



# X06C Floor Scrubber Instruction Manual



We explore safer, higher-end and more user-friendly cleaning equipment through technical advantage and idea innovation.



# Preface

This instruction manual contains all the information that you need to use and maintain the machine. Please read it carefully before getting started. Only with correct operation and regular maintenance can the machine be kept in its best working condition.

This instruction manual is an important part of the product and should be kept together with the machine.

If this manual is lost, please contact us immediately and we will be glad to provide you with a new one. All technical details included in this manual are property of Anhui Chancee Technology Co., Ltd and are protected by law.

In this manual we use illustrations to show the components and functions of the machine. It is possible that some of them contain details that are slightly different from those of yours. However, all the instructions presented here still apply to your product and should be followed strictly during the operation.

Some components of the product may be harmful or dangerous and we have tried our best to include them in this manual. **It is the user's obligation to pay special attention to them during the work.** However, since it is impossible for us to point out all potential dangers, we expect you to be extremely cautious during the work so as to protect the machine, yourself and other people in the working area.

Only accessories from the original manufacturer can be used on the machine. Using accessories from other sources may lead to low working efficiency or even accidents in extreme cases.

We usually modify or improve our products to meet the latest market demand. However, this is **NOT** suitable for machines that have been sold. We will **NOT** be responsible for any injury or loss caused due to the user's improper operation either.

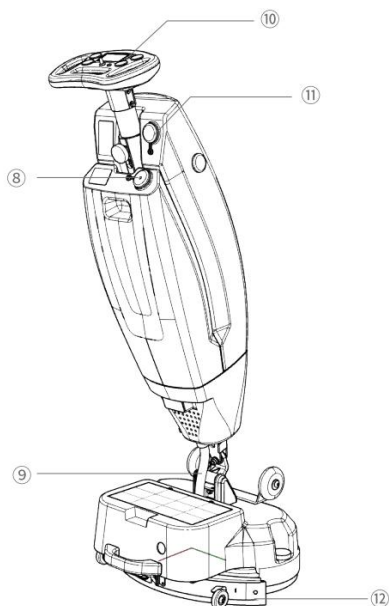
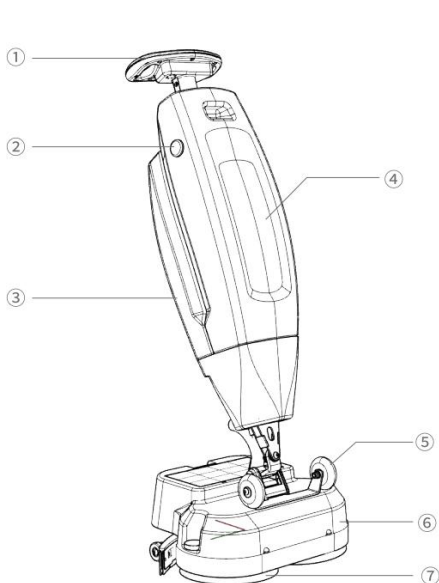
If you have any question, complaint or suggestion, please feel free to contact us and we will be at your service with all our knowledge and enthusiasm.

We wish you a pleasant experience with our product!

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## Components



- |                        |                      |                     |
|------------------------|----------------------|---------------------|
| ① Steering wheel       | ⑤ Clean water tank   | ⑨ Suction pipe      |
| ② Sewage watching port | ⑥ Pickup broom cover | ⑩ Controlling panel |
| ③ Clean water tank     | ⑦ Pickup broom       | ⑪ Sewage outlet     |
| ④ Sewage tank          | ⑧ Water inlet        | ⑫ Squeegee          |

## Technical parameters

Category	Parameter	Category	Parameter
Cleaning width	410 mm	Battery capacity	12 V/36 Ah
Pickup broom width	360 mm	Working time	1 h
Pickup broom size	6.7 inches * 2	Suction motor power	140 W
Squeegee width	450 mm	Pickup broom power	120 W * 2
Working efficiency	1,250 m <sup>2</sup> /h	Total weight	13 kg
Clean water tank capacity	5 L	Product size	1,050 * 440 * 360 (mm)
Sewage tank capacity	8.5 L		

## Chapter 1 General description

### 1.1 Contents and purposes

- Potential dangers during the use of the machine are listed in the following sections. Since most accidents take place when safety rules are ignored, it is necessary that you read them carefully and take precautions before getting started. The best guarantee against any accident is a careful and cautious user, which might be better than other precautions available. When using the machine, pay special attention to the people in the working area, especially children.

