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## Garvee 04

# GARVEE Drain Cleaner Machine User Manual

MODEL: 04

## 1. INTRODUCTION

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### Product Overview

The GARVEE Drain Cleaner Machine, Model 04, is a professional-grade electric drain auger designed for efficiently clearing blockages in pipes ranging from 1 inch to 4 inches (2.5 cm to 10 cm) in diameter. Equipped with a durable 100 ft (30.5 m) x 1/2 inch steel core cable and a selection of six specialized cutters, this machine provides powerful and reliable performance for various drain cleaning tasks. Its portable design with heavy-duty wheels and an ergonomic handle ensures ease of transport and maneuverability.



Image showing the GARVEE Drain Cleaner Machine with its 100 ft, 1/2 inch premium steel core cable, ready for operation.

## 2. IMPORTANT SAFETY INSTRUCTIONS

**Always 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, serious injury, or property damage.**

- **Personal Protective Equipment:** Always wear appropriate personal protective equipment, including safety glasses, heavy-duty gloves (a pair is included), and non-slip footwear. Do not wear loose clothing or jewelry that could get caught in moving parts.
- **Electrical Safety:** Ensure the machine is connected to a properly grounded outlet. This unit features a built-in Ground Fault Circuit Interrupter (GFCI) for enhanced safety against electrical shock. Do not bypass or modify the GFCI. Keep the power cord away from water, heat, sharp edges, and moving parts.
- **Work Area:** Keep the work area clean, well-lit, and free from obstructions. Do not operate the machine in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Cable Handling:** Never handle the rotating cable directly with bare hands. Always use the provided gloves.

Maintain a firm grip on the machine and cable during operation. Do not overextend the cable beyond its rated length.

- **Supervision:** Do not allow children or untrained persons to operate the machine. Always operate with caution and attention.
- **Machine Stability:** Ensure the machine is placed on a stable, level surface before and during operation to prevent tipping.

### 3. PACKAGE CONTENTS

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Please verify that all components listed below are present and undamaged upon unpacking your GARVEE Drain Cleaner Machine.

- GARVEE Drain Cleaner Machine (Model 04)
- 100 ft (30.5 m) x 1/2 inch Steel Core Cable (pre-installed)
- Set of 6 Cutters:
  - Drop Head Auger
  - Boring Bulb Cutter
  - C-Cutter
  - Side Cutter
  - Spade Cutter
  - Saw Tooth Cutter
- Pair of Protective Gloves

# AIR-ACTICATED FOOT SWITCH

Easy On/Off Control Of The Motor



Image showing the six different types of cutters included with the drain cleaner machine, demonstrating their quick-change attachment mechanism.

## 4. ASSEMBLY AND SETUP

### Attaching Cutters

1. Select the appropriate cutter for the type of blockage you are addressing.
2. Ensure the machine is unplugged and the cable is fully retracted.
3. Utilize the quick-change design to securely attach the chosen cutter to the end of the cable. Ensure it is firmly locked in place before operation.

### Preparing for Operation

1. Position the drain cleaner machine on a stable, level surface near the drain opening. The heavy-duty wheels and retractable handle facilitate easy movement.
2. Extend the retractable handle for comfortable maneuvering, if desired.

3. Plug the machine into a grounded electrical outlet. Verify the GFCI is functioning correctly by pressing the 'TEST' and 'RESET' buttons.



Image of the GARVEE Drain Cleaner Machine being moved, highlighting its heavy-duty wheels and retractable handle for portability.

## 5. OPERATING INSTRUCTIONS

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### Powering On/Off

The machine is controlled by an air-activated foot switch, allowing for hands-free operation and enhanced safety.

1. To turn the machine ON, press down on the foot switch.
2. To turn the machine OFF, release the foot switch.

# AUTO-FEED FORWARD/REVERSE

Economic & Efficient



Image of the air-activated foot switch, used for easy on/off control of the motor, with icons indicating power, current, and motor speed.

## Cable Feeding and Retrieval

The machine features an automatic forward and reverse function for efficient cable management.

