

Electric Floor Scrubber -Instruction Manual



Machine installation and commissioning

The machine is packaged in five parts when it leaves the factory: body (water tank, rack, brush plate fixing components), squeegee components, brush plate, and charger.

1. Installation of squeegee components:

- ◆Unpack and take out the squeegee assembly, as shown in the figure below
- ◆Fix the squeegee head on the tail and tighten the cross handle



Squeegee adjustment

1. The pressure of the squeegee strip is too low and the resistance is large

- ◆Unscrew the fixing screw of the head wheel
- ◆Lower the small wheel, visually check the water-absorbent tape to the ideal position, and tighten the screw;
- ◆Repeat the above steps for the other head wheel to adjust the height to a suitable position;

Machine operating instructions

◆ Before using for the first time, adjust the equipment to the best cleaning effect. Before each use, a routine inspection is required:

1. Is the sealing strip of the recovery tank cover off?
2. Is the sewage tank cleaned up?

1. Insert the suction pipe

Insert one end of the suction pipe into the inlet of the recovery tank and the other end into the outlet of the head and tail; as shown on the right.

2. Filling with water

Please observe the clear water level through the water level pipe, if the water is insufficient, please fill up with clear water.

◆ Lift the lid of the solution tank.

◆ Pour clean water into the clean water tank (first put the water pipe into the tank, then open the water valve, the water temperature is not higher than 50 °C, the water level can be observed through the water level pipe)

◆ Add detergent, the amount can be added according to the needs of the ground.

◆ Close the water tank cover

4. Water volume adjustment

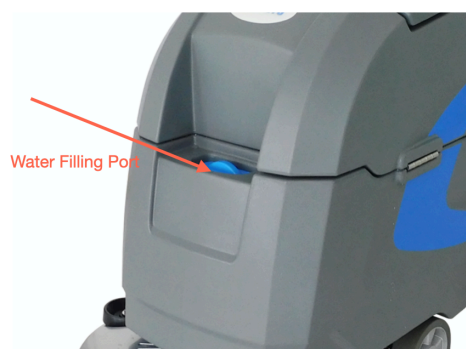
◆ Open the cover of the clean water tank

◆ Pour clean water into the clean water tank (first put the water pipe into the tank, then open the water valve, the water temperature is not higher than 50 °C, the water level can be observed through the water level pipe)

◆ Add detergent, the amount can be added according to the needs of the ground

◆ Close the water tank cover

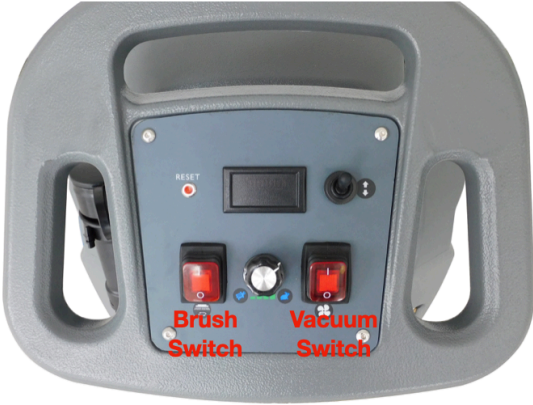
◆ Open the drain valve and adjust the water volume according to actual needs



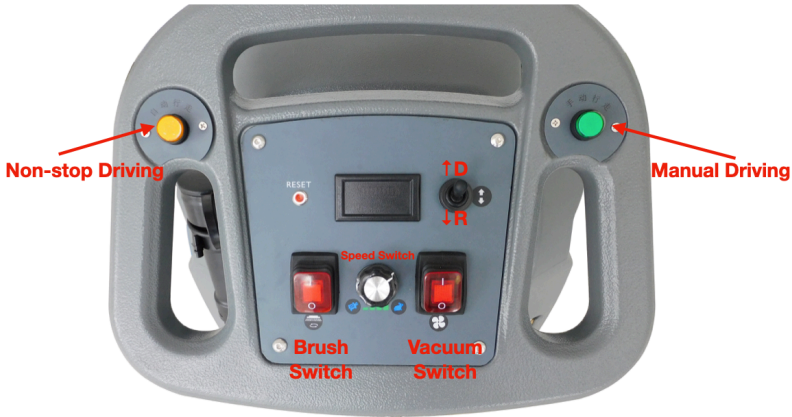
3. Control panel switches and functions.



Push Version



Driving version



1. Suction motor switch: turn on this switch, the suction motor starts to work;
2. Main power switch: start this switch, the device is in the power-on state;
3. Brush switch: press this switch, the brush starts to work;
4. Voltage indicator: It can display the power of the device, and the power will increase during the charging process.
5. Unload brush disc switch: press this button to remove the brush disc

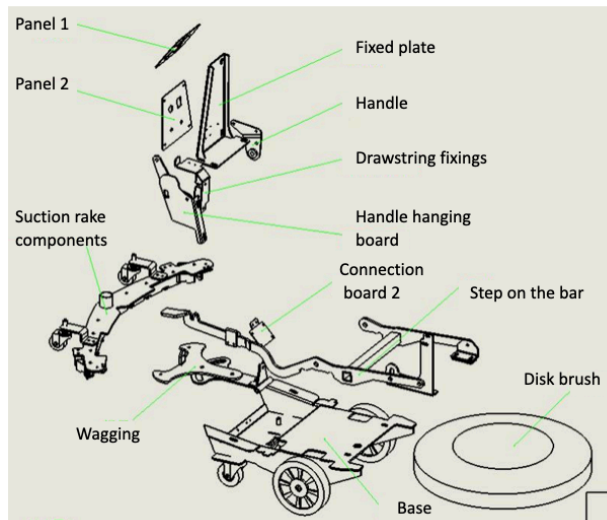
Battery charging

Note: In order to extend the life of the battery and ensure the best performance of the machine, the battery must be charged after the machine has been used for at least 30 minutes. Do not leave the battery uncharged for a long time. The following charging instructions apply to the charger that comes with this machine. Please be sure to use the charger with the following specifications to avoid battery damage.

