



YZ-GX1

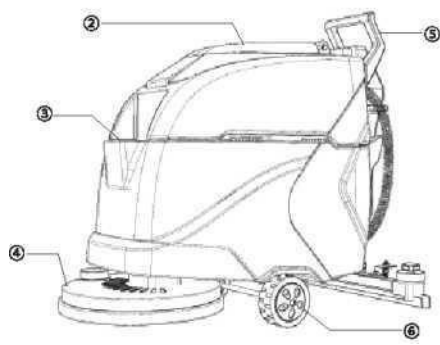
operation instructions

Directents

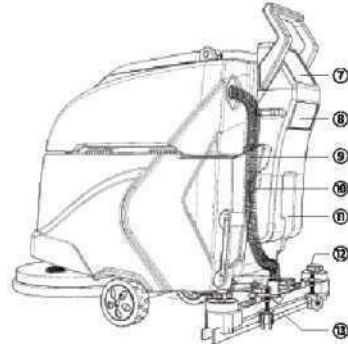
Making Industrial Product Purchase Simple

Parts and performance parameters	03
Chapter I: Description	04
1.1 Content and Purpose-----	04
1.2 General instructions-----	04
1.3 Battery-related safety requirements	05
1.4 General Safety Regulations	05
Chapter II: The Use of the Machine	06
2.1 Key button / pedal for the machine-----	06
2.2 Machine operating flow-----	07
2.3 Machine Operation Precautions-----	09
Chapter III Routine Maintenance and Demolition and Exchange of vulnerable Parts	10
3.1 Periodic inspection-----	10
3.2 Replacement, installation and adjustment of thebrush plate-----	11
3.3 Replacement and installation of water suction strip	12
3.4 Battery maintenance-----	13
3.5 Maintenance and disassembly and assembly of air suction motor-----	14
3.6 Self-propelled drive controller diagnosisand disassembly-----	14
Chapter IV Analysis Table of Common Problems of Ground Washing Machine	15
Chapter V. Maintenance	16
Product Warranty Card	17

零部件



- ① armrest
- ② sewage tank cover
- ③ Clearwater inlet
- ④ brush tray
- ⑤ armrest
- ⑥ tires
- ⑦ central control surface
- ⑧ Central Control Panel B



- ⑨ sewage pipe
- ⑩ sewage suction pipe
- Press the handle
- Anti-collision wheel
- Water suction

Performance parameters

Cleaning efficiency	3450m ² /h
Width of brush plate	600mm
width of absorbent steak	780mm
Rotating speed of brush plate	195rpm
Brush plate motor power	500w
Power of suction power	400w
Capacity of clean/sewage tank	65/65L
working hours	2-3h
whole machine weight	127kg
product size	1380*780*1240

Chapter I: Description

1.1 Content and Purpose

The following indicates the potential hazardous situation, please read these instructions carefully and take the necessary precautions. The essence of the machine operating manual is to prevent injuries and most accidents arise at work by paying attention to the basic safety rules. A careful and cautious singer is the best guarantee away from the accident, even stronger than some other precautions. Pay attention to people around and around your machine, especially children.

1.2 General instructions

Before any service and repair, adjust the start switch to the off position and remove the key on the main power switch.

. The machine must be used by qualified and authorized personnel. The machine is not allowed for children and disabled persons.

Keep the battery away from Mars, flames, and smoke.

■ shall not be used in hazardous, flammable or explosive gases, liquid, water vapours. The machine can clean the general garbage, it is strictly prohibited to clean the silk flies, belts, high temperature sundries, water, flammable or toxic and harmful substances, winding, burning the main brush and side brush, so that it can not work normally.

Please keep melted clothing, hair, fingers and other any part of the body away from the tuyere of the machine with any moving part.

. Remember to power it off, when the machine stops.

Do not yu the machine where the slope exceeds the Lido value.

. Please do not smoke out when the battery is charging.

Do not use the ya in dirty areas such as thick road garbage twice or more.

The mac hine should be between the temperature- ° c and 4 (rc.

. When using the machine, the temperature shall be between-10 ° C and 40 ° C, and the humidity

shall be between 30% and 95%.

Never act as a means of transport.

When the machine does not continue to progress, do not let the brush continue to turn to avoid ground damage.

In case of a fire, remember to use powder fire extinguishers and not fire with water.

. When the machine operation fails, determine that the fault is not caused by the lack of scheduled maintenance.

If some parts require replacement, you may purchase spare from the original manufacturer or awarded dealer.

Be firm that ms is properly operational and safe " professionals or service centers must comply with the relevant maintenance sections of this manual.

. Even if the machine is to be dismantled and scrapped. Because certain hazardous substances (such as batteries, waste oil, etc.) have met the standards, then send it to a specific center for processing

Chapter II: The Use of the Machine

1.3 Battery-related safety requirements

- must avoid the battery at low voltage and should be charged as soon as possible.
- to avoid leakage, please dry, clean, especially to remove pollution such as metal dust. No metal case tool) on battery to prevent short circuit coax
- charging room should be well ventilated.
- Never connect and remove the battery when the spoon switch is in the ON position.
- Disconnect the + battery wires before removing the battery. When rewiring, the polarity of the battery must be properly noted, and the wrong connection will damage the electrical elements.