### 1.2 General instructions

- Before any maintenance and repair, turn off the power and remove the key from the general switch.
- The machine can only be operated by qualified personnel. Children and disabled people are strictly forbidden to use it.
- Keep the battery away from sparks, flames and smoke.
- Do **NOT** use the machine in places with dangerous, flammable or explosive gases, liquids or water vapor.
- The machine can be used to clean regular garbage. It must **NOT** be used to clean silk ropes, belts, high-temperature sundries, accumulated water, or flammable, toxic and harmful materials, so as to avoid entanglement and burning of the brushes.
- Keep loose clothing, hair, fingers and other parts of your body away from the air vent and any moving part of the machine.
- Turn off the power if you do not use the machine.
- Do **NOT** use the machine in slopes with an inclination larger than the fixed value.
- Do **NOT** smoke when charging the battery.
- Do **NOT** use the machine in very dirty places. Repeat the sweeping if there is too much garbage.
- The machine should be stored at a temperature between -10 °C and 40 °C.
- The temperature of the working area should be between -10 °C and 40 °C, and the humidity should be between 30% and 95%.
- Do **NOT** use the machine as a means of transportation.
- When the machine is not moving, stop the brushes to avoid damage to the ground.
- In the event of a fire, use a **POWDER** extinguisher rather than water.

- When a failure is produced, make sure that it is **NOT** due to the lack of regular maintenance.
- If some spare parts need to be replaced, you can purchase them from the original manufacturer or an authorized distributor.
- To make sure that the machine is in the proper operating and safety condition, the user or service center must abide by what is stated in Chapter III and Chapter V.
- Attention must be paid even when the machine is about to be dismantled and scrapped. Since some harmful substances (such as batteries, waste oil, etc.) have met the required standards, they should be sent to a specific center for treatment.

### 1.3 Safety requirements for batteries

- The battery must **NOT** be in a low voltage state; charge the battery **as soon as possible** when the voltage is below **42 V**;
- To avoid electric leakage, keep the battery dry and clean;
- Do **NOT** put metallic objects (such as tools) on the battery to prevent it from being short-circuited and burned;
- The charging room should be well ventilated;
- When the key switch is in the position “ON”, do **NOT** install or remove the battery;
- Before installing or removing the battery, disconnect first the negative wire (-) and then the positive wire (+). When rewiring, pay special attention to the polarity of the battery, as wrong connection would probably damage electrical components;
- Avoid direct contact between the positive and the negative electrodes, because it would cause a large current short circuit, high heat or even a fire.

### 1.4 General safety requirements

- In addition to what is mentioned in this manual, the general safety requirements must also be observed. Even if you have used a similar product before, we recommend that you read this manual carefully so that you can save much time as well as take precautions to protect the machine and yourself. It is vital that you become familiar with all the accessories and components before turning on the machine. Read our instructions carefully so that you will not be confused when you get started.

## Chapter 2 Operating the machine

### 2.1 Buttons and pedals of the machine

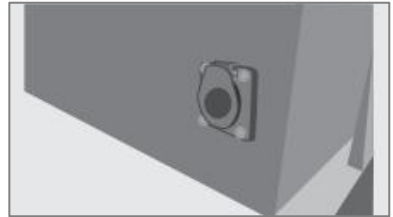
#### 2.1.1 Key controlling buttons of the machine

- ① Pickup broom button
- ② Water pump button
- ③ Pickup broom speed adjusting button
- ④ Sewage level alarming light
- ⑤ Suction motor
- ⑥ Power display



#### 2.1.2 Charging the batteries

- A socket with a minimum diameter of 4 mm is required.
- The charging room should be well ventilated and away from sparks, smoke and flammable or explosive substances.
- Do NOT use the machine during the charging process.
- The batteries should be charged for at least 8 hours so that they will have sufficient power during the work.



#### 2.1.3 Adding water to the water tank

- Before using the machine, add clean water to the clean water tank. Pay attention to the water quality to prevent blockage of the water pipe.



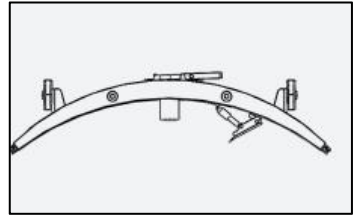
### 2.2 Operating the machine

#### 2.2.1 Preparation work

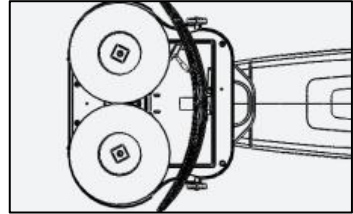


Before any operation, make sure that the switch is turned off, and then follow the instructions below.

