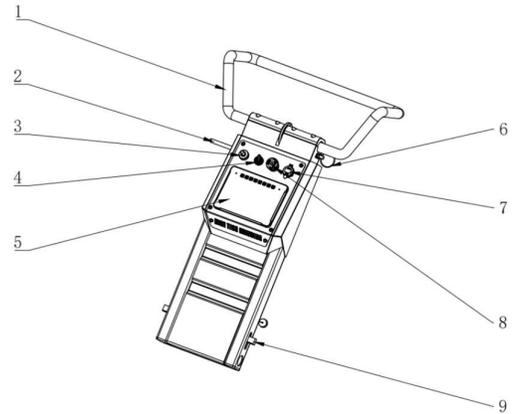
ID Plate



1. Model name
1. Rated power
2. Full load amps
3. Serial number
4. Rated voltage, phase, frequency
5. Weight

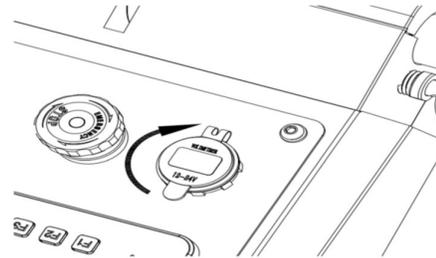
4.3 Main handle

1. handlebar
2. handle position lever
3. potentiometer for motor speed
4. direction switch, forward/reverse/neutral
5. display screen
6. handlebar adjusting pin
7. USB charge port
8. emergency stop switch
9. handle position notch pin



4.4 USB charger port

There is a USB charge port on the control panel. Lift the cover to use the USB interface to charge mobile phones or other devices. Keep the cover closed when not in use to prevent dust or moisture from entering the interface.



4.5 Display screen

The display screen is operated by pressing the function buttons at the bottom of the screen.

F1 button will display.

- motor speed
- working hours
- travel speed
- voltage

F2 button will display.

- technical parameters for the grinding motor
- technical parameters for the left travel motor
- technical parameters for the right travel motor

F3 button will display.



- Remaining maintenance time, after maintenance has been completed hold the F3 button for 3 seconds to reset the clock to 0.

F4 button will display.

- Error codes and troubleshooting fault codes.

F5 button will display.

- Language selection
- Screen brightness
- Maintenance clock
- System time
- Left shift (select)
- Right shift (select)
- Plus (click to add)
- Minus (click to subtract)

F6 button will display.

- turn lights on or off.

F7 button will display.

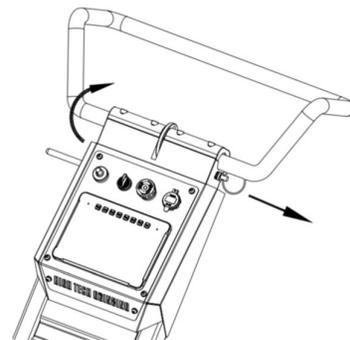
- Turn water jets on front of machine

F8 button will display.

- Enter the lock code for the machine. (issued by Xingyi)
- Left shift (select)
- Right shift (select)
- Plus (click to add)
- Minus (click to subtract)

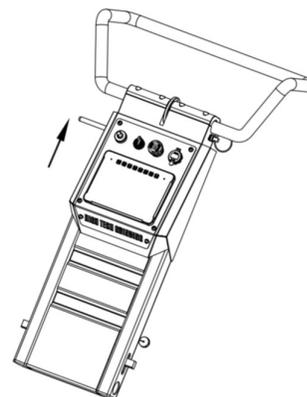
4.6 Handlebar adjustment

The handlebar adjusting pin can be positioned at different positions to accommodate the specific user. Hold the handlebar with one hand, pull out the adjusting pin with the other hand, then release the adjusting bolt when it is rotated to proper position. Be sure that the pin has locked into a secure position.



4.7 Main handle adjustment

Use the handle position lever to adjust the position of the handle. Hold the handle tightly with one hand to support the handle, pull the lever up to release the handle, rotate the handle to a position that suits you best and release the lever to lock. Be sure that the handle has locked into a notch for sure operation.



