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YZ-GS1 Sweeper

Operating Manual

Anhui Yangzi Industrial Technology Co., Ltd



ANHUI YANGZI INDUSTRIAL TECHNOLOGY CO., LTD.

YZ-GS1



Welcome to the YZ-GS1 electric driving sweeper, to provide you with a satisfactory service, is the continuous pursuit of our Yangzi. Our company specializes in the production of electric driving sweeper, the equipment introduced foreign advanced technology, using surface maintenance-free power supply, suction, sweep, with a strong cleaning ability, no pollution and noise. Easy operation, long continuous operation time, convenient maintenance, Can be applicable to factory workshops, property communities, schools and other environments of the different ground

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Part I: Out Looking



1. Steering wheel and operating panel
2. Lighting lamp
3. Side brush
4. Dual brake
5. Garbage bin
6. Main Brush

Part II Technical parameters

| Parameters | Model | Data |
|---------------------|-------------------|----------------|
| Cleaning width | mm | 1250 |
| Side brush width | mm | 2*400 |
| Working hours | h | 2-2.5 |
| Walking motor | W | 800 |
| Battery capacity | V/ah | 12v/52ah*4 |
| Machine Weight | Kg | 396 |
| Main brush width | mm | 490 |
| Work efficiency | m ² /h | 6380 |
| Garbage capacity | L | 80 |
| Rolling brush motor | W | 700 |
| Side-brush motor | W | 90*2 |
| Product Size | mm | 1600*1250*1260 |

Part III: Operation Instructions

1, panel description

1. Power Switch, turn right

Power-on, turn left the power off

2. Forward back switch

3. Floor sweep switch

4. Headlamp switch

5. Sprinkler switch

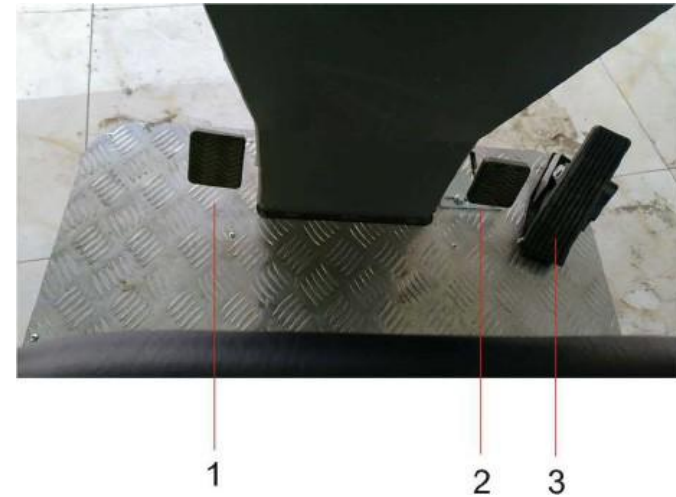
6. Horn switch

7. Voltage Power display

8. Dust shock function



2, walking pedal, brake, lift pedal



1. Lift the pedal when walking normally and encounter an obstacle or large object
2. Brake pedal
3. Accelerator pedal plate

Removing and installation of garbage bin

. If you need to clear the garbage, first open the dustbin buckle up, and then pull the dustbin handle back, you can separate the dustbin and the sweeping car. After slipping the garbage, the mouth of the bin at the correct position of the sweeper, slowly push forward, push to the end and then the buckle down press can put the bin back to position.



4, charging

The charging plug is located on the right side of the machine after work finished, simply plug the charger jack into the sweeper as shown



Part IV

Daily maintenance



1

1. main Brush



5 4 3 2

2. main brush edge baffle retaining nut

3. Main Brush Side Fender 4. main brush connection board

5. main brush connection plate retaining nut needs to replace or clean the main brush, open the left door and unscrew the main brush connection plate plywood fixation

2, side brush replacement

When the edge brush needs to be replaced, drop the edge brush lift rod first, and unscrew the three rubber nuts fixing the edge brush to remove the edge brush. After replacing the brush, unscrew the three rubber nuts to secure the side brush.



Part V. Notes



- ① Non-professional personnel strictly operate the sweeper
- ② No cleaning of silk, ribbon items
- ③ Deep discharge is strictly prohibited
- ④ No parking parking on slope
- ⑤ leave after power-off
- ⑥ prohibited in rainy days
- ⑦ strictly prohibited. For voltage below 31.5V, please charge in time

Part VI Common phenomena and treatment methods

1. The brakes not working.

Adjust the inner wire rope nut on both sides clockwise to achieve the same braking effect on both sides.

2. Not walking.

Associated parts have controller (inside left side of distribution box), fuse (top down second), two-way contactor (below the fuse), accelerator (right foot tread), drive wheel (Front wheel), battery, corresponding wiring jokes, connectors and clues. Damage or bad contact with any of the parts will cause them not to walk, and replacing the damaged parts can be restored.

3. No cleaning

As for sweeping this main component, there are 2 side brush motors, 1 main brush motor, 1 fan 1,100A contactor (middle on the right side of the distribution box), travel switch (on the right side of the body, Inside of the main brush connection plate, fixed to the right board), the main and side brush push rod, wire rope, control switch buttons, etc. The travel switch is damaged or the adjustment is not in place, the main brush push rod is damaged, the wire rope fracture, and the control switch button burn will cause no cleaning. Side brush motor, main brush motor, fan motor is controlled by 100A contactors, if any of them does not work, it is a motor fault. If none work, the reasons are

The ① sweeping switch button fails, and replace the switch.

② sweeping travel switch fails, adjust the main brush wire rope to make the travel switch; if the travel switch is damaged, it can be replaced

The ③ 100A contactor is damaged and can be replaced.

4. No sprinkling

Sprinkling mainly associated components, water tanks, water pumps, water pipes, valves, nozzles, relays, switches and control lines. Common problems are water tank leakage, water pipe rupture, not strict, nozzle blockage, water pump damage, electrical and circuit failure, etc. If any joint is leaking,

Release the connection section, and then wrap the raw belt and tighten it.

5. No charging

Check whether the charger connector is connected properly, whether the charger is working properly, and whether the charger panel shows it as indicated in the instructions. If the connector is not plugged in, do so. Other exceptions are found, such as insurance

The wire is blown and the charger does not display, please contact the aftermarket service personnel in time.

Ash leak

Common ash leakage is mainly caused by the air filter element is not timely dust vibration caused by blockage

① bin sealant strip falling off or partially damaged

The ② fan is not working properly

③ front flap damage

④ main brush has filament ribbon winding or wrong installation direction

⑤ bin buckle is loose or off

⑥ cleaning speed is too fast

If the above situation is found, please make the corresponding treatment measures according to each situation.

6. Main brush and edge brush cannot be promoted

Control the main brush, variable brush promotion is 3 putters, each work, joint control. If 1 or 2 of them are found not working, the putter can be damaged and replaced; if 3 are found and do not work at the same time. Check its lines,

It can basically be judged that the button is damaged, and it can be replaced.

7. Steering wheel failure

Under normal circumstances, the main reason for the failure of the steering wheel is the loose or broken chain above the front wheel, and replace the chain in time. The ② steering wheel connection spline is loose and tighten the spline locking screws. Flines are located in the

Above the site, the bottom of the machine.

8. Dust dust

Check whether the dust motor is damaged and whether the dust chain is loose or broken. If damaged, replace it. Check whether the relevant lines and switch buttons are normal. If damaged, replace them.