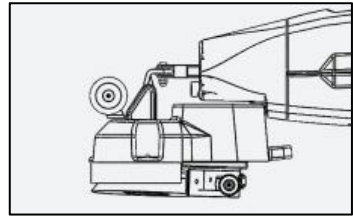
- Align the squeegee fixing screws with the holes on the squeegee and the bottom plate, and tighten them with an Allen wrench.



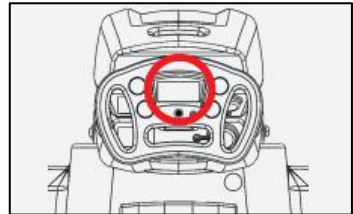
- Insert one of the ends of the suction pipe into the outlet hole of the sewage tank, and the other end into the suction hole of the squeegee.



- Adjust the position of the squeegee through the universal wheels on it.



- Turn on the switch and the current voltage of the batteries will be displayed on the screen. If the voltage is lower than 36 V or the last bar of the screen is flashing, please charge the batteries as soon as possible.



Note: the squeegee has been adjusted well by the original manufacturer.

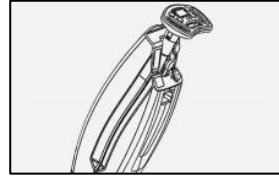
### 2.2.2 Starting the machine

- Turn on the general switch, the suction button, the pickup broom button and the pump switch, and then adjust the spin speed of the



pickup broom.

- Hold the steering wheel and push the machine forward; keep the machine running smoothly.



The sewage tank is equipped with a sewage level sensor. When the sewage level reaches its position, the alarm will be triggered and the user should discharge the sewage immediately.

### 2.2.3 Turning off the machine

- Turn off the suction motor, pickup broom motor and pump switch.
- Turn off the general switch.
- Use the universal wheels to lift the pickup broom and the squeegee.

### 2.2.4 Stopping the machine

- Release the accelerator pedal to stop the machine.
- Press the stop button and all sweeping functions are stopped, and the main brush and side brushes are raised.
- Turn the start switch to the "OFF" position.

## 2.3 Cautions

### 2.3.1 General instructions

- When the pickup broom is rolling, do **NOT** leave the machine in the same place for a long time, because this would leave unnecessary marks on the ground.
- When adding water to the water tank, pay attention to the water quality or blockage will be generated.
- When the sewage level reaches the highest position and the alarm is triggered, discharge the sewage tank immediately.
- Before adding clean water, discharge the sewage tank first or the total weight of the machine will be increased and the working time will be reduced.
- If you need to wash heavily polluted floor, you can add a certain amount of low-foam detergent to the clean water tank. In this case the use of defoamer is indispensable, or foam will be sucked into the suction motor and cause it to be burnt.

- In order for the machine to be in its best condition, the sewage tank should be discharged and washed once the work is finished.
- In winter or very cold regions, empty the clean water tank once the work is finished, because water may freeze and cause the tank to be cracked.
- If the machine is not about to be used within 30 days, please fully charge the batteries, disconnect the battery cords and store the machine in a dry and clean storage place.

### **2.3.2 Discharging the sewage tank**

- Turn off the general switch and make sure that the machine is stopped.
- Discharge sewage.
- You can wash the sewage tank with clean water.

### **2.3.3 Discharging the clean water tank**

- Turn off the general switch and make sure that the machine is stopped.
- Empty the clean water tank.
- You can wash the tank with clean water.

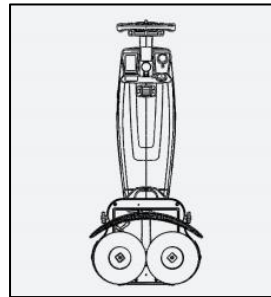
## Chapter 3 Regular inspection and replacement of damaged parts

### 3.1 Regular check items

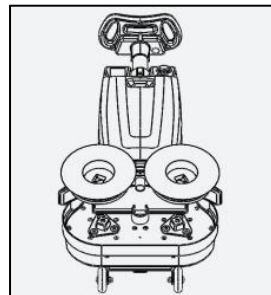
Check items		Time interval (h)				
		3	50	100	200	500
1	Battery power					
2	Carbon brush of the motors					
3	Is the brush entangled?					
4	Are there impurities in the water tank?					
5	Buttons and electric components					
6	Is the brush worn?					
7	Is the squeegee worn?					
8	Are the impurities in the filter?					
9	Is the sealing strip cracked?					
10	Is the water pipe cracked?					
11	Are the wheels and tires worn?					