- ◆Charger type: Charger for lead-acid battery
- ◆Output voltage: 24V
- ◆Output current: 15A
- ◆Automatic power-off circuit
- ◆Suitable for deep cycle battery charging

Charging precautions

1. The digital electricity meter shows the number <21, please charge immediately
2. When charging, please insert the charger into the charging port of the machine and connect it to the 220V power supply.
3. When charging, please move the machine to a well-ventilated place for charging. The side of the recovery tank is opened to facilitate ventilation.
4. When the digital electricity meter shows the number reaches 26, it means that the charging is complete.



Precautions for the use of Floor Scrubber

1. The voltage indicator cannot be charged below 21V. Charging below 21V will seriously damage the life of the battery, causing the battery capacity to become smaller, the machine's use time is too short, and it may even fail to charge.
2. When you use this machine, the sewage should be discharged first, and the clean water should be injected into the clean water tank of the machine. If the sewage has not been discharged, inject the clean water and continue to use it. In the slightest, the speed becomes slower and the suction power becomes smaller, and in the worst case, the motor heats up and burns the rotomolding host.
3. It is strictly forbidden to use the machine without water. If the machine is used without water, dry dust will be washed into the sewage tank and then into the suction motor from the suction port, causing the motor to slow down.
4. The machine is strictly forbidden to drive on the road similar to the isolation belt, which will damage the sheet metal parts and drive axle of the machine for a long time.
5. When the machine enters a steep road, the suction motor switch should be turned off to prevent sewage from splashing and entering the suction port and burning the suction motor.
6. After using this machine, the sewage should be discharged immediately. The sewage is acidic or even strong. If the sewage is not discharged for a long time, it will corrode the sewage pipe and reduce the service life of the sewage pipe.
7. If the machine is not used for a long time, the machine should be fully charged and placed in the storage room to avoid air drying and sun exposure.

8. After the machine is not used for more than 15 days, the machine should be fully charged, and the battery power cord should be removed and placed in the storage room to avoid dry and sun. Prevent the machine from waiting for electricity to discharge, causing the battery to feed. Before removing the battery power cord, it should be turned off Machine switch and key to prevent electric shock.

9. During the cleaning process of the machine, the key switch should be turned off first, and it is strictly forbidden to flush the battery, motor, wiring harness, controller computer board and other positions with the water pipe.

10. After the machine is completed, the battery temperature of the machine should be allowed to cool down, and the charging time should not exceed 10 hours. If unattended, it is recommended to equip a smart timing socket.

11. Place the machine in a well-ventilated environment for charging at a suitable temperature. Do not place it in a high-temperature sealed environment to prevent the battery from drumming at high temperatures.

12. The battery of the machine must be charged with the original charger provided by our company. Do not use fast charging. High-voltage and low-voltage charging will cause the battery to bulge.

13. When the machine is working with a cleaning agent, a defoamer must be added to the sewage tank for defoaming to prevent sewage bubbles from being sucked into the suction motor and burning the motor.

14. The sequence of starting the machine switch is: main power switch → swipe switch → suction switch, inversion will cause the instantaneous current to be too large and burn the voltage display meter.

15. When the machine is in continuous work, do not turn on and off the operating switch from time to time, which will cause excessive starting current repeatedly, accelerate the aging of the motor insulation, and reduce the service life of the motor.

Fault Solution

Problem	Reason	Solution
The machine cannot be operated	The battery is out of power	Battery charging
	Battery failure	Replace the battery
	Loose battery wiring	Tighten the battery wiring
	Main fuse blown	Replace the fuse
Disk brush motor does not work	The brush head rises off the ground	Lower the brush head
	The battery fuel gauge is locked and does not start	Battery charging
	Disk brush motor circuit breaker triggers a trip	Reset brush circuit breaker button
	Brush (up/down) switch failure	Please contact the service center
	Motor of carbon brush wear	Please contact the service center
The suction motor does not work	The squeegee lifts off the ground	Lower the squeegee
	Suction motor fuse blown	Replace the fuse
	Water suction motor or wiring failure	Please contact the service center
	The carbon brush of the suction motor is damaged	Please contact the service center

Problem	Reason	Solution
Low sewage recycling efficiency	Recovery tank is full	Drain the sewage tank
	Absorbent tape wear	Replace absorbent tape
	Blocked suction pipe	Clear the clogged debris
	Suction motor failure	Please contact the service center
	Damaged recovery tank seal	Replace the sealing strip
Operating time reduced	The battery is defective	Replace the battery
	Battery charging failure	Repair or replace the charger
Little or no water outflow	The clean water tank filter or solution pipe is clogged	Clean the clean water tank filter
	The flow rate setting of the water flow control knob is too low	Adjust the water flow control knob