4.8 Main electrical cabinet

1. Left Remote Operation Indicator (Red)

- Lights up when the machine is switched to remote operation mode.

Right Remote Pairing Indicator (Green)

- Illuminates when the remote control is successfully paired.

2. Timer

- Displays the total running time of
- the machine.

3. Battery Indicator

- Shows the current battery charge level of the machine.

4. Mode Selection Knob

- Allows switching between remote and manual operation modes.

5. Key Switch

- Starts the DC power supply. Always turn on DC power when operating in remote mode.

6. Inverter External Keypad

- Used for parameter adjustments.

7. Reserve Battery Charging Port

- Enables charging of the reserve battery.

8. Power Restraint Connector

- Connection port for power cables/wiring.

9. Charging Indicator Light

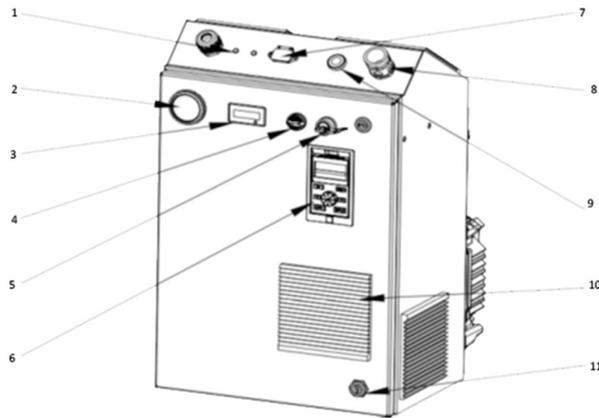
- Displays battery status during charging.

10. Fan Filter

- Houses the cooling fan to prevent overheating inside the cabinet.

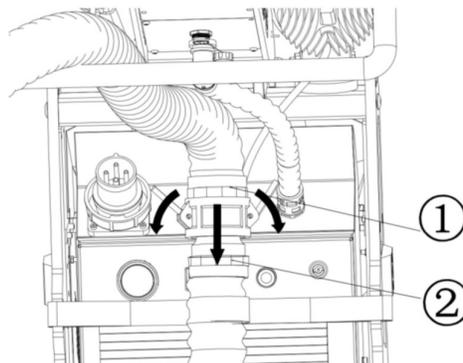
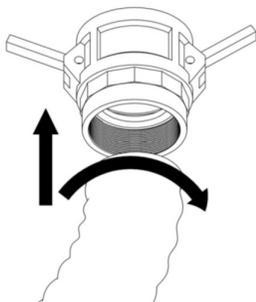
11. Main Electric Cabinet Key Lock

- Locks and secures the electric cabinet.



4.9 Vacuum quick connector

The fast connector consists of 2 parts, the part ① is connected to the vacuum tube (3”), the part ② is connected to the grinder. This allows for fast connection of the vacuum to the grinder.

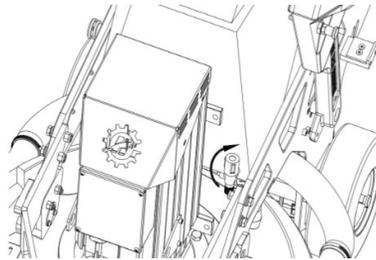
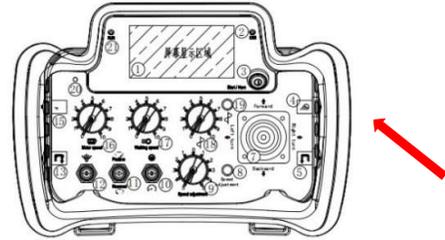
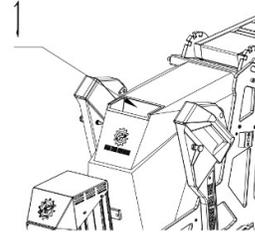


4.10 Water tank

There is a water inlet in front of the water tank. The heat vent openings on both sides of the water tank dissipate heat from the inverter box and can extend the service life of the electrical equipment inside the inverter box.

During wet grinding, press the front spray switch F7 in the HMI display on the handle to spray water in front of the machine. Or push up the switch on the side of the remote-control when you operate by remote control mode.