- avoids direct contact between positive and negative poles, because the high current short circuit, produce high Dan to the possibility of fire.

1.4 General Safety Regulations

In addition to the provisions made in this specification, it must be followed; general safety regulations and accident prevention guidelines sought by E. Even if you have used a similar sweeper before, you should read the instructions carefully. Reading the instructions in advance will save you a lot of time in the future. Before you start to solve, all the lake accessories and controls and their functions are essential to you. Read through this manual to prevent you from starting your hands

2.1 Key button / panel for the machine



GX1 Self up panel

GX1 normal upper panel

GX1 self walk / normal lower panel

Core control key for the 2.1.1 machine

The electric * / voltmeter display device can display the current battery voltage when the voltage is below 21Vm)

- . Power switch to bias this switch and the equipment is on every pass.)
- . Water suction button Move this button, and the air suction material starts to work)
- . Deflecthis button and start the disc to work.)
- . The back and back switch moves this key to control the machine forward or back)

charging

- . Charging outlet cord requires a minimum of 4mm dia.
- Pay attention to: the charger put, stable platform, pay attention to moisture-proof, prevention and support.
- W for more than 14 hours. Ensure the battery operation
- Do not carry the power cord during charger handling to avoid loose wiring head.



2.1.3 water tank

Open the tank cover before using the machine, inject clean water into the tank, pay attention to clean



When the machine is used to clean the epoxy floor floor, replace the ordinary brush plate with a clean pad for cleaning, which can effectively protect the ground wear. Installation should refer to "3.2 brush plate replacement and installation" for operation.

2.2 Machine operating flow

Before startup

Before the normal operation of the machine, confirm that the suction tap is properly installed, and the suction pipe is inserted into the suction outlet.



第1步: 拧下吸水脚十字旋钮, 通过提拉把手放下吸水脚摆尾支架;



第2步: 将吸水脚固定螺杆穿过三脚架孔位, 用十字旋钮拧紧;



第3步: 安装污水吸水管。

Power-level display

With the power main switch on, the voltage meter shows the battery voltage. When the voltage is below



Start the machine

Step 3: Turn on the power main switch, start the brush plate switch button and the water suction motor switch button;



Step 1: step on the pedal pole, put down the washing plate;



Step 2: through the pull handle, put down the water suction to pick the



Step 3: hit the open water valve to confirm the open status of the



Step 4: Hold the handle and drive steady speed. (Hand General)

Start the "Turtle" button (note: should not speed too fast when cleaning), open the forward button, hold the handle, and keep the machine running smoothly. (Self-propelled drive model)

Water absorption stripping is commissioned at the factory and can be used after installation
Confirm that the bottom water valve switch on the left side of the normal driving machine is open

Stop of the machine

Close the brush plate switch
button first;

Close the water discharge valve;

Turn off the water suction
switch button;

Turn off the main power switch;

2.3 Machine Operation Precautions

Light ankle pole, lift the wash

plate; the mantis pull handle,
lift the water suction head. Machine operation precautions

Avoid stopping the machine long in the same place and letting
the brush clean; leaving unnecessary marks on the ground.

When cleaning the floor oxygen floor, Baijie school must be added to avoid brush wear on the
torus.

Fill water, pay attention to clean water quality to avoid the discharge valve impurities plug
water.

After working for a period of time, it is necessary to discharge sewage tank sewage, so as
to avoid sewage immersed into the motor.

Clean the ground with serious oil pollution, please put the appropriate amount of detergent
in the cleaning paralysis, aim at the better cleaning effect, and drop the appropriate amount
of antifoaming agent, to avoid the
sewage box bubble into the air suction

Sewage discharge from the sewage tank

Turn off the main power supply to
ensure that the machine stops;

Open the sewage pipe cap, and
implement the release of water;

The sewage tank can be easily washed
with clean water.



Storage and maintenance of the machine

If the machine will not damp within 30 days, store the machine in a clean and dry
place and disconnect the battery connector.

Chapter III Routine Maintenance and Demolitionand Exchange of vulnerable Parts

3.1 Periodic

inspection motor caused by burning 0

After each work, please wash the stain plate in time and keep mw to maintenance.

After the winter operation, please discharge the water tank in time to avoid ice and affect
the use again.

3.2 Replacement, installation and adjustment of the brush plate

Park the machine on a flat ground, turn off the main power switch to ensure the machine is power off;

. Tap on the pedal lever to keep the brush plate lifted;



Facing the direction of the brush disc, hold the brush, rotate to the right, and the brush disc can be removed; rotate to the installation. Note: when installation, ensure that the flange is aligned with the brush disc buckle hole.



Change of needle tray: the needle tray can be purchased through our business platform. The specific change is to have the Baimat placed at the bottom of the needle tray, and make it fit firmly with the needle tray and cooperate neatly. The needle tray is installed on the machine to refer to the last one;



3.3 Replacement and installation of water suction strip

Park the machine on a flat ground and turn off the main power



Unscrew the suction stripping assembly nut, remove the bottom



Install water



switch to ensure the machine is power off.

