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GarveeTech LL-draincleanerT2-75122502X

GarveeTech Auto Feed Drain Cleaner Machine User Manual

Model: LL-draincleanerT2-75122502X

1. Important Safety Instructions

Read and understand all safety warnings and instructions before operating this drain cleaner machine. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

- **Personal Protective Equipment:** Always wear appropriate personal protective equipment, including heavy-duty gloves, eye protection, and non-slip footwear, when operating the machine.
- **Electrical Safety:** Ensure the machine is connected to a properly grounded outlet. The built-in Ground Fault Circuit Interrupter (GFCI) plug provides protection against electrical shock. Do not bypass or modify the GFCI. Keep the power cord away from water and sharp edges.
- **Cable Handling:** The drain cleaning cable can twist and kink if not handled properly. Maintain a firm grip on the cable and avoid allowing it to coil excessively outside the drain. Do not wear loose clothing or jewelry that could become entangled in the rotating cable.
- **Work Area:** Keep the work area clean and well-lit. Do not operate the machine in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Keep bystanders and children away during operation.
- **Machine Stability:** Ensure the machine is placed on a stable, level surface before operation to prevent tipping.

2. Product Overview

The GarveeTech Auto Feed Drain Cleaner Machine is designed for clearing clogs in pipes ranging from 1 inch to 4 inches in diameter. It features a powerful motor, a flexible steel cable, and an automatic feeding system for efficient operation.



This image displays the GarveeTech Auto Feed Drain Cleaner Machine, featuring its red drum, black frame with wheels and handle, and various accessories including 8 interchangeable cutters, wrenches, and gloves.

Key Components:

- **Motor:** Provides power for cable rotation and feeding.
- **Cable Drum:** Houses the 75 ft x 1/2 inch manganese steel cable.
- **Automatic Feed Control System:** Powers the cable forward and backward.
- **Air-activated Foot Switch:** Controls motor operation for hands-free control.
- **Interchangeable Cutters:** Various cutter types for different clog conditions.
- **Wheels and Handle:** For easy transport and maneuverability.
- **GFCI Plug:** Integrated safety feature for electrical protection.

3. Assembly and Setup

Before initial use, ensure all components are present and securely assembled.

1. **Unpacking:** Carefully remove all contents from the packaging. Inspect for any shipping damage.
2. **Handle Assembly:** Attach the retractable handle to the main frame of the machine. Ensure all bolts are tightened

securely.

3. **Wheel Attachment:** If not pre-assembled, attach the 8-inch wheels to the axle on the machine's frame.
4. **Cutter Selection:** Choose the appropriate cutter for the type of clog you are addressing. Refer to the 'Cutter Selection Guide' in the Operation section. Attach the selected cutter to the end of the cable using the provided tools.
5. **Power Connection:** Plug the GFCI power cord into a standard, grounded electrical outlet. Test the GFCI by pressing the 'TEST' button, then 'RESET'. The unit should not operate if the GFCI is tripped.

4. Operation

Follow these steps for safe and effective drain cleaning.

4.1 Cutter Selection Guide



This image showcases the eight interchangeable cutters provided with the machine: two expanding finish cutters, two C-cutters, two drop head augers, and two spade cutters, each designed for different types of clogs.

- **Expanding Finish Cutter:** For cutting and scraping stubborn blockages.
- **C-Cutter:** Designed to clean grease stoppages and pipe walls.

- **Drop Head Auger:** Effective for removing loose objects and navigating tight bends.
- **Spade Cutter:** Used to scrape the inside edges of pipes and remove debris.

4.2 Operating Procedure

1. **Positioning:** Place the machine as close as possible to the drain opening. Ensure the machine is stable.
2. **Cable Insertion:** Manually feed the cable into the drain until it reaches the obstruction.
3. **Power On:** Press the air-activated foot switch to start the motor.
4. **Cable Feeding:** Use the automatic feed control system (CW/OFF/CCW knob) to advance the cable into the pipe. The 'CW' setting rotates the cable clockwise for forward movement, and 'CCW' rotates it counter-clockwise for retraction.
5. **Clearing Clogs:** Apply gentle pressure as the cable encounters the clog. Allow the cutter to work through the obstruction. Avoid forcing the cable, which can cause kinking.
6. **Retraction:** Once the clog is cleared, switch the feed control to 'CCW' and retract the cable slowly. Clean the cable as it exits the drain.
7. **Power Off:** Release the foot switch to stop the motor. Unplug the machine after use.



