

# YATO YT-24990 Drain Auger Instruction Manual

Model: YT-24990

## 1. INTRODUCTION

This manual provides essential instructions for the safe and effective use, maintenance, and troubleshooting of your YATO YT-24990 Drain Auger. Please read this manual thoroughly before operating the device and retain it for future reference.

The YATO YT-24990 is designed for the efficient removal of blockages in drains, offering an ecological solution without the need for harsh chemical agents. Its galvanized wire spiral ensures durable effectiveness in clearing obstructions.

## 2. SAFETY INFORMATION

Always prioritize safety when using any plumbing tool. Failure to follow these safety guidelines may result in injury or damage to property.

- Wear appropriate personal protective equipment (PPE), including gloves and eye protection, to prevent contact with drain contents or debris.
- Ensure the work area is well-lit and clear of obstructions.
- Do not use the drain auger on drains containing strong chemical drain cleaners, as this can cause dangerous reactions or damage the tool.
- Keep hands and loose clothing away from the rotating spiral during operation.
- If connecting to a drill or screwdriver, ensure the tool is securely fastened and operate at a low speed to maintain control.
- Never force the auger. If resistance is met, retract slightly and try again, or rotate the auger to work through the blockage.
- After use, clean the auger thoroughly to prevent corrosion and the spread of bacteria.

## 3. PRODUCT OVERVIEW

The YATO YT-24990 Drain Auger consists of a durable housing, a flexible galvanized wire spiral, and a handle for manual operation or attachment to a power tool.



**Figure 1:** YATO YT-24990 Drain Auger, showing the main body, handle, and extended spiral. This image illustrates the overall design and components of the drain auger.



**Figure 2:** Rear view of the YATO YT-24990 Drain Auger, highlighting the mechanism for extending the spiral and the attachment point for a drill or screwdriver. This view demonstrates how the tool can be connected to a power device for enhanced operation.

The auger features a 6-meter long spiral with a 0.6 cm diameter, making it suitable for various residential drain and sewage blockages.

#### 4. SETUP

- Inspect the Auger:** Before each use, check the spiral for any signs of damage, kinks, or wear. Ensure all components are securely attached.
- Prepare the Drain:** Remove any drain covers or stoppers. Clear away any visible debris near the drain opening.
- Manual Operation:** For manual use, ensure a firm grip on the handle.
- Power Tool Attachment (Optional):** If using a drill or screwdriver, securely attach the auger's drive shaft into the chuck of the power tool. Ensure the chuck is tightened properly to prevent slippage. Set the drill to a low speed and reverse (if applicable) for initial insertion.

## 5. OPERATING INSTRUCTIONS

Follow these steps to effectively clear drain blockages:

- Insert the Spiral:** Slowly feed the spiral into the drain opening. Push it gently until you encounter resistance, indicating the blockage or a bend in the pipe.
- Engage the Blockage:**
  - Manual:** Rotate the handle clockwise while continuing to push the spiral forward. This action helps the spiral head to bore into or hook the blockage.
  - Power Tool:** With the drill set to a low speed, activate it while gently pushing the spiral. The rotation will help the spiral navigate bends and engage the obstruction.
- Clear the Blockage:** Once the spiral has engaged the blockage, continue to rotate and push/pull gently. The goal is to break up the obstruction or pull it out. If the blockage is stubborn, retract the spiral slightly and re-engage. Repeat this process until the blockage is cleared.
- Retract the Spiral:** Once the drain is clear, slowly retract the spiral from the drain. For power tool use, reverse the drill direction if available, or manually pull the spiral out while rotating.
- Test the Drain:** Run water down the drain to confirm the blockage has been completely removed and the water flows freely.

## 6. MAINTENANCE

Proper maintenance ensures the longevity and effectiveness of your YATO YT-24990 Drain Auger.

- Cleaning:** After each use, thoroughly clean the spiral and housing. Use warm water and a mild detergent to remove any debris, grease, or biological matter. Rinse completely.
- Drying:** Ensure the galvanized wire spiral is completely dry before storage to prevent rust and corrosion. You may use a cloth to wipe it down and allow it to air dry.
- Lubrication:** Periodically apply a light coat of rust-inhibiting oil to the spiral, especially if storing for extended periods, to maintain its flexibility and prevent corrosion.
- Storage:** Store the drain auger in a clean, dry place, away from direct sunlight and extreme temperatures. Keep it out of reach of children.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Auger not advancing	Spiral is hitting a solid obstruction or a tight bend.	Retract slightly, rotate, and push again. Do not force. Try rotating in both directions if using a power tool.
Blockage not clearing	Blockage is too dense or not properly engaged.	Ensure the spiral head is actively working on the blockage. Try different rotation speeds (low) and gentle pushing/pulling motions. Repeat the process multiple times.
Spiral getting stuck	Spiral is kinked or caught on a pipe irregularity.	Gently pull back while rotating. Avoid excessive force. Inspect the spiral for damage before next use.
Difficulty retracting spiral	Spiral is caught on debris or a pipe feature.	Slowly rotate the auger while pulling it out. If using a drill, try reversing the direction at a low speed.

## 8. SPECIFICATIONS

- Model:** YATO YT-24990
- Brand:** Yato
- Spiral Length:** 6 meters
- Spiral Diameter:** 0.6 cm
- Material:** Galvanized wire spiral
- Product Benefits:** Ecological, odor-free, effective for removing clogs
- Manufacturer:** TOYA S.A.

## 9. WARRANTY AND SUPPORT

YATO products are manufactured to high-quality standards. For information regarding warranty coverage, technical support, or replacement parts, please refer to the official YATO website or contact your authorized YATO dealer. Please have your product model number (YT-24990) available when seeking support.