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- › [HOBOT](#) /
- › [HOBOT 188 Robot Window Cleaner Instruction Manual](#)

HOBOT Hobot-188

HOBOT 188 Robot Window Cleaner Instruction Manual

Model: Hobot-188

INTRODUCTION

The HOBOT 188 is an intelligent robot designed for cleaning glass surfaces, including windows, mirrors, and tiled walls. It features AI Technology V2.0 for efficient cleaning and includes safety mechanisms for reliable operation.

IMPORTANT SAFETY INFORMATION

Read all safety warnings and instructions before using this product. Failure to follow the warnings and instructions may result in electric shock, fire, or serious injury.

- Always connect the safety rope before operating the HOBOT 188.
- Ensure the power cord is securely connected and not obstructed during operation.
- Do not use the device on cracked or damaged glass surfaces.
- Keep hands, hair, and loose clothing away from moving parts.
- Do not operate the device in rain or extreme weather conditions.
- Supervise children to ensure they do not play with the appliance.

PACKAGE CONTENTS

Verify that all items are present in the package:

- HOBOT 188 Robot Window Cleaner Unit
- Remote Control
- Power Adapter and Extension Cord
- Safety Rope
- Microfiber Cleaning Cloths
- Instruction Guide (this manual)



SETUP

1. **Attach Cleaning Cloths:** Secure the microfiber cleaning cloths to the bottom of the HOBOT 188 unit. Ensure they are properly aligned and cover the cleaning pads.



Image: Bottom view of the HOBOT 188 robot, showing the two circular cleaning pads where microfiber cloths are attached.

2. **Connect Power:** Plug the power adapter into the HOBOT 188 unit and then into a power outlet. The unit requires continuous power during operation.
3. **Secure Safety Rope:** Attach the safety rope to a sturdy fixture indoors, such as a heavy piece of furniture or a window frame. This is crucial to prevent the device from falling in case of power loss or suction failure. The safety rope has a tensile strength of 150Kgf.

OPERATING INSTRUCTIONS

1. **Power On:** Place the HOBOT 188 on the glass surface you wish to clean. Ensure the unit is centered and has good contact with the surface. Press the power button on the unit or the remote control. The robot will create suction and adhere to the glass.



Image: The HOBOT 188 robot cleaning a window, with the remote control visible, demonstrating its operation on vertical glass surfaces.

2. **Select Cleaning Mode:** Use the remote control to select one of the three automatic operation modes for cleaning the entire window. The HOBOT 188 will automatically detect the edges of the window and plan its cleaning path.
3. **Monitor Progress:** The robot will clean the surface at a speed of approximately 4 minutes per square meter. It will stop automatically upon completion of the cleaning cycle.
4. **Emergency Power System:** The HOBOT 188 is equipped with an embedded UPS (Uninterrupted Power System). In case of an accidental power off, the device can still absorb to the surface for approximately 20 minutes, allowing time for retrieval.
5. **Versatile Use:** The HOBOT 188 is suitable for various smooth surfaces including windows, seamless tiles, frameless mirrors, and glass doors. It can also be used in a table cleaning mode for horizontal surfaces.

Demonstration Videos

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Video: This video demonstrates the HOBOT 188 robot window cleaner in action, showing its movement and cleaning capabilities on a window. It highlights the robot's ability to remove dust and dirt from glass surfaces.

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Video: This video showcases the HOBOT 188 robot cleaning various glass surfaces, including windows and potentially other smooth areas. It illustrates the robot's automated cleaning process and its effectiveness.

MAINTENANCE

1. **Clean Microfiber Cloths:** After each use, remove the microfiber cleaning cloths from the HOBOT 188. They can be hand-washed or machine-washed with mild detergent. Ensure they are completely dry before reattaching for next use.



Image: Close-up of the microfiber cleaning cloths used with the HOBOT 188, highlighting their texture for effective cleaning.

2. **Inspect Suction Rings:** Periodically check the suction rings for any debris or damage. Clean them gently with a damp cloth if necessary.
3. **Store Properly:** When not in use, store the HOBOT 188 in a cool, dry place, away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Robot loses suction and falls.	Power cord disconnected; suction pads dirty; surface too porous.	Ensure power cord is securely connected. Clean suction pads. Use on smooth, non-porous surfaces. Always use the safety rope.
Cleaning performance is poor.	Cleaning cloths are dirty or worn; insufficient cleaning solution; extremely dirty surface.	Replace or clean microfiber cloths. Apply appropriate cleaning solution. For very dirty windows, perform a dry clean first, then a wet clean, or multiple passes.
Robot does not clean corners effectively.	Design limitation due to circular pads.	The HOBOT 188 may not reach the innermost corners due to its design. Manual touch-up may be required for perfect corner cleaning.
Remote control is unresponsive.	Remote control batteries are low or depleted; obstruction between remote and robot.	Replace remote control batteries. Ensure a clear line of sight between the remote and the robot.

SPECIFICATIONS

Feature	Detail
Brand	HOBOT
Model Number	Hobot-188
Special Feature	Automatic Dust Collection
Filter Type	Cloth
Voltage	24 Volts
Power Source	Battery Powered (with continuous power cord)
Control Method	Remote Control
Form Factor	Robotic
Item Weight	4.65 pounds
Package Dimensions	11.81 x 9.17 x 5.43 inches
Surface Recommendation	Glass
Cleaning Speed	4 mins/meter ²
Safety Rope Tensile Strength	150Kgf
Power Consumption	80W
Input Voltage	100~240VAC, 50~60Hz

WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the official HOBOT website or contact

their customer service directly. Details are typically provided in the product packaging or on the manufacturer's official channels.