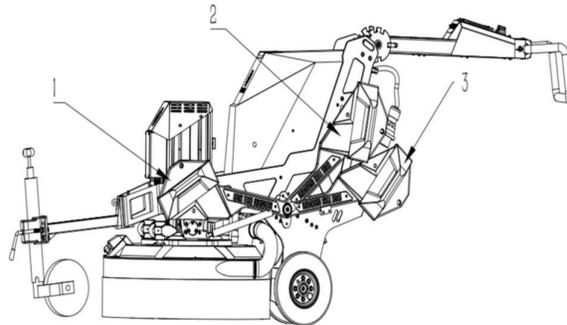
Also, rotate the water valve on the corner of the left side of water tank to provide a water flow to the grinding area.



4.11 Weight adjustments

The machine is equipped with two weights to make it easy to move the machine's center of gravity. Each weight is provided with a locking pin, and a front limiting stop and a rear limiting stop on the frame of each side as well as a neutral position weight block.

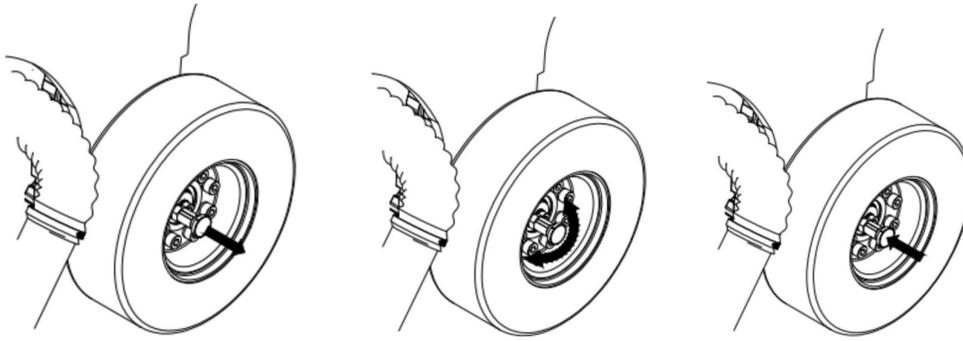
- Position 1: Pull the pin outwards and take hold of the weight and move the weight all the way forward until reaching the front limiting stop.
- Position 2: Lift the weight up until the pin locks into the neutral position weight block.
- Position 3: Pull the pin outwards and take hold of the weight and move the weight all the way backward until reach the rear limiting stop.



In order for the grinding pressure to be maximized, the weights shall be placed in position 1 and to be minimized in position 3. If the machine feels heavy to operate, it may be due to the placing of the weights. Raise the weights to position 2, position 3 to relieve the grinding head. Ensure that the weights are in the same position on both sides to prevent the risk of uneven grinding.

4.12 Wheel locking pins

For remote-controlled use, or battery transport, the wheel must be locked using the wheel pins located on both sides of the wheels.



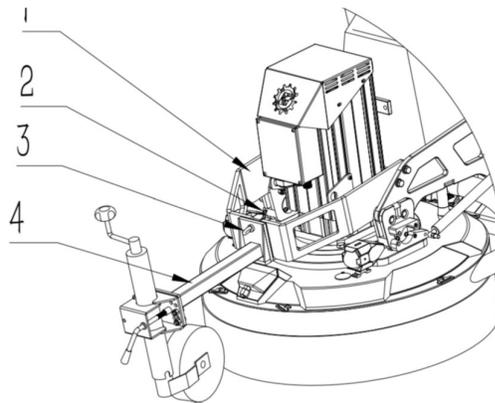
- To lock the wheels, turn the weight locking pin until it locks into the slot, so the pin will snap into the hole to lock the wheel.
- To unlock the wheels for manual operation, pull the pin out and turn it to make sure the pin is stuck to the housing which prevents the pin from snapping back into the wheel.

If the pin is tight, simply rock the machine slightly to relieve the tension and the pin will move freely.

