

Rothenberger 72688

ROTHENBERGER R650 Pipe Cleaning Machine (Model 72688) User Manual

Model: 72688 | Brand: Rothenberger

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1. INTRODUCTION

This manual provides essential information for the safe and effective operation, setup, maintenance, and troubleshooting of your ROTHENBERGER R650 Pipe Cleaning Machine, Model 72688. This machine is designed for professional use by installers, janitorial services, and pipe cleaners to efficiently clear blockages in sewer pipes up to 150 mm in diameter. Its powerful motor is capable of removing stubborn obstructions, including root growth.

The R650 features a compact and robust design, ensuring reliable performance for both indoor and outdoor applications. Please read this manual thoroughly before operating the machine to ensure proper usage and to prevent injury or damage.

2. SAFETY INSTRUCTIONS

WARNING: Failure to follow these safety instructions can result in electric shock, fire, and/or serious injury. Save all warnings and instructions for future reference.

- **Work Area Safety:** Keep the work area clean and well-lit. Cluttered or dark areas invite accidents. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Electrical Safety:** Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges, and refrigerators.
- **Personal Safety:** Always wear appropriate personal protective equipment (PPE), including safety glasses, gloves, and sturdy footwear. Do not overreach. Keep proper footing and balance at all times.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Do not use the power tool if the switch does not turn it on and off. Disconnect the plug from the power source before making any

adjustments, changing accessories, or storing power tools.

- **Specific to Pipe Cleaning:** Ensure the guide hose is securely attached. Always feed the cleaning spiral slowly and carefully into the pipe. Be aware of potential kickback if the spiral encounters a severe blockage.
- **Maintenance:** Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

3. COMPONENTS OVERVIEW

The ROTHENBERGER R650 Pipe Cleaning Machine consists of several key components designed for efficient operation.

- **Main Unit:** Houses the powerful electric motor and control mechanisms.
- **Guide Hose:** Directs the cleaning spiral into the pipe and provides operator protection.
- **Cleaning Spirals:** Various sizes (e.g., 16 mm, 22 mm) and types of spirals for different blockage conditions.
- **Spiral Couplings:** Connect multiple spiral sections and attach cleaning tools.
- **Foot Switch:** For hands-free operation and control of the motor.
- **Drive Lever:** Engages and disengages the spiral rotation.

Image of ROTHENBERGER R650 Pipe Cleaning Machine (Model 72688) with key components labeled.

(No image URL provided in the product data for embedding. This space indicates where a relevant product image would be placed.)

Description: This image would typically show the ROTHENBERGER R650 machine from a clear angle, highlighting its main body, the guide hose attachment point, and examples of the cleaning spirals and foot switch. Labels would point to each component for easy identification.

4. SETUP

1. **Unpacking:** Carefully remove all components from the packaging. Inspect for any shipping damage.
2. **Positioning the Machine:** Place the R650 machine on a stable, level surface near the drain opening. Ensure adequate space for operation and spiral handling.
3. **Connecting the Guide Hose:** Attach the guide hose securely to the machine's spiral inlet. Ensure it is firmly seated to prevent accidental detachment during operation.
4. **Selecting and Assembling Spirals:** Choose the appropriate cleaning spiral(s) and tool for the blockage type and pipe diameter. Connect spiral sections using the provided couplings, ensuring they are locked securely.
5. **Inserting the Spiral:** Feed the assembled spiral through the guide hose and into the machine's spiral drum. Ensure the leading end of the spiral is ready to enter the pipe.
6. **Power Connection:** Connect the machine's power cord to a suitable 230V electrical outlet. Ensure the outlet is properly grounded.

Video demonstrating the setup process for the ROTHENBERGER R650 Pipe Cleaning Machine.

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Description: This video would visually guide the user through each step of setting up the R650 machine, from unboxing to connecting power, demonstrating how to attach the guide hose, assemble the cleaning spirals, and properly feed them into the machine.

5. OPERATING INSTRUCTIONS

Before operating, ensure all safety precautions are understood and followed.

1. **Initial Spiral Insertion:** Manually feed the cleaning spiral into the pipe opening until it meets resistance or reaches the blockage.
2. **Engaging the Drive:** Press the foot switch to start the motor. Gently engage the drive lever to begin rotating the spiral.
3. **Clearing the Blockage:** Apply steady, controlled pressure to feed the rotating spiral into the blockage. Do not force the spiral. Allow the rotation to work through the obstruction.
4. **Retracting the Spiral:** Once the blockage is cleared, disengage the drive lever and release the foot switch. Slowly retract the spiral from the pipe, cleaning it as it exits.
5. **Repeat if Necessary:** For stubborn blockages, it may be necessary to repeat the process or use a different cleaning tool.
6. **Final Flush:** After clearing the blockage, flush the pipe with water to ensure it is completely clear.

Image illustrating the ROTHENBERGER R650 in operation, showing proper technique.

(No image URL provided in the product data for embedding. This space indicates where a relevant product image would be placed.)

Description: This image would show an operator using the ROTHENBERGER R650 machine, demonstrating the correct posture, how to hold the guide hose, and the interaction with the foot switch and drive lever while clearing a drain.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your ROTHENBERGER R650. Always disconnect the machine from the power supply before performing any maintenance.

- **Cleaning Spirals:** After each use, thoroughly clean all spirals and tools to remove debris and prevent corrosion. Rinse with water and apply a rust-inhibiting oil before storage.
- **Machine Casing:** Wipe down the machine's exterior with a damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Guide Hose:** Inspect the guide hose for any signs of wear, cracks, or damage. Replace if necessary.
- **Electrical Cord:** Check the power cord and plug for damage. Do not use the machine if the cord is frayed or damaged.
- **Storage:** Store the machine and spirals in a dry, secure location, away from moisture and extreme temperatures.
- **Professional Servicing:** For internal components or motor issues, contact an authorized ROTHENBERGER service center.

7. TROUBLESHOOTING

This section addresses common issues you might encounter during operation.

Problem	Possible Cause	Solution
Machine does not start.	No power supply; faulty power cord/plug; foot switch malfunction.	Check power connection and outlet. Inspect power cord. Test foot switch.
Spiral does not rotate.	Drive lever not engaged; spiral jammed; motor issue.	Ensure drive lever is fully engaged. Check for spiral obstruction. If motor runs but spiral doesn't turn, seek professional service.

Problem	Possible Cause	Solution
Spiral gets stuck in pipe.	Severe blockage; incorrect spiral size/tool; spiral twisted.	Do not force. Gently retract and re-feed. Try a different tool or smaller spiral. If twisted, retract and untwist.
Excessive vibration or noise.	Damaged spiral; loose components; motor bearing issue.	Inspect spirals for damage. Check for loose parts. If noise persists, professional inspection is recommended.

8. SPECIFICATIONS

Technical details for the ROTHENBERGER R650 Pipe Cleaning Machine, Model 72688.

Model Number: 72688

Manufacturer: Rothenberger

Power Source: Electric (230V Mains)

Item Weight: Approximately 55 pounds (24.9 kg)

Product Dimensions: 19.69 x 12.2 x 19.69 inches (50 x 31 x 50 cm)

Pipe Diameter Capacity: Up to 150 mm

Included Components: Pipe cleaning machine R 650, 16 mm spirals, 22 mm spirals



For further assistance or inquiries, please visit the official Rothenberger website or contact customer support.

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