



Cute26SP Floor Scrubber Instruction Manual

We aim to provide safer, higher-end and more user-friendly cleaning equipment with the help of the newest technology and innovative ideas.

Preface

This instruction manual contains all the information that you need to use and maintain the machine. Please read it carefully before getting started.

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

In order to ensure your safety, the following instructions must be followed when operating the machine and performing maintenance:

-  Do NOT use the machine after drinking or taking medicine.
-  Turn off the machine before any maintenance or repair.
-  The machine can only be used by trained and competent personnel; children and disabled people are forbidden to use it.
-  Keep the batteries away from sparks, flame and smoke.
-  Do NOT use the machine in places with flammable or explosive liquids, gases and vapor.
-  When operating the machine, do NOT wear loose clothing, and keep your body away from the moving parts of the machine.
-  Do NOT smoke when charging the batteries.
-  In the event of a fire, use a powder extinguisher instead of water.
-  It is crucial to give due consideration to the machine's disposal process. If any hazardous substances fail to meet the required standards, they must be transported to a designated service center for appropriate treatment.

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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Chapter 1 General description

1.1 Suitable scenes

This product can be used in different settings, such as restaurants, schools, hospitals, factories, supermarkets, warehouses & office buildings, etc. It can clean various hard floors effectively, such as mirror tile floor, marble floor, epoxy floor, PVC floor, emery floor, terrazzo floor, concrete floor, ceramic tile, etc.

1.2 Overview of the product



No.	Name	No.	Name
1	Sewage tank cover	15	Brush motor overload protector
2	Handle	16	Suction motor overload protector
3	Sewage Tank	17	Clean water tank inlet
4	Clean water tank inlet	18	Charger interface
5	Clean water tank	19	Water level tube
6	Anti-collision wheel	20	Sewage tank drain hose
7	Brush plate cover	21	Squeegee Handle
8	Power display	22	Adjust the brush disc pressure
9	Forward and reverse switch	23	Pedal to lift or lower the brush
10	Speed control	24	Water valve switch
11	Vacuum motor switch	25	Knob to adjust the angle of the squeegee
12	Brush motor switch	26	Knob to hold the squeegee in place
13	Key switch	27	Squeegee assembly
14	Suction hose	28	Anti-collision wheel

1.3 List of accessories

When you receive the product, check whether all of the following items are presented. Contact us if there is any part missing.

Item	Number
Scrubber	1
Charger	1
Squeegee	1
Instruction manual	1
Warranty card	1

1.4 Consumables and optional items

- ⓘ Consumables/Wearables refer to accessories that will wear out gradually and need to be replaced when they cannot perform.
- ⓘ You can purchase these wearable parts on our website:<https://www.crystalfloorscrubber.com/frequently-bought-accessories>

Consumables
Brush plate
rubber
Needle plate
Scouring pad (red)
Scouring pad (black)
Scouring pad (white)
Soft Black Brush

Chapter 2 Unloading and assembling the machine

2.1 Unloading the machine

- ⌚ Remove the packaging carefully to avoid damaging the machine.
- ⌚ We recommend that you keep the packaging of the product because it can be used again if you need to repair or transport the Machine.
- ⌚ Do NOT unload or unpack the machine violently.

2.2 Assembling the machine

2.2.1 Installing the squeegee

- ⌚ Use the squeegee lifting handle to put down the squeegee holder.
- ⌚ Pass the squeegee fixing screws through the holes of the squeegee holder, and tighten them with plastic knobs:



2.2.2 Installing the suction hose

- ⌚ Remove the cover of the sewage tank and insert the sewage suction hose.
- ⌚ Insert the conical mouth of the suction pipe into the hole of the sewage tank, and the other end into the suction port of the squeegee.



2.2.3 Brush / scouring pad Installation

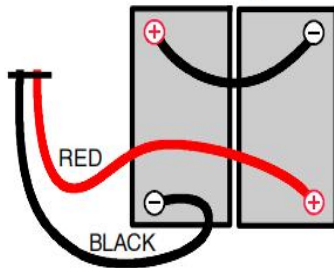
FOR SAFETY: Before you leave or perform any servicing on the machine, please turn off the machine and ensure it is positioned on a flat and even surface.

1. To take off the brush: step on the brush pedal all the way down and slightly move the pedal to the right. The brush is now lifted. Pull down the brush to detach the magnets from the brush plate.
2. To change from a brush to a pad holder: Press the pad of your choice against the needle holder. Put on & install the center blue driver disk by turning it clockwise. Then flip the pad holder over, align the center of the pad holder to its plate above, snap on the magnet by gently pulling it up.



2.2.4 Connecting the battery cords

- ⌚ Empty the sewage tank if needed & flip open the sewage tank to its side, and check whether all the cables on the batteries are connected and tightened.
- ⌚ Connect the battery poles. Pay attention to the positive and negative terminals.
- ⌚ Flip the sewage tank back to its original position.



