



# YZ-S4 Floor Sweeper

instruction manual

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## **YZ- S4 electric driving sweeper**

Welcome to use yz-s4 electric driving sweeper, to provide you with satisfactory service is our constant pursuit of Yangzi. The company specializes in the production of electric driving sweeper, the equipment introduces foreign advanced technology, adopts surface maintenance free power supply, integrates suction and sweeping, has strong cleaning ability, no pollution and no noise. Easy to operate, long continuous operation time, convenient maintenance, absolute value for money. It can be applied to different ground of factory, workshop, property community, school and so on.

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# **CATALOG**

## **1. Fuselage appearance**

## **2. Technical parameters**

## **3. Operating instructions**

- (1) Panel control
- (2) Travel accelerator, brake, lift pedal
- (3) Disassembly and installation of dustbin
- (4) Charging

## **4. Daily maintenance and replacement of wearing parts**

- (1) Replacement of main brush
- (2) Replacement of side brush

## **5. Precautions**

## **6. Common phenomena and Solutions**

## Part I fuselage appearance



1. Steering wheel and operation panel

2. Lighting

3. Side brush

4. Double disc brake

5. Dustbin

6. Main brush

## Part II technical parameters

<b>PARAMETER</b>	<b>MODEL</b>	<b>DATA</b>
Sweeping width	mm	1250
Side brush width	mm	2*220
working hours	h	2-2.5
Walking motor	W	700
Battery capacity	V/ah	48v/65ah
Total weight	Kg	396
Width of main brush	mm	490
work efficiency	m <sup>2</sup> /h	6000
Garbage capacity	L	80
Roller brush motor	W	700
Walking speed	Km/h	0-10
Product size	mm	1600*1250*1300

## Part III operating instructions

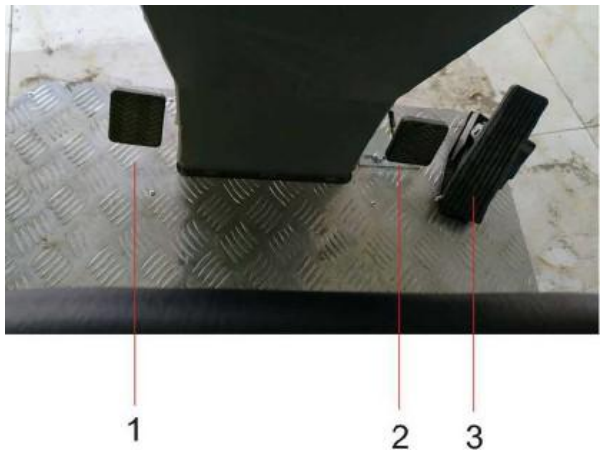
### (1) Panel description

1. Power switch, turn on the power to the right and turn off the power to the left
2. Forward and backward switch
3. Floor sweeping switch
4. Headlamp switch
5. Sprinkler switch
6. Horn switch
7. Voltage and power display
8. Dust shock function



### (2) Travel accelerator, brake, lift pedal

1. Lift the leather pedal and step on the lifting pedal when encountering a ridge or a large object when walking normally
2. Brake pedal
3. accelerator pedal



### (3) Removal and installation of dustbin

If it is necessary to clear the garbage, first pull the buckle of the dustbin upward, and then pull the handle of the dustbin backward to separate the dustbin from the sweeper. After sliding the garbage, align the dustbin opening to the correct position of the sweeper, push it forward slowly, and then press the buckle down tightly to return the garbage can.



### (4) Charging

The charging socket is located on the right rear side of the fuselage. At the end of the operation, just plug the charger socket into the charging socket of the sweeper as shown in the figure.



## Part IV daily maintenance and replacement of vulnerable parts



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5 4 3 2

1. Main brush
2. Fixingnut of main brush side baffle
3. Main brush side baffle
4. Main brush connecting plate

5. When the fixingnut of the main brush connecting plate needs to be replaced or cleaned, open the left door and screw off the main brush connecting plate with Glulam

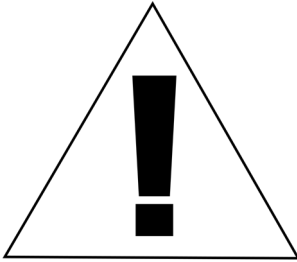
### (2) Replacement of side brush

When it is necessary to replace the side brush, first put down the lifting rod of the side brush, and then screw off the three bakelite nuts fixed on the side brush to remove the side brush. After changing the brush, screw on three bakelite nuts to fix the side brush.