4.13 Transport wheel

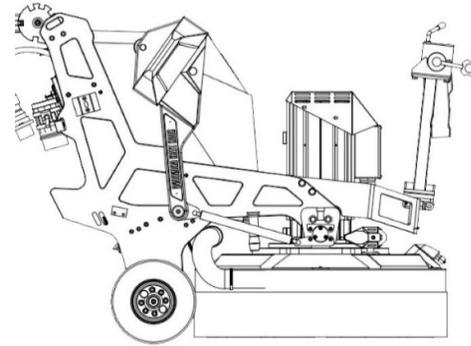
When using battery transport to mobilize the machine on a job site, it is more convenient and labor-saving to install the supporting wheel to move the grinder. Remove or place it in the up position when grinding.

1. Front wheel supporting frame
2. R-type cotter pin
3. Locating pin
4. Supporting wheel



- To remove the supporting wheel: press the emergency stop switch, crank the support wheel jack to the lowest position (so there is no weight on the wheel) remove the R-shaped split pin, remove the locating pin, remove the support wheel from the bracket.
- To install the supporting wheel: press the emergency stop switch, align the support wheel with the pin hole on front wheel support frame, then insert the wheel into the bracket, insert the R-type cotter pin, and lock the locating pin. Rotate the lever on the top in clockwise direction to raise the grinding head until it is off the ground.

- The support wheel may also be mounted to the front of the machine, upside down, when not in use. This allows for additional head weight and eliminates the need to store the wheel in another place.



4.14 Remote-control kit

The remote package includes:

- One remote-control unit
- Two batteries
- One charger
- One carrying strap for the remote

To charge a battery, place it in the charger slot and connect the charger to a 110V power supply. A spare battery is also provided by the manufacturer to ensure uninterrupted operation.



- | | |
|---|---|
| 1. Display screen shows voltage, motor speed. | 10. Tracking control. |
| 2. Battery charge indicator. | 11. Auto pilot switch, up is on, down is off. |
| 3. Start button, to engage grinding motor. | 12. Motor direction switch, clockwise or reverse. |
| 4. Light switch. | 13. Front water spray. |
| 5. Left turn button. | 14. Left turn button. |
| 6. Power switch for remote control. | 15. Program button. |
| 7. Joystick control, four directions. | 16. Motor speed. |
| 8. Travel speed knob. | 17. Emergency stop switch. |
| 9. Oscillation control. | |

4.15 One click turn feature

During grinding operations, when the machine is ready to turn, you can press the No. 14 button to turn right (or press the No. 5 button to turn left) as the machine is moving. After the turn is completed, the machine will continue to grind as normal. The amount of overlap is automatic. This feature is also used when setting up the autopilot feature.

4.16 Basic remote operation

Be sure to install a fully charged battery before beginning. Turn the key on the machine electrical box to engage the onboard systems, this will include the receiver for the remote. Next turn on the remote control using the switch on the side of the controller. Allow a few seconds for the remote to power up. The locking pins on the machine wheels must be engaged for the remote control to work, either for grinding or transport. The emergency stop on the machine control handle must be in the up position. See the specific instructions for each operation as needed.

5. Operation

The following section describes how to change tools and how to operate the machine in manual or remote-control mode.

The machine may be operated either way depending on the job site requirements and the operator's skill level. Only experienced operators should use the remote control to run the machine.

5.1 Handle setting

Place in the right working height using the various settings. Ensure that the handle lock locks properly in the position wanted when adjusting the handle.

5.2 Weight setting

Place the weights in the right position for current work. If the machine is heavy to operate, it may be due to the placing of the weights. Fold the weights up or back to unload the grinding head.

Risk of crushing.

Risk for the lock release.

5.3 Access to grinding tools.

WARNING

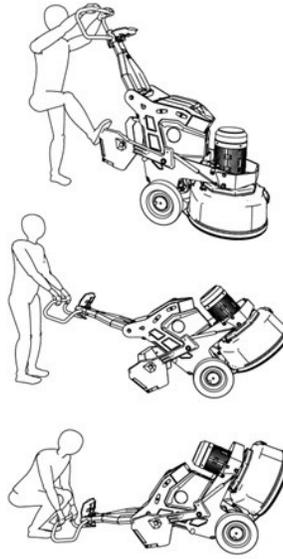


Risk of crushing.

Risk for personal injury and mechanical damage.

Disconnect the power prior to cleaning, maintenance, change of tools and repair.