Chapter 3 Checks and adjustments before using the machine

3.1 Check items

3.1.1 Checking the water volume in the clean water tank

- ⌚ Make sure that there is sufficient water in the clean water tank before work. Do NOT do the cleaning without enough water, or dust may be sucked into the suction motor leading to loud noise and low working efficiency.

3.1.2 Checking the water level in the sewage tank

- ⌚ Pay special attention to the water level in the sewage tank. When the floating balls are in the highest position, drain the sewage tank immediately or the suction motor will be burned.



3.1.3 Checking the voltage of the batteries

- ⌚ When the general switch is turned on, the current voltage of the batteries will be displayed on the voltmeter. If the last bar of the voltmeter is flashing, the power is insufficient and please charge the batteries immediately.
- ⌚ Note that deep discharging (e.g. frequently using the machine when the voltage is lower than 21 V) will reduce the service life of the batteries.

3.1.4 Checking the degree of wear of the brush plate

- ⌚ Check whether the brush plate is worn. Replace it when needed.



3.1.5 Checking the degree of wear of the strip

The rubber needs to be replaced if:

- ⌚ If the rubber is worn, cut or cracked that it cannot create an airtight situation when it's touching the floor, the suction effect will not be satisfactory. Please check and replace it periodically.

3.2 Adjustment of the squeegee

- ⌚ Turn the plastic knobs/nuts on the universal wheels to adjust the height of the squeegee. It is ideal to have the rubber bent at a 45 degree angle while touching the floor to create an airtight situation for better suction effect.



Chapter 4 Instructions on operating the machine

4.1 Moving the machine

- ⊗ When the general switch is turned off, you can push the machine forward after the brush plate and the squeegee are lifted.



- ⊗ When the general switch is turned on, you can push the machine forward when the brush plate and the squeegee are lowered and working.
- ⊗ If you need to pull the machine backward, make sure that the squeegee is lifted or the strip and the sheet metal will be deformed.

4.2 Scrubbing the floor

1. Lower the squeegee lever to lower the squeegee assembly to the ground.
2. Step on the brush pedal all the way down and slightly move the pedal to the left side to lower the brush.
3. Turn the key to turn on the main power.
4. Press the brush disc motor control button.
5. Press the water suction motor control button.
6. Put the machine in forward gear when moving the machine forward, and to the backward gear when moving it backward.

7. Turn the speed dial to set your desired speed.

8. Securely hold on to the steering handle with both hands while gently pulling up the metal bar beneath the handle. The machine will move forward.

Note: when the brush plate motor is turned on, do NOT leave the machine in the same place for a long time, or this would leave unnecessary marks on the ground.



(1)

(2)

(3)

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4.3 Drain sewage

- ⌚ Before drain the sewage tank, stop the machine and turn off the general switch.
- ⌚ Put down the sewage drain hose, open the cap and drain the sewage.
- ⌚ Rinse the sewage tank with clean water.



4.4 Stopping the machine

- ⌚ When the work is finished, drain the sewage tank.
- ⌚ Move the machine to an appropriate storage place.
- ⌚ Turn off all the buttons on the control panel.
- ⌚ Remove the filter in the sewage tank and wash it with clean water.



- ⌚ Empty the water tank and, if necessary, rinse it with clean water.
- ⌚ Lift up the brush and the squeegee.

Note: if the machine will not be used for a long period of time, please fully charge the batteries, & disconnect the battery cords/lines to avoid power loss. Batteries should be charged semi-monthly to avoid deep discharging which would result in battery failure.

4.5 Charging the batteries

Note: the machine is powered by two 12 V maintenance-free lead-acid batteries and the total system voltage is 24 V.

- ⚠ The total voltage of the batteries will gradually decrease during the work. When the last bar of the voltmeter is flashing, the machine is running out of power. Please charge the batteries immediately.
- ⚠ When dealing with the batteries, please wear gloves to avoid direct contact with acid substances.
- ⚠ Check whether the battery cords are worn and the connecting parts are loose, and replace them when necessary.
- ⚠ Keep the batteries dry and clean and make sure that there are no dust on them, since it is extremely harmful to the batteries and may even cause them to burn in severe cases. Do NOT put any object (especially metallic object) on the batteries either.
- ⚠ In order to extend the service life of the batteries, charge them immediately when the cleaning work is finished. Deep discharging is strictly forbidden for it will reduce their capacity and service life.
- ⚠ The correct steps of charging the batteries: connect the external charger to the plug on the machine first before connecting the charger to the wall outlet.
- ⚠ If the machine will not be used for a long period of time, please fully charge the batteries, & disconnect the battery cords/lines to avoid power loss. Batteries should be charged semi-monthly to avoid deep discharging which would result in battery failure.



Chapter 5 Cleaning and maintenance of the machine

Regular maintenance can extend the service life of your machine.