Step 2: Attach the plastic assembly to the water absorption

Step 3: align rear tape holes for suction



Step 4: Use the card at both ends of the pressure

Lower the suction handle by lifting handle; after reverse rotating the plastic handle, remove the suction handle assembly.

Step 1: align the front rubber hole at the bulge of the water absorption plastic assembly;

3.4 Battery maintenance

This ground washing machine powertrain is powered by 2 12V maintenance free lead acid batteries with system voltage of 24V.

When the machine is operating for a period of time, the battery power drops. When the last grid of the power display meter is flashing, it indicates that the power is insufficient and needs to be charged in time;

When maintaining the battery, please wear protective gloves to avoid contact with the battery acid substances;

Check whether the battery connector is worn and whether the contact parts are loose, and replace it if necessary;

The battery terminal shall be kept clean and dry without sundries and dirt, which is extremely unfavorable to the battery and will burn the battery in serious cases.

!! Note that the

◆ To make the battery have a long service life, it should be charged in time after the machine operation. Deep discharge is strictly prohibited.

Correct charging method of ◆ lead acid battery: plug in battery first, then plug power; after full, cut off power and remove battery plug.

The ◆ machine is not used for a long time, please charge the battery and disconnect the battery positive for storage.

!! Warning:

During the battery, deep discharge battery capacity is reduced and reduced life.

3.5 Maintenance and disassembly and assembly of air suction motor

After daily use of the machine, please timely discharge sewage tank sewage to prevent excessive water level, be inhaled into the air suction motor and burn the motor.

If the foam is too much during the machine, it is recommended to prevent the foam from crossing the net, enter the air suction motor, and lead the generator to burn down.

Remove of the air suction motor: the air suction motor is fixed to the bottom of the clear

water box. Before the removal:

1. First empty the machine water, turn off the main power switch, and keep the machine power off;
2. Turn the water box back and pull out the plug of the suction motor;
3. Loose the retaining nut of the air suction motor, and remove the air suction motor.

3.6 Diagnosis and Disassembly of Self-propelled drive controller

The GXI walk controller is located inside the handle. Rated voltage: 24V; output current: 60A;

During the use of the machine, use the multimeter to measure the controller power cord to check whether or without voltage. When no voltage is determined, the controller can be burned.

Controller disassembly and assembly:

1. Turn off the main power supply to ensure that after the machine is powered off, drain the sewage and roll over the sewage tank.
2. Remove the handle iron plate fixing screws.
3. Unscrew the positive and negative power connection to drive the positive and negative motor connection.
4. Use the M4 internal hexagon wrench to unscrew the controller and the iron plate fixing screws. (Note: the positive and negative wiring shall not be misconnected during installation)



Chapter IV Analysis Table of Common Problems of Ground Washing Machine

Problem	Reason	Handling method
Machine is inoperable	Battery dead battery	Battery charging
	Battery fault	Replacement of the battery
	Battery wiring is loose	Tighten the battery wiring
	Main fuse burning off	Better Fuses
Brush plate motor is not working	Brush head goes up from the ground	Lower the brush head
	Brush disc motor circuit	Reset the brush circuit
	Main brush switch fault	Please Contact the
	Motor carbon brush wear	Service Center
Fan not operative	Excessive noise of the air	Please Contact the
	Air absorption motor	Replace the air suction
	Carbon brush wear	Please Contact the
Small or watery outflow	Clean water tank discharge	Clean or replace the
	Water discharge valve is	Open water valve
Low efficiency of recycling sewage	Sewage tank is full	Drainage and drainage sewage tank
	Wear of suction strip	Replace water suction strip
	Air suction motor fault	Replace the air suction
	Damage seal seal sewage	Replace seal strip
Less working hours	Two batteries have unequal	Please Contact the
	Battery charging fault	Repair or replace the charger

The life and operation safety of the machine must be ensured by the proper and routine maintenance of the machine. List the regular maintenance requirements below. In the appropriate work of the

Under conditions, the maintenance interval can be changed, which must be determined by the professional responsible for the maintenance.

Conduct maintenance operations and must be stopped on the machine (remove the start switch key), so carefully read the safety section.

Use Conditions

Environmental temperature: Environment containing gas or steam without
-10 ° C~40 ° C corrosive metals

Relative humidity of the air: 5% Indoor use, ventilation, no vibration
70% environment, and 300 space at least in front and

Maintenance schedule

Maintenance Operation	When hando	Every 10h s	Every 50h s	Every 100h	Every 200h	Every 500h
brush plate height adjustment check						
Whether the brush plate is wired						
Complete inspection of water						
Inspection of seal strip of						
Screcrew cap						
Check the wear condition of the brush plate						
Replacement of suction strip						
Motor brush and drive belt check						

Maintenance range

Do not maintain in the following conditions:

Failure to follow the maintenance manual, resulting in mechanical damage or failure.

Improper human operation causes obvious mechanical appearance or structural damage.

Remoassembly or modification without the approval of the original factory.

Damage due to weather or human force majeure.

Over the retention period of 1 year or the use of over 1500 hours.