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Rothenberger 1500004628

ROTHENBERGER Industrial 1500004628 Pipe Cleaning Spiral User Manual

Model: 1500004628 | Brand: Rothenberger

1. INTRODUCTION

This manual provides essential instructions for the safe and effective use of the ROTHENBERGER Industrial 1500004628 Pipe Cleaning Spiral. This 4.5-meter tool is designed for clearing difficult pipe blockages caused by hair, paper, wet wipes, food residues, and grease in various household drains, including those in bathrooms and kitchens. Please read this manual thoroughly before operation and keep it for future reference.

2. SAFETY INSTRUCTIONS

Always observe the following safety precautions to prevent injury or damage to the product and property:

- Wear appropriate personal protective equipment, including gloves and eye protection, when operating the pipe cleaning spiral.
- Ensure the work area is well-lit and free from obstructions.
- Do not use the tool in drains containing strong chemical drain cleaners, as this can cause dangerous reactions or damage the spiral.
- Keep hands and loose clothing away from the rotating spiral during operation.
- If using a cordless drill, ensure it is set to a low speed and maintain a firm grip on the tool.
- Never force the spiral. If it encounters significant resistance, retract it slightly and try again, or consider alternative methods.
- After use, clean the spiral thoroughly and store it properly to prevent corrosion and damage.

3. PRODUCT OVERVIEW AND COMPONENTS

The ROTHENBERGER Industrial Pipe Cleaning Spiral consists of a durable plastic drum housing a 4.5-meter flexible steel spiral, a manual crank handle, and an integrated adapter for electric drill use. The robust plastic drum protects the spiral and prevents contamination of the surrounding environment during use. It also eliminates the need to disassemble

sinks and traps for many blockages.



Figure 3.1: Front view of the pipe cleaning spiral, showing the drum and handle.



Figure 3.2: Detail of the spiral end and the ergonomic handle with locking screw.

4. SETUP

1. **Inspect the Tool:** Before each use, check the spiral for any signs of damage, kinks, or wear. Ensure the drum and handle are secure.
2. **Prepare the Work Area:** Clear the area around the drain. Place a bucket or old towels beneath the drain opening to catch any water or debris that may emerge.
3. **Access the Drain:** If necessary, remove the drain cover or trap (siphon) to gain direct access to the pipe.

5. OPERATING INSTRUCTIONS

5.1 Manual Operation

1. **Extend the Spiral:** Loosen the locking screw on the handle and pull out the desired length of the spiral from the drum.
2. **Insert into Drain:** Carefully guide the spiral into the drain opening. Push it forward until it meets resistance, indicating the blockage.
3. **Lock the Spiral:** Tighten the locking screw on the handle to secure the spiral in place, allowing the crank to rotate the spiral.
4. **Crank and Push:** Turn the crank handle clockwise while gently pushing the spiral forward. This action helps the spiral bore through or hook onto the blockage.
5. **Clear the Blockage:** Continue cranking and pushing until the blockage is cleared. You may feel the resistance lessen.
6. **Retract and Clean:** Once the drain is clear, slowly retract the spiral by turning the crank counter-clockwise and pulling it back into the drum. Clean the spiral as it is retracted.
7. **Flush the Drain:** After removing the spiral, flush the drain with plenty of hot water to wash away any remaining debris. Reassemble the trap if it was removed.



Figure 5.1: Manual operation of the pipe cleaning spiral in a bathroom sink.

5.2 Electric Operation (with Cordless Drill/Driver)

For more stubborn blockages or extended use, the pipe cleaning spiral can be operated with a cordless drill or driver via its integrated adapter. This allows for a quick change from manual to electric operation and provides a secure grip even at higher speeds.

1. **Attach Drill:** Locate the integrated adapter on the spiral drum. Insert the adapter into the chuck of your cordless drill/driver and tighten securely.
2. **Extend and Insert:** Loosen the locking screw, pull out the spiral, and guide it into the drain until it reaches the

blockage, similar to manual operation.

3. **Lock the Spiral:** Tighten the locking screw on the handle to prevent the spiral from slipping within the drum.
4. **Operate Drill:** Set your drill to a low speed. Slowly activate the drill, allowing the spiral to rotate and bore into the blockage. Apply gentle forward pressure.
5. **Clear and Retract:** Once the blockage is cleared, slowly retract the spiral by reversing the drill direction (if applicable) or manually pulling it back while the drill is still rotating slowly.
6. **Flush the Drain:** As with manual operation, flush the drain thoroughly with hot water after use.



Figure 5.2: Electric operation of the pipe cleaning spiral using a cordless drill.

6. MAINTENANCE

- **Cleaning:** After each use, thoroughly clean the spiral and the drum with water to remove any debris, grease, or residue. A stiff brush can be used for the spiral.
- **Drying:** Ensure the spiral is completely dry before retracting it into the drum and storing it. This prevents rust and extends the life of the tool.