Raise the handle to the high position in accordance with the Handle Settings page 9. Lower the weights back and place a foot on one of the weights. See Weight Kit page 14. Carefully, tip the machine backwards, until the weights reach the floor.



Ensure that the machine lies supported on the handle.

5.4 Fitting grinding tools

The machine uses 12 or 24 grinding tools.

Insert the flat screwdriver into the slot to remove the Velcro adapter. Align the 3 holes on the tool with the 3 pins on the plate and the tool will be attached immediately by magnet which is embedded in the tool plate. Unlock the tool plate.

The tool plate holds the tools in place for the grinding application.

5.5 Manual operation

1. Position the machine at the location where grinding operations will begin.
2. Remove the transport wheel or place it in the upright position so the grinding heads contact the ground.
3. Install the tooling on the grinding heads as required for the operation.
4. Connect the vacuum hose using the quick connector (for dry grinding). If performing wet grinding, ensure the water tank is filled instead.
5. Ensure the Emergency Stop switch is engaged (in the stop position).
6. Dis-engage the two locking pins on each wheel to allow the machine to move freely. Rock the machine slightly to help pull out the pins. Ensure that each pin is positioned in the right place.
7. Turn the mode selector switch to “Manual” operation.
8. Plug in the power supply into the machine. Verify that the voltage matches the machine’s requirements.
10. Release the Emergency Stop switch to disengage it.
11. Flip the rotation switch to the desired direction (clockwise or counterclockwise) to power on the motor.
12. Adjust the motor speed knob to start grinding. Increase or decrease the speed as appropriate for the tooling in use. The RPM is displayed on the control panel.
13. Push the machine manually to move it across the surface. Recommended grinding speed should not exceed 8–10 feet per minute.
14. To stop the machine, press the Emergency Stop switch.

5.6 Remote control operation

- 1–5. Same as above (see Section 5.5).
6. Engage the two locking pins on each wheel to lock the wheels and prepare for self-propelled mode. Rock the machine slightly to help the pins engage. Ensure that each pin clicks into the locked position.
7. Turn the mode selector switch to “Remote-Control” operation.
8. Turn on Key Switch to start the DC power supply.
9. Plug the power supply into the machine. Verify that the voltage matches the machine’s requirements.
10. Release the Emergency Stop switch to disengage it.
11. Install a fully charged battery into the remote-control unit. (Attach the shoulder strap for easier operation, if desired.)
12. Power on the remote control using the switch located on the left side.
13. Release the Emergency Stop switch on the remote control to disengage it. The indicator light on the electrical box should turn green, confirming that the remote is paired and ready for use.
14. Flip the rotation switch to the desired direction (clockwise or counterclockwise) to power on the motor.
15. Press the Start button on the remote control to begin grinding.
16. Adjust the motor speed knob on the remote to set the grinding speed. Increase or decrease as required for the tooling. The RPM is displayed on the remote unit screen.
17. Push the joystick forward slightly to move the machine over the surface.
18. Use the travel speed knob on the remote to adjust the walking speed. Steer and maneuver the grinder entirely via the remote control.
19. To stop all machine movement, press down the Emergency Stop switch on the remote.

5.7 Autopilot operation

The autopilot lets the grinder cover a programmed area automatically. Distance and turns are set using the remote control. You can watch our video on the Xingyi Machine USA website or by link <https://youtu.be/AF4Ae5ASiys>.

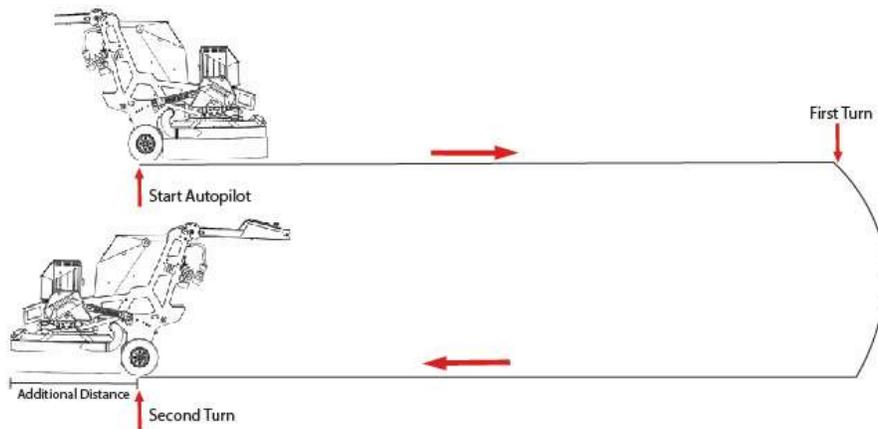
⚠ Important: Only trained operators should use this feature. Keep the path free of obstacles.