1. **Inserting the Cable:** With the machine OFF, manually guide the cable with the attached cutter into the drain opening until it reaches the blockage or a bend.
2. **Engaging Auto-Feed:** Once the cable is in the drain, press the foot switch to turn the machine ON. Use the directional control handle (rocker switch) to select 'FORWARD' to feed the cable into the pipe or 'REVERSE' to retract it.
3. **Navigating Bends:** The flexible steel core cable is designed to pass through multiple curved pipes. Apply gentle pressure and allow the rotating cable to work its way through bends.
4. **Retrieving the Cable:** After clearing the blockage, switch the directional control handle to 'REVERSE' and allow the machine to retract the cable. Guide the cable back into the drum carefully.

# 100FT CABLE LENGTH 1/2" IN PREMIUM STEEL CABLE

Anti-Twist & Durable Cable



Image illustrating the 100 ft, 1/2 inch premium steel core cable, emphasizing its anti-twist and durable design compared to other cables.

## Clearing Blockages

1. Once the cutter reaches the blockage, allow the cable to rotate and work through the obstruction. Do not force the cable.
2. If the cable gets stuck, switch to 'REVERSE' briefly to free it, then try 'FORWARD' again.
3. For stubborn blockages, you may need to try different cutters. For example, a Drop Head Auger for initial penetration, followed by a C-Cutter or Saw Tooth Cutter for larger debris.
4. Continue feeding and retracting the cable until the blockage is cleared and water flows freely.



Image demonstrating the drain cleaner machine in use across various applications, including sewer lines, drain pipes, roof stack pipes, and floor drains.

## 6. MAINTENANCE AND STORAGE

### After Each Use

- **Clean the Cable:** After retracting the cable, clean off any debris, grease, or sludge. You may use a damp cloth. For best results and to prevent rust, apply a rust-inhibiting lubricant to the cable.
- **Clean the Machine:** Wipe down the exterior of the machine with a damp cloth. Ensure no water enters the motor housing.
- **Inspect Components:** Check the cable, cutters, and power cord for any signs of wear, damage, or corrosion. Replace damaged parts immediately.

### Storage

- Store the drain cleaner machine in a dry, secure location, away from moisture and extreme temperatures.
- Keep out of reach of children and unauthorized personnel.

- Ensure the cable is fully retracted into the drum before storage.

## 7. TROUBLESHOOTING

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- **Machine Not Starting:**

- Check if the power cord is securely plugged into a functional outlet.
- Verify the GFCI is reset. Press the 'RESET' button if it has tripped.
- Ensure the foot switch is fully depressed.

- **Cable Stuck in Pipe:**

- Immediately switch the directional control to 'REVERSE' to attempt to free the cable.
- Gently pull the cable while in reverse. Do not yank forcefully.
- If still stuck, try rotating the cable manually while applying slight pressure.

- **Ineffective Cleaning:**

- Ensure the correct cutter is being used for the type of blockage.
- Verify that the cable is extending far enough to reach the blockage.
- The blockage may be too dense or large for the current cutter; consider a different cutter or professional assistance.

## 8. SPECIFICATIONS

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<b>Model</b>	04
<b>Cable Length</b>	100 ft (30.5 m)
<b>Cable Diameter</b>	1/2 inch
<b>Pipe Diameter Compatibility</b>	1 to 4 inches (2.5 cm to 10 cm)
<b>Motor Power</b>	370W
<b>No-load Current</b>	6.8A
<b>Motor Speed</b>	1720 RPM
<b>Item Weight</b>	128.7 pounds
<b>Product Dimensions</b>	41 x 28 x 21 inches
<b>Included Components</b>	Drain auger machine, 6 cutters, gloves

## 9. WARRANTY AND SUPPORT

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GARVEE products are manufactured to high-quality standards. For specific warranty information regarding your Model 04 Drain Cleaner Machine, please refer to the warranty card included with your purchase or visit the official GARVEE website.

Should you encounter any issues or require technical assistance, please contact GARVEE customer support. Have your model number (04) and purchase details ready when contacting support.