A person is shown operating the drain cleaner machine, feeding the cable into a floor drain using the automatic feeding system and air-

activated foot switch for convenient and effortless operation.

4.3 Cable Features



An illustration comparing the robust quenched solid steel cable used in the GarveeTech drain cleaner with a hollow cable, highlighting the superior strength and anti-twist properties of the solid cable.

The machine is equipped with a 75 ft high-quality manganese steel cable, 1/2 inch in diameter. This cable offers excellent resistance to breakage, rust, and corrosion, and is designed to minimize tangling during operation. It is suitable for navigating various curved pipes.

4.4 Wide Application



This image demonstrates the versatility of the drain cleaner machine, showing its application in various pipe types including three-way pipes, 90-degree bends, 5-degree bends, lateral tees, four-way pipes, and water-sealed joints, suitable for sewer pipes, drain pipes, chimney pipes, and floor drains.

This drain cleaner is effective for various applications, including:

- Residential and commercial drains
- Floor drains, sinks, and toilets
- Sewer pipes and drain pipes
- Pipes with various bends (e.g., 90-degree, 5-degree, lateral tees)

5. Maintenance

Regular maintenance ensures the longevity and optimal performance of your drain cleaner machine.

1. **Cleaning the Cable:** After each use, clean the cable thoroughly to remove any debris, grease, or foreign matter. This prevents corrosion and maintains cable flexibility.
2. **Machine Cleaning:** Wipe down the machine's exterior with a damp cloth. Avoid using harsh chemicals that could

damage surfaces.

3. **Inspection:** Periodically inspect the cable for kinks, breaks, or excessive wear. Check the cutters for damage or dullness. Inspect the power cord and GFCI plug for any signs of damage.
4. **Lubrication:** Apply a light coat of rust-inhibiting lubricant to the cable and moving parts as needed, especially if storing for extended periods.
5. **Storage:** Store the machine in a dry, secure location, away from extreme temperatures and moisture. The detachable handle allows for more compact storage.

6. Troubleshooting

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Machine does not start	No power; GFCI tripped; Faulty foot switch	Check power connection; Reset GFCI; Inspect foot switch for damage.
Cable does not feed or retract	Feed control knob in 'OFF' position; Cable kinked or jammed; Motor issue	Ensure knob is set to 'CW' or 'CCW'; Carefully retract and inspect cable; Contact support if motor issue suspected.
Cable gets stuck in pipe	Severe clog; Incorrect cutter; Cable forced too hard	Gently work the cable back and forth; Try a different cutter; Avoid excessive force.
Excessive vibration or noise	Loose components; Damaged cable; Motor issue	Check all fasteners; Inspect cable for damage; Contact support if motor issue suspected.

If you encounter issues not listed here or if solutions do not resolve the problem, please contact GarveeTech customer support.

7. Specifications

Technical details for the GarveeTech Auto Feed Drain Cleaner Machine.



A diagram illustrating the physical dimensions of the drain cleaner machine (height, width, depth) along with key specifications such as motor power (250W), motor speed (1700RPM), cable length (75 ft), and cable diameter (1/2 inch).

Feature	Specification
Model Number	LL-draincleanerT2-75122502X
Motor Power	250W
Motor Speed	1700 RPM
Cable Length	75 ft
Cable Diameter	1/2 inch
Pipe Compatibility	1 inch to 4 inch diameter
Item Weight	102.7 pounds
Product Dimensions	23.03 x 15.75 x 23.54 inches

Feature	Specification
Included Components	1 x Drain Cleaner Machine, 8 x Cutters

8. Warranty and Support

GarveeTech products are manufactured to high-quality standards. For specific warranty information, please refer to the warranty card included with your product or visit the official GarveeTech website.

For technical assistance, troubleshooting guidance, or to inquire about replacement parts, please contact GarveeTech customer support through the contact information provided on the product packaging or the official brand website.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question