5.1 Cleaning of the machine

- ⌚ Check the wheels regularly and remove entanglements.
- ⌚ Clean the sewage tank and the sewage drain hose with clean water regularly.
- ⌚ Clean the filter of the water valve. If you notice any dirt or particles on the transparent cover, you can unscrew the filter and wash the cover and the filter screen repeatedly.

Alert: do NOT wash the machine body with water directly, since it is NOT strictly water-proof and may be short-circuited or burned in this case.

5.2 Maintenance of the machine

5.2.1 Daily

1. After you turn off the machine, please wait for 10+ seconds before you turn it on again. Turning the power on and off too fast and too frequently might damage the machine.
2. Empty and rinse the recovery tank with clean water. Leave the tank top cover open to air-dry.
3. Remove the squeegee assembly, rinse and wipe it clean. Check the squeegee inlet for clogs or debris.
4. Clean and wipe the tops of batteries with an ammoniated window cleaner.
5. Charge the batteries as described in this manual.

5.2.2 Weekly

Never test the strength of the battery unless it is fully charged and cool.

Check the battery cells with a hydrometer.

5.2.3 Monthly

1. Lubricate brush and squeegee lift mechanisms with light oil.
2. Clean the filters, wash them with water.
3. Check for wear or damage of clutch plate, brushes, pads or squeegee blades.
4. Clean all battery terminals.
5. Check all electrical connections and tighten them if any connection is loose.
6. Clean the entire machine with an all purpose cleaner.

5.2.4 Replacement of the strip of the squeegee

- ⌚ Lower the squeegee handle to lower the squeegee. Turn the innermost knobs and take out the squeegee.
- ⌚ Remove the rear wheels of the squeegee, use a wrench to remove the fixing nuts of the squeegee, unscrew the fixing knob of the squeegee bar, and take out the bar, the front strip, the rear strip and the squeegee.
- ⌚ Install the new rubber, tighten the rear wheels & put the squeegee back on the rack by reversing the steps mentioned above.



Chapter 6 Storage and transportation of the machine

6.1 Storage of the machine

- ⌚ If you do not need to use the machine for a long time, please remove and wash the squeegee and the brush plate, and store them in a dry clean place. We recommend that you store them in an airtight plastic container.
- ⌚ Make sure that the water tanks are drain and cleaned.
- ⌚ If the machine is not going to be used for an extended period, please fully charge the batteries and disconnect the battery cords to prevent power loss. The batteries need to be charged semi-monthly to avoid deep discharging which would result in battery failure.

6.2 Transportation of the machine

- ⌚ When lifting or lowering the machine, make sure that it is in a stable position to prevent it from tipping over or falling.
- ⌚ When the machine leaves the factory, it is fixed on a wooden pallet and carried on a transport vehicle with appropriate equipment; upon arrival at the destination, a similar setting needs to be arranged to load or unload the machine safely.
- ⌚ When using a forklift to move the machine, the forklift should move the entire box with the machine well-affixed inside it. Do NOT use a forklift to pick up the machine directly or it might damage the machine. Machine could also tip over or fall easily from the forklift and cause property damage or human injury.

Chapter 7 Common problems and solutions

The batteries cannot be charged.	The charger fails.	Replace the charger.
	The charging port is oxidized.	Replace the charging port
The suction motor does not work.	The overload protector tripped.	Reset the overload protector.
The brush plate motor does not work.	The overload protector tripped.	Reset the overload protector.
Not enough water is coming out	The clean water hose is blocked.	Clean the water hose.
	There are impurities in the filter cover.	Clean the filter cover.
	The water solenoid fails.	Check, clean or replace the water solenoid.
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.	Re-install the brush properly.
The water suction efficiency is low.	The floating ball is stuck.	Clean the debris near the floating ball and shake it a little to get the ball down.
	The suction hose is blocked.	Clean the suction hose.
	The sealing of the sewage tank is cracked.	Replace the rubber sealant.
	The strip of the squeegee is cracked.	Replace the strip.

Chapter 8 After-sale services

8.1 General description

-  One-year warranty will be honored on the non-wearable parts. Users can easily purchase the wearable parts (brush, pad, needle plate/holder, squeegee rubber, etc) on our website.
-  The delivery receipt and purchase invoice are certificates for warranty and must be kept properly.

8.2 Cases not covered in the warranty

-  The operator fails to perform maintenance listed in this instruction manual.
-  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.

Technical parameters

Model	Cute26SP
Battery capacity (V/Ah)	2*12/120
Suction motor (Hp)	0.67
Brush plate motor (Hp)	0.4*2
Traction motor (Hp)	0.4
System voltage (V)	24
Brush width (In)	2*13=26
Squeegee width (In)	36
Net weight (Lb)	366
Clean water tank capacity (Gal)	16
Sewage tank capacity (Gal)	17
Product size (In)	51*30*43
Package size (In)	54*34*51
Machine with box weight (Lb)	520

Warranty Card

Property of:		Tel:	
Address:			
Date of purchase:		Delivery Date:	
Model #:			
Accessories to be replaced:			
Notes:			

