



GW-150A Auto Scrubber

User Manual

----- Version 1.1

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1. Introduction

1.1 Summary

This manual covers basic operation and maintenance for the GW-150A Auto Scrubber. The manual includes information for charging the battery system, filling the clean water tank, and emptying the dirty water tank.

1.2 Liability

We make every effort to make this manual as complete and accurate as possible, and we are not responsible for any errors or loss of information. XINGYI reserves the right to change the instructions in this manual without prior notice.

This manual is protected by copyright law and cannot be reproduced or used in any part without the express written consent of XINGYI.

1.3 Warranty

This warranty only covers manufacturing defects. XINGYI bears no responsibility for damage that arises or occurs during transportation, unpacking or use. In no instance and under no circumstances shall the manufacturer be held responsible for damage and defects caused by incorrect use, corrosion or use outside the prescribed specifications. The manufacturer is not responsible for indirect damage or costs under any circumstances. For complete information on the manufacturer's warranty period, see XINGYI MACHINE USA's current warranty terms. Local distributors may have special warranty terms specified in their terms of sale, delivery and warranty. If there is any uncertainty regarding warranty terms, please contact your dealer.

2. Safety

This manual indicates the important information / rules that must be observed when using XINGYI's machine.

2.1 Operation Safety

Users of machines from XINGYI have the ultimate responsibility for ensuring that everybody who works with or in the vicinity of the equipment follows all applicable safety rules. Safety measures must meet the requirements that apply to this type of equipment. Apart from the standard rules that apply in the workplace, the recommendations in this manual shall also be observed.

All work must be performed by trained personnel. Users of machines from XINGYI must have read through the dedicated manual for the machine. Incorrect use of the equipment could result in situations that could cause harm to the operator, the surroundings, or the machine. Machines from XINGYI may only be used in the way recommended by XINGYI, for commercial purposes.

Anyone using the machine shall know about:

- its functions
- the safety rules for the work

The operator shall ensure that:

The workplace shall:

- be suitable for the purpose.
- be secured from loose objects that can be thrown out by the machine.
- be free from protruding bolts etc. on the surface to be processed.

General precautions:

- Check the machine battery system is charged.
- Work on live parts shall only be performed by qualified personnel.
- Suitable fire extinguishers should be clearly marked and close to hand.
- Maintenance of the equipment must not be performed during operation.

2.2 Electrical Safety

- Work on live parts shall only be performed by qualified personnel.
- Battery may be charged when the machine is not in use.

3. General Information

3.1 Unpacking

Check the packaging and equipment carefully on delivery for any possible transport damage. If there is any sign of damage, contact the dealer and report the damage by photos, report form or any other necessary evidence in the first place. Report packaging damage to the carrier as well. Check whether the delivery meets the order. If you have any questions, please contact the dealer.

3.2 Transport

Always make sure that the machine is securely anchored to its surroundings and that the cleaning head is lowered onto the surface. Tighten the securing straps, or other equipment used for anchoring during transport over non-moving parts, e.g. the machine's chassis.

3.3 Lifting

The machine should be placed on a pallet before transport or shipping.

3.4 Movement

When moving on sloping surfaces, e.g. loading ramps, the battery system should have a minimum of 40% charge.

3.5 Storage

The machine should be stored in a heated, dry place at normal temperature when not in use. It may be damaged by condensation and cold.

4. Machine Description

The GW-150A Auto Scrubber is a floor cleaning machine and can be used on any hard surface floor, including polished concrete, sealed concrete, terrazzo, tile, laminate, or wood. This low water use machine makes cleaning fast and easy. This machine cleans up residual water and stores it in a disposal tank.

4.1 Standard Delivery

The machine will go with the following items. If anything is lost, please contact your dealer.

- 4 -6-volt batteries.
- 1-24-volt charger.
- Squeegee for vacuum connection.
- 2- Cleaning brushes with magnetic attachment.

4.2 General Diagram

Side View



Back View



4.3 Operation Controls

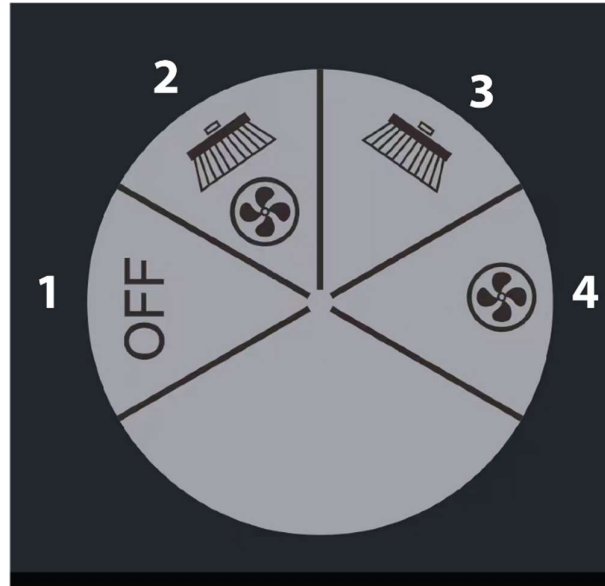


Control Descriptions

- | | |
|-----------------------------|------------------------|
| 1. Forward/reverse | 6. Eco button |
| 2. Dirty tank warning light | 7. Travel speed |
| 3. Clean tank warning light | 8. Key switch |
| 4. Horn | 9. Mode selector |
| 5. Led Light | 10. Water control knob |

