

## Tosima W2

# Tosima W2 Window Cleaner Robot User Manual

Model: W2

## 1. INTRODUCTION

Welcome to the Tosima W2 Window Cleaner Robot user manual. This guide provides essential information for setting up, operating, maintaining, and troubleshooting your new intelligent window cleaning device. Please read this manual thoroughly before first use to ensure optimal performance and safety.

The Tosima W2 is designed to simplify window cleaning with its advanced features, including intelligent path planning, powerful 3800Pa suction, and edge detection technology. It is suitable for various glass surfaces, such as windows, mirrors, and glass doors.

## 2. SAFETY PRECAUTIONS

**Important Safety Instructions: Read and follow all safety instructions before using this appliance.**

- Always attach the safety rope to a secure anchor point before operation, especially when cleaning high-rise windows.
- Ensure the power cord is securely connected and has sufficient slack to prevent accidental disconnection.
- Do not use the robot on cracked or damaged glass surfaces.
- Keep hands, hair, and loose clothing away from moving parts.
- Do not use the robot in rainy or extremely humid conditions.
- Keep out of reach of children and pets.
- Use only recommended cleaning solutions. Highly concentrated or corrosive solutions may damage the device.
- Regularly inspect the cleaning pads for wear and tear. Replace as needed.

## 3. WHAT'S IN THE BOX?

Upon unpacking your Tosima W2 Window Cleaner Robot, verify that all components are present:

- Tosima W2 Window Cleaner Robot

- Remote Control
- Microfiber Cleaning Pads (multiple pairs)
- Safety Cable
- Power Adapter
- AC Power Cord
- 100ml Sprayer Bottle
- User Manual
- Nozzle Cleaning Tool (small pin)



Figure 1: Contents of the Tosima W2 Window Cleaner Robot package.

## 4. SETUP GUIDE

### 1. Prepare the Cleaning Pads:

Ensure the microfiber cleaning pads are clean and dry. Attach one pad to each of the two rotating discs on the underside of the robot. The pads are designed to fit snugly.



Figure 2: Attaching the microfiber cleaning pads.

### 2. Fill the Water Reservoir:

Locate the water reservoir cap on the robot. Use the provided 100ml sprayer bottle to fill the reservoir with clean water or a very diluted window cleaning solution. Avoid using highly concentrated or foamy solutions.

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Video 1: Demonstrates filling the water reservoir of the Tosima W2 robot. The user is shown carefully pouring liquid

into the designated opening on the robot's body.

### 3. Connect Power and Safety Rope:

Connect the power adapter to the robot and then to a power outlet. Securely attach the safety rope to the designated attachment point on the robot and to a sturdy anchor point (e.g., a window frame, heavy furniture) to prevent accidental falls.



Figure 3: Proper connection of power and safety rope for secure operation.

## 5. OPERATING INSTRUCTIONS

### 1. Placement and Initial Activation:

Place the robot on the glass surface you wish to clean. Press and hold the power button on the robot for approximately 3 seconds until the indicator light turns green and you hear the suction motor activate. The robot will firmly attach to the glass.



Figure 4: Initial placement and activation of the robot on the window.

## 2. Start Cleaning Cycle:

Once the robot is securely suctioned, use the remote control to select a cleaning mode or simply press the 'Start' button. The robot will automatically detect the window size and plan an efficient cleaning path (Z/N pattern) to cover the entire surface.



Figure 5: The robot executing its intelligent cleaning path.

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Video 2: Official product video showcasing the Tosima W2 Window Cleaning Robot in action, demonstrating its movement and cleaning capabilities on various surfaces.

## 3. Monitoring and Completion:

Monitor the robot's progress. It will automatically stop and return to its starting position upon completion of the cleaning cycle. The robot may also provide verbal announcements for status updates.

## 4. Removing the Robot:

Once the cleaning cycle is complete, carefully grasp the robot and press the power button to release the suction. Remove the robot from the glass surface.

# 6. MAINTENANCE

- **Cleaning Pads:**

Remove the microfiber pads after each use. They are washable and reusable. Hand wash or machine wash with mild detergent and air dry. Ensure they are completely dry before next use.

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Video 3: Demonstrates the reusability and cleaning process of the microfiber pads. The video shows how to remove and clean the pads for continued use.

- **Nozzle Cleaning:**

If the spray function is weak or clogged, use the provided nozzle cleaning tool (small pin) to clear any blockages in the spray nozzles.

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Video 4: A short preview video showing the process of cleaning the spray nozzles on the robot using the provided tool.

- **Robot Body:**

Wipe the robot's body with a soft, damp cloth. Do not immerse the robot in water.

## 7. TROUBLESHOOTING

| Problem                          | Possible Cause   | Solution  |
|----------------------------------|--|---|
| Robot does not suction to glass. | Insufficient power; dirty pads; uneven surface.              | Ensure power cord is securely connected. Clean or replace pads. Ensure glass surface is flat and clean. |
| Robot leaves streaks.            | Pads are dirty or oversaturated; improper cleaning solution. | Use clean, dry pads for each side of the window. Use diluted cleaning solution or water.                |
| Spray function not working.      | Nozzles clogged; empty water reservoir.                      | Clear nozzles with the provided tool. Refill water reservoir.   |
| Robot falls from window.         | Power loss; safety rope not secured; extreme conditions.     | Ensure continuous power. Always secure the safety rope. Do not use in high winds or rain.               |

## 8. SPECIFICATIONS

- **Brand:** Tosima
- **Model Name:** Window Cleaning Robot (W2)
- **Color:** White
- **Product Dimensions:** 2.2"L x 1.3"W x 4.3"H
- **Item Weight:** 4 pounds
- **Suction Power:** 3800Pa
- **Battery Life (Emergency):** 25 minutes
- **Control Method:** Remote Control
- **Compatible Devices:** Windows, Mirrors, Glass Doors, Tiles
- **Power Source:** Battery Powered (requires continuous AC power for operation)
- **Manufacturer:** Tosima
- **Country of Origin:** China
- **Date First Available:** December 8, 2023

## 9. WARRANTY AND SUPPORT

Tosima offers a comprehensive warranty and dedicated customer support for your W2 Window Cleaner Robot:

- **Warranty:** Up to 24 months warranty from the date of purchase.
- **Money Back Guarantee:** 30-day money back guarantee.
- **Customer Service:** Prompt 24-hour email support.

For any inquiries, technical assistance, or warranty claims, please contact Tosima customer service through the contact information provided on the product packaging or the official Tosima website.