### 3.2 Replacement of the pickup broom

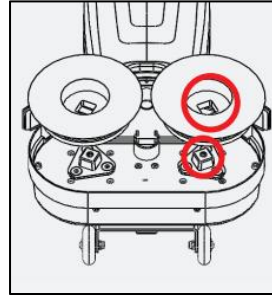
- Park the machine on the flat ground, and put the pickup broom face up.



- Hold the pickup broom and lift it upward to remove it.

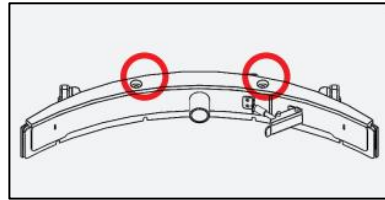
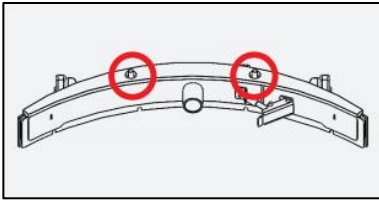


- Align the new pickup broom with the magnetic hoop and move the plate close to the hoop. Then the new pickup broom will automatically be installed.

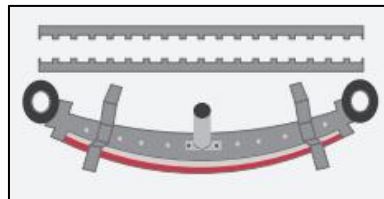
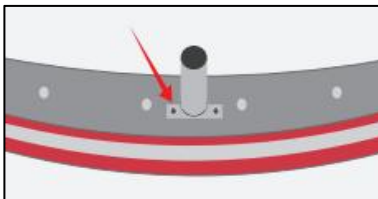
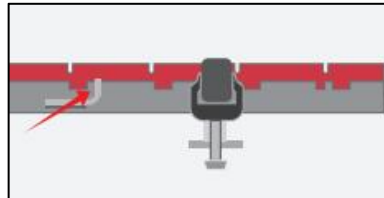
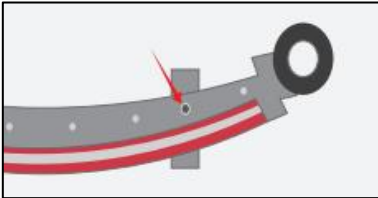


### 3.3 Replacement of the squeegee strip

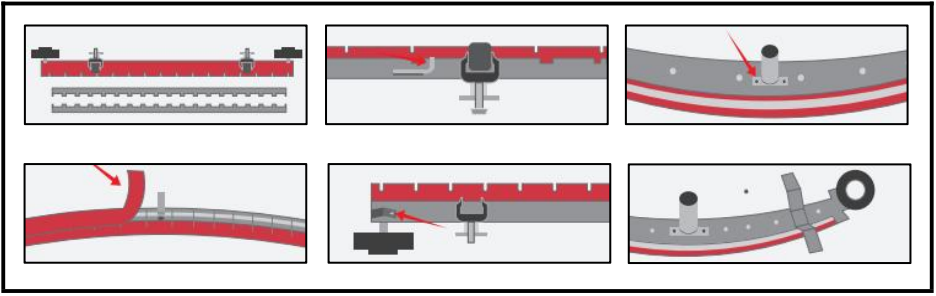
- Use an Allen wrench to remove the fixing nuts of the squeegee.



- Remove the rear wheels and the depression bar of the squeegee, and then remove the front and rear strips of the squeegee.



- Install the new strips.



### 3.4 Maintenance of the batteries

The machine is powered by a 36 V acid-lead battery and the system voltage is 36 V.

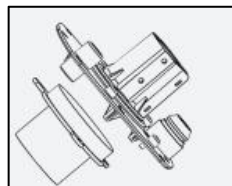
- The power of the battery will gradually decrease during the work. When the last bar of the display is flashing, the power is insufficient and charge the battery immediately.
- When maintaining the battery, please wear gloves to avoid contact with acid substances.
- Check whether the battery cords are worn or loose, and replace them if necessary.
- The battery should be kept dry and clean, and there should be no dust on its surface, since it is extremely harmful to the battery and may even cause it to be burnt in severe cases.

#### Caution!!

- In order for the battery to have a long service life, charge it immediately each time after using the machine; deep discharge is strictly prohibited, as it would reduce the capacity of the battery and shorten its service life.
- When charging the battery, first insert the battery, and then plug it into the mains; when the battery is fully charged, first cut off the mains, and then pull it out.
- If you do not need to use the machine for a long period of time, please charge the battery fully and disconnect the positive pole.