Steps:

1. Positioning
 - Place the grinder at the starting point.
 - Ensure the path is clear (no posts, penetrations, or equipment).
 - Start at least 6 ft away from walls (the head sits 4 ft in front of wheels on return passes).
2. Initial Setup
 - Start the grinder motor with the remote.
 - Push the joystick forward to move.
 - Keep the autopilot switch OFF (down) at this point.
3. Program Reset: Press the P (program) button → clears any previous memory.
4. Set Start Point: Flip autopilot switch ON (up) → this locks the starting point.
5. Mark Turn Point: Let the grinder move forward to the desired turn location.



6. First Turn
 - Press the one-click button (NOT joystick).
 - Choose left or right → machine makes a 90° turn, overlaps, then another 90° turn.
7. Path Adjustment
 - If over-rotated, use tracking control knob to realign.
 - Do not use joystick.
 - When the grinder returns to start, it will auto-initiate the next turn.
 - The grinder repeats pass between the two set points.
8. Operator Role
 - Manage vacuum hose and power cords.
 - Keep the remote attached to yourself for emergencies.
9. Stopping
 - Flip autopilot switch OFF (down), or
 - Press Emergency Stop on the remote.



5.8 Oscillation operation

The purpose of the oscillation control is to prevent the machine from creating ridge lines or stripping the floor. When engaged the machine will swing left and right during the pass automatically. The amount of swing is controlled by the oscillation knob on the remote control. This should only be used during heavy grinding or removal operations.



5.9 Overload protection

The machine comes with an overload protection circuit for the inverter in case of an overload event. Typically caused by incorrect power, or a power surge from a generator or unstable power source. If the machine becomes overloaded, a warning will appear on the control panel. Disconnect the machine from power and wait for the power to drain, (this can take up to 3 minutes). Re-connect the power supply and restart the machine.

Repairs should always be performed at a XINGYI Service Center, or by an authorized XINGYI mechanic. Contact your retailer for service options, parts, and information, or www.xingyimachineusa.com.

6. Movement

The machine can be transported either manually, or by using the remote control. Machine transport can be done without connecting the machine to a power supply.

6.1 Manual movement

1. Install the support wheel to raise the grinding machine from the ground. It is recommended that the lowest position of the grinding disc is one inch from the ground.
2. Unlock the wheel locking pins (see 4.12)
3. The machine can be pushed manually.

6.2 Battery-power movement

1. Install the support wheel to raise the grinding machine off the ground. It is recommended that the lowest point of the grinding disc is approximately 1 inch above the ground.
2. Lock the wheel locking pins. Ensure that the pins click securely into the slots (see section 4.12).
3. Turn the mode selector switch to “Remote-Control” operation.
4. Turn on Key Switch to start the DC power supply.
5. Release the Emergency Stop button on the handle.
6. Turn on the remote control and allow it to power up.
7. Release the Emergency Stop button on the remote.
8. Set the travel speed knob on the remote to a low setting.
9. Press the Start button on the remote. The light will turn green.
10. Push the joystick forward to begin movement. Steering and direction are now controlled by the remote. Use the travel speed knob to adjust speed.
11. Press the Emergency Stop button to stop all movement.

Operating on sloping surfaces

- Ensure the battery system has at least 60% charge before operating on ramps or other inclined surfaces.
- Confirm that the wheel locking pins are securely engaged.
- Do not exceed a maximum slope of 20%.
- Always move the machine forward when going uphill and in reverse when going downhill.
- Keep the weights always positioned forward to reduce the risk of the machine tipping backward.
- Make sure no personnel are present below the machine while it is moving on a slope.
- Be sure that the area around the machine is free and clear of any debris or tools before moving.