## Part V precautions



- (1) It is forbidden to operate the sweeper by non professionals
- (2) It is strictly forbidden to clean the silk and ribbon articles
- (3) Deep discharge is strictly prohibited
- (4) It is strictly forbidden to park on the slope
- (5) Firmly cut off the power supply
- (6) Do not use the sweeper in rainy days
- (7) It is strictly forbidden to use the power shortage. If the voltage is lower than 31.5v, please charge it in time

## Part VI common phenomena and treatment methods

### **1. The brake doesn't work well**

Adjust the nuts of the steel wire rope inside the rear tires on both sides clockwise until the braking effect of both sides is the same.

### **2. No way.**

The related components include controller (inside and left side of distribution box), fuse (the second one from top to bottom), two-way contactor (under fuse), accelerator (where right foot is trampled), driving wheel (front wheel), battery, corresponding wiring segment, connector and clue. Any one of the components damaged or poor contact will cause no walking, and it can be recovered by replacing the damaged parts.

### **3. No cleaning**

As for the main components of sweeping, there are 2 side brush motors, 1 main brush motor, 1 fan, 1 100A contactor (in the middle of the right side of the distribution box), travel switch (located on the right side of the car body, inside the main brush connecting plate, fixed on the right side board), main and side brush push rods, wire rope, control switch button, etc. If the travel switch is damaged or the adjustment is not in place, the main brush push rod is damaged, the wire rope is broken, and the control switch button is burnt out, it will not be cleaned. Side brush motor, main brush motor and fan motor are controlled by 100A contactor. If any one of them does not work, it is motor fault. If they don't work, the reasons are as follows

- (1) If the button of sweeping switch fails, replace the switch.
- (2) If the travel switch fails, adjust the main brush wire rope to make the travel switch work; if the travel switch is damaged, replace it
- (3) If 100A contactor is damaged, replace it.

#### **4. No watering**

Sprinkler function is mainly related to components, water tank, water pump, water pipe, valve, nozzle, relay, switch and control circuit. Common problems are water tank leakage, water pipe rupture, loose ligation, water nozzle blockage, water pump damage, electrical circuit failure and so on. If any joint is found to have water leakage, loosen its connecting section, and then wrap it with raw material belt and fix it tightly.

#### **5. No charging**

Check whether the charger connector is connected normally, whether the charger works normally, and whether the display on the charger panel is in accordance with the instructions. If the connector is not inserted properly, just plug it in. If you find other abnormalities, such as fuse blown, charger does not show, please contact after-sales service personnel in time.

#### **6. Ash leakage**

The main causes of ash leakage are as follows

- (1) The air filter is not vibrated in time to cause blockage
- (2) The sealant strip of the garbage can falls off or is partially damaged
- (3) The fan is not working properly
- (4) The front fender is damaged
- (5) The main brush has filament ribbon winding or the installation direction is wrong
- (6) The buckle of dustbin is loose or falling off
- (7) The cleaning speed is too fast

If the above situation is found, please take corresponding measures according to each

#### **7. The main brush and side brush cannot be lifted**

Three push rods are used to control the lifting of main brush and variable brush. If one or two of them do not work, it is judged that the push rod is damaged and can be replaced; if three of them do not work at the same time. Check the circuit, it can be judged that the button is damaged, and it can be replaced.

## 8. Steering wheel failure

Under normal conditions, the main causes of steering wheel failure are:

- (1) the chain above the front wheel is loose or broken, so replace the chain in time.
- (2) If the connecting spline of steering wheel is loose, tighten the spline locking screw. The spline is located above the chassis and at the bottom of the steering gear.

## 9. No dust

Check whether the vibration motor is damaged and whether the vibration dust chain is loose or broken. If it is damaged, replace it. Check whether the relevant circuit and switch button are normal. If damaged, replace it.



# Inspection Certificate

Number: \_\_\_\_\_

Model		Motor		Accessories	
Power cable		Switch		Shell	
Suction		Control		Fuselage	
Function		Manual		Package	



# Warranty Card

Number: \_\_\_\_\_

Name		Tell	
Mailing address			
Purchase time		Bill number	
Product number		Fuselage number	
Replacement parts		Date	
Fault description:			

## Warranty conditions:

1. Within the date of purchase, the motor is guaranteed for one year (if it is more than 7 days from the date of purchase, no replacement, only warranty).
2. Before using the equipment, you must understand the instructions and safety instructions.
3. During the warranty period, the artificial damage of warranty accessories will not be guaranteed.
4. During the warranty period, users who do not follow the operation instructions or dismantle and repair by themselves will not be guaranteed. (if repair is needed, the cost of production will be charged)
5. The buyer shall take the invoice to the place designated by the seller for repair, or send the machine back to our company for repair. (return freight, insurance paid by yourself)