### 3.5 Removal and installation of the suction motor

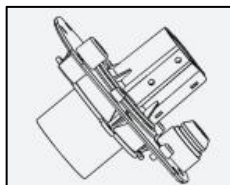
- The removal of the suction motor
  1. The suction motor is located below the water tank. Before removing it, discharge the clean water tank and the sewage tank.



2. Turn off the general switch and make sure that the machine is powered-off.
3. Loosen the water tank fixing nuts and take out the water tank.
4. Loosen the suction motor fixing nuts and take out the suction motor.

● Installation of the suction motor

1. Align the suction motor installation holes with the water tank fixing nuts and tighten the motor with nuts.
2. Connect the suction motor with the wire of the machine.



### 3.6 Removal and installation of the sewage level sensor

Note: the sewage level sensor is located inside the sewage tank; when the sewage level is too high, the switch of the sensor will be triggered and the machine will automatically be stopped.

- Remove the insulating tape and the leakage protection cover, cut the sensor wires and unscrew the plastic nuts of the sensor to remove it.
- When installation the sensor, pay attention to the polarity of the wires.

## Chapter 4 Common problems and solutions

The batteries cannot be charged.	The charger fails.	Replace the charger.
	The charging port is oxidized.	
The suction motor does not work.	The fuse is blown.	Replace the fuse.
The brush plate motor does not work.	The fuse is blown.	Replace the fuse.
No water outlet is produced.	The clean water pipe is blocked.	Clean the water pipe.
	There are impurities in the filter cover.	Clean the filter cover.
	The electromagnetic valve fails.	Check the electromagnetic valve.
Loud noise is produced.	The squeegee is in the wrong position.	Adjust the height of the universal wheels of the squeegee.
	The suction motor is broken.	Replace the suction motor.
The brush plate	The brush plate drops often.	Improper operation.
	The brush plate buckle is worn.	Replace the buckle.
The water suction efficiency is low.	The floating ball cage is blocked.	Clean the floating ball cage.
	The suction pipe is blocked.	Clean the suction pipe.
	The sealing of the sewage tank is cracked.	Replace the sewage tank.
	The strip of the squeegee is cracked.	Replace the strip.



## Chapter 5 Maintenance

Regular maintenance is necessary in order for the machine to be in its best condition, as well as to extend its service life and ensure the operator's safety. The time interval of maintenance can be changed under certain circumstances, but this must be determined by a professional technician.

When performing maintenance, make sure that the machine is turned off and the key is removed from the switch.

### 5.1 Operating conditions

- Temperature: -10 °C ~ 40 °C
- Relative humidity: 5%~70%
- No electricity-conductive and explosive gases or dust are presented
- No corrosive gases or vapor are presented
- Well ventilated indoor environment

### 5.2 Maintenance timetable

Items	Upon receiving	Every 10 h	Every 50 h	Every 100 h	Every 200 h	Every 500 h
Height of the pickup brooms						
Are the pickup brooms entangled?						
Belt of the main brush						
Dust suction motor and filter element						
Baffles						
Dust-vibrator motor						
Are all nuts and screws tightened?						
Degree of wear of the brake						
Degree of wear of the brushes						
Are all the driving chains tightened?						

## Chapter 6 After-sale services

### 6.1 General description

- Seven-day guaranteed return, fifteen-day guaranteed replacement, one-year warranty for the whole machine, 6-month warranty for damaged parts, and no warranty for consumables (calculated from the next day after receiving the machine).
- The delivery receipt and purchase invoice are certificates for warranty and must be kept properly.

### 6.2 Contents of warranty

Category	Contents	Warranty period
The entire machine	Sheet metal parts, batteries, motors, controllers, accelerator pedal, relay, charger, spray gun, high-pressure pump, brake assembly	1 year
Damaged parts	Shock attenuator, inner springs, wheels, nozzles, lights, bearings, universal wheels, fuses	6 months
Consumables	Side brush, main brush, filter element, baffle, conveyor belt, sealing strip, high pressure water pipe	No warranty

### 6.3 Cases not covered in the warranty

- The operator fails to perform maintenance according to the instruction manual, resulting in damage or failure.
- The surface and/or the structure of the machine are obviously damaged due to improper operation.
- Disassembly or modification not approved by the original manufacturer.
- Damage due to weather or force majeure.
- The warranty is expired or the machine has been used for more than 1,500 hours.

# Warranty Card

用户名 User's name		联系电话 Tel	
通讯地址 Address		票据号 Bill No.	
购买时间 Date of purchase		机身编号 Serial number	
产品型号 Type of product		日期 Date	
更换配件： Accessories to be replaced:			
故障描述： Fault description:			

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