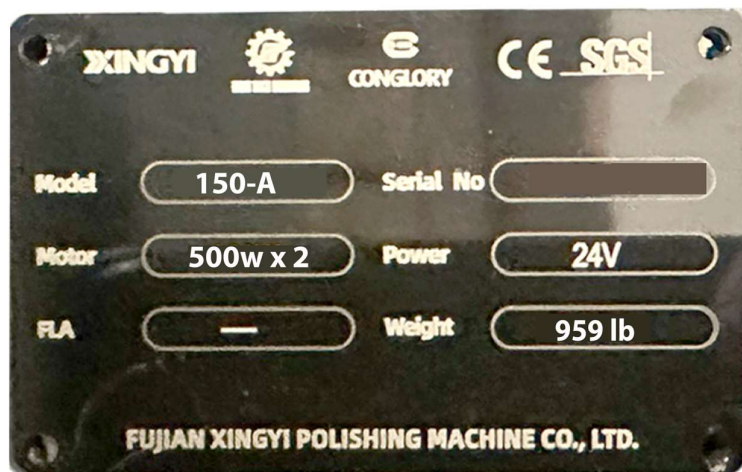
Mode Selection

- 1. Off
- 2. Brush + vacuum
- 3. Brush only
- 4. Vacuum only



4.4 Machine Plate

Located in battery compartment



4.5 Basic Operation

Make sure the clean water tank is filled. Add cleaner as needed. Make sure brushes are installed.

1. Turn the key switch to the on position.
2. Lower the brush to the floor.
3. Lower the vacuum squeegee to the floor.
4. Adjust the water control knob
5. Turn the selector knob to brush + vacuum
6. Push the direction lever to the forward position.
7. Step on the accelerator to begin moving.

4.6 Heavy Cleaning

When you need to remove heavy soils from a floor, you may pre-soak the floor for a period of time. Start by lowering the brush to the floor. Keep the squeegee in the up position. Turn the selector knob to brush only and adjust the water level so you keep an amount of water on the surface. Be sure you have added a cleaner to the water tank. After 10-15 minutes you can drop the squeegee and change the selector to vacuum-only to pick up the excess water. Be sure to remove the excess water before it dries on the floor.

4.7 Filling the Clean Water Tank



The fill spout is located on the right side of the machine. The water level tube is located below to the right.

4.8 Draining the Dirty Water Tank

Park the machine near a drain or a safe place to empty the dirty water tank. Release the drain hose from the hook on the back of the machine. Unscrew the cap to begin draining the tank. It is important not to allow the dirty water tank to overfill. After draining the tank, rinse the inside of the tank with clean water. You can also remove the filter and rinse it completely.

4.9 Battery Charging

Once the battery has reached less than 20% you should charge the battery. Never allow the battery to drain completely. Plug the battery charger into the plug in the battery compartment. Allow the battery to charge overnight, or until the next use. The current charge level can be read on the display panel.

5. Troubleshooting

Problem	Possible Cause	Solution
The Machine won't run	The battery is out of power	Battery charging
	Battery failure	Replace the battery
	Loose connection of battery	Tighten the battery wiring
	The main fuse is blown	Replace fuse
Brush is not working	Brush is raised	Lower the brush
	Brush fuse is blown	Replace fuse
	Brush switch malfunction	Contact service center
Vacuum won't work	Squeegee is up	Lower squeegee
	Vacuum fuse is blown	Replace fuse
	Vacuum motor failure	Contact service center
Low water rate	Water tank is too low	Fill water tank
	Water flow is set too low	Adjust the water setting
	Water tank filter or pipe is clogged	Clean the water filter. Check the feed hose
	Battery charger is damaged	Replace charger
Dirty water recovery slow	Vacuum squeegee worn	Check the squeegee to make sure there is contact with the surface
	Vacuum hose is blocked	Check the hose, clear if needed
	Vacuum motor failure	Contact service center
Short running time	Battery voltage is too low	Charge the battery
	Battery charger not working	Replace the charger
	Battery voltage at zero	Replace the batteries

6. Technical Data

GW-150A	
Brush diameter	33.5" / 850mm
Production rate	5000 FT ² per hour
Squeegee width	47" / 1200mm
Working time	4-6 hours
Clean water tank	34 Gals / 130L
Dirty water tank	37 Gals / 140L
Brush motor power	500 watts x2
Vacuum suction	190 CFM
Battery system	24V
Weight	959 lbs.
Dimensions	63" L x 43" W x 54" H