7. Maintenance

We recommend that the grinding machine be checked regularly to extend the service life. Always be sure that the machine is unplugged from power when performing maintenance or repairs.

7.1 Daily maintenance

We should include keeping the machine free of dust and as clean as possible. Use a vacuum to remove excess dust from the grinding heads and other critical areas of the machine. The grinding heads should be cleaned when changing abrasives, the magnets will collect dust and metal fragments from the tooling. This can cause the tools to not sit properly on the head, loose tools may fly off and or cause irregular scratches in the floor. Check the switches on the control panel to ensure all the functions are working properly. This can be done with battery power, simply turn on the key switch. Clean the switches as needed using a soft brush or cleaning rag. Do not use water to clean the switches.

7.2 Monthly maintenance

Check the batteries, they should be charged monthly to ensure proper operation. If storing the machine for more than one month, you should remove the batteries from the remote controller to prevent discharge. The batteries are lead-acid based batteries. In cold weather conditions the operation time will be shorter. If the machine has been stored for more than a month, the battery should be charged before plugging in to 3 phase power. During normal grinding operations the battery will trickle when connected to power. Check the electrical compartment for dust, make sure it is clean and dry.

7.3 Gearbox service

The machine gear box oil should be changed after the first 500 hours of operation, after that gear oil should be changed annually. There is a drain plug under the gear box, where the grinding plates are attached. The fill point is on top of the gear box cover. The HTG-820 RC holds approx. 2 gallons/8.2L of gear oil. The recommended oil is VG320 or VG460, These are ISO-VG(viscosity) mm²/s DIN-51519, at 40°C.

8. Troubleshooting

Problem	Possible Cause	Solution
The Machine won't run	Emergency stop is engaged	Reset the stop switch
	The motor is jammed	Remove the debris
	Power cable damage	Replace the cable / check power supply
	Non-standard operation	Refer to operation manual
The machine makes a low buzz when turned on	Motor may be burned out	Replace the motor
	Phase loss	Have electrician check the power phase
Machine is difficult to control / AMP draw is too high	Not enough tooling under the machine	Use the correct number of tools for the heads
	Power service not sufficient	Check the service amps
Battery cannot charge with 3 phase / battery cannot charge with dedicated charger	3 phase voltage is below the required range	Check the voltage and amps are correct for the machine
	Battery has reached its service life	Replace the battery
	Battery has drained to 0%	Charge for 4 hours with dedicated charger
	Battery charger is damaged	Replace charger
Machine bouncing	Diamond tools may not be installed correctly	Check to be sure tooling is correct
	Diamond may be different heights	Check the tooling is all the same height. Replace as needed
	The grinding plates are not flat	Replace the grinding plate
Machine travel is not correct	Wheel pins are not locked	Lock the wheel pins
	The clutch is not engaged	Check the clutch
	Servo motor control failure	Contact the factory / repair or replace
	Broken keyway between the wheel and driver	Contact the factory / replace the keyway
Remote control won't sync	Battery too low	Charge or change battery
	The receiver overheats	Disconnect power / let cool and restart
	Emergency stop on remote	Reset the stop switch
	Machine not in remote mode	Change the selector switch to remote operation

9. Technical Data

HTG-820 RC		
Motor power	15KW / 20 HP	18.5 KW / 20 HP
Rated voltage	3P 240V	3P 480V
Rated AMPS	60 A	40 A
Input hertz	50HZ / 60HZ	
Inverter power	18.5KW / 25HP	
Working width	820mm / 32 in	
Grinding disc size	278mm / 11in	
Motor speed	350-1950 RPM	
Head weight /weights forward	293.5KG/650lbs	
Head weight /weights neutral	225KG/500lbs	
Head weight/weights back	195KG/430LBS	
Dimensions / packed	1590x833x1130mm/62x32x54in	
Dimensions /operation	2305x833x1165mm/90x32x75in	
Total weight	620KG/1366LBS	
Cable size	10mm /6-4	
Storage temperature	-20° - 60°C /-4°-140°F	
Operating temperature	-10°-40°C /14°-104°F	
Humidity	Below 95% (no condensation)	

10. Dimensions

