

Rothenberger 1000001275

Rothenberger Rodrum S 10 Drum Machine User Manual

Model: 1000001275

1. INTRODUCTION

Welcome to the user manual for your Rothenberger Rodrum S 10 Drum Machine. This document provides essential information for the safe and effective operation, maintenance, and troubleshooting of your drain cleaning equipment. Please read this manual thoroughly before using the device to ensure proper handling and to prevent injury or damage.

2. SAFETY INFORMATION

Always adhere to the following safety guidelines when operating the Rothenberger Rodrum S 10:

- Read and understand all instructions before use.
- Wear appropriate personal protective equipment (PPE), including safety glasses, gloves, and sturdy footwear.
- Ensure the work area is well-lit and free from obstructions.
- Keep bystanders, especially children, away from the operating area.
- Do not operate the machine if you are fatigued or under the influence of drugs or alcohol.
- Inspect the spiral and drill bit for damage before each use. Do not use damaged equipment.
- Never force the spiral. Excessive force can cause the spiral to kink or break.
- After use, clean the spiral and store the machine in a dry, secure location.

3. PRODUCT OVERVIEW

The Rothenberger Rodrum S 10 is a robust drum machine designed for efficient drain cleaning. It features a durable drum housing a 10mm diameter, 10-meter long spiral, equipped with a bulbous drill bit for effective blockage removal. This tool is suitable for clearing blockages in pipes with a working range of 40 DN to 70 DN.

Key Features:

- Original Rothenberger quality construction.
- Integrated drum for convenient spiral storage and transport.

- High-quality 10mm diameter, 10-meter long cleaning spiral.
- Equipped with a bulbous drill bit for effective blockage penetration and removal.
- Designed for pipe diameters ranging from 40 DN to 70 DN.



Figure 1: Rothenberger Rodrum S 10 Drum Machine. This image shows the complete drum machine with the spiral housed inside, ready for operation.

4. SETUP

1. **Unpack and Inspect:** Carefully remove the Rodrum S 10 from its packaging. Inspect the machine, spiral, and drill bit for any signs of damage that may have occurred during shipping. Do not use if damaged.
2. **Prepare the Work Area:** Ensure the area around the drain is clear and clean. Place a bucket or tarp to catch any water or debris that may emerge from the drain.
3. **Position the Machine:** Place the Rodrum S 10 on a stable, flat surface as close to the drain opening as possible. This minimizes the unsupported length of the spiral.
4. **Attach the Drill Bit:** Ensure the bulbous drill bit is securely attached to the end of the spiral. Verify that it is tightened properly to prevent detachment during operation.

5. OPERATING INSTRUCTIONS

Follow these steps for effective drain cleaning with your Rodrum S 10:

- 1. Insert the Spiral:** Manually feed the bulbous drill bit and spiral into the drain opening. Push the spiral gently until it meets resistance, indicating a blockage or a bend in the pipe.
- 2. Advance the Spiral:** Once resistance is met, rotate the drum handle clockwise while simultaneously pushing the spiral forward. This action helps the bulbous drill bit to bore through the blockage.
- 3. Clear the Blockage:** Continue to rotate and push the spiral, working it through the obstruction. You may feel the spiral break through the blockage. If the spiral gets stuck, rotate it counter-clockwise a few turns, then try advancing it again. Avoid excessive force.
- 4. Flush the Drain:** Once the blockage is cleared, run water down the drain to flush away any remaining debris. Continue to feed the spiral a short distance further to ensure the pipe is completely clear.
- 5. Retract the Spiral:** Slowly pull the spiral back into the drum while rotating the handle counter-clockwise. Clean the spiral as it is retracted to prevent spreading debris.



Figure 2: Diagram illustrating the spiral's action within a pipe. This graphic depicts how the cleaning spiral, with its bulbous drill bit, navigates and clears blockages inside a drain pipe.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Rodrum S 10:

- **Clean the Spiral:** After each use, thoroughly clean the spiral to remove all debris, grease, and residue. Use a stiff brush and water. For stubborn grime, a mild detergent can be used.
- **Dry the Spiral:** Ensure the spiral is completely dry before retracting it fully into the drum to prevent rust and corrosion.
- **Inspect for Wear:** Regularly inspect the spiral for kinks, breaks, or excessive wear. Check the bulbous drill bit for damage or dullness. Replace worn or damaged components immediately.
- **Lubrication:** Periodically apply a light coat of rust-inhibiting oil to the spiral for added protection, especially if storing for extended periods.
- **Storage:** Store the Rodrum S 10 in a dry, cool, and secure location, away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Spiral not advancing	Severe blockage; spiral kinked; incorrect technique.	Apply gentle, consistent pressure while rotating. If severely stuck, retract slightly and try again. Inspect spiral for kinks.
Spiral getting stuck in pipe	Sharp bend in pipe; spiral encountering a side pipe; excessive force.	Rotate the spiral counter-clockwise a few turns to free it, then try advancing with less force and more rotation.
Ineffective blockage removal	Incorrect drill bit for blockage type; blockage too large/hard.	Ensure the bulbous drill bit is appropriate. For very stubborn blockages, multiple passes or professional assistance may be required.

Problem	Possible Cause	Solution
Difficulty retracting spiral	Spiral caught on pipe irregularity; debris accumulation.	Slowly rotate the drum counter-clockwise while gently pulling the spiral. Do not yank.

8. SPECIFICATIONS

Attribute	Value
Manufacturer	Rothenberger
Part Number	1000001275
Item Weight	13.2 pounds (5.99 kg)
Product Dimensions	15.75 x 15.75 x 11.81 inches (40 x 40 x 30 cm)
Item Model Number	1000001275
Voltage	5V (Note: This device is manually operated and does not require external power for its primary function.)
Item Package Quantity	1
Number Of Pieces	1
Measurement System	Metric
Batteries Included?	No
Batteries Required?	No
ASIN	B017IVQD8Q
Date First Available	March 2, 2016
Working Range (DN)	40 DN - 70 DN
Spiral Dimensions	10mm diameter x 10m length

9. WARRANTY AND SUPPORT

Your Rothenberger Rodrum S 10 Drum Machine is covered by the manufacturer's standard warranty. For specific warranty terms and conditions, please refer to the documentation included with your purchase or visit the official Rothenberger website. For technical support, spare parts, or service inquiries, please contact your authorized Rothenberger dealer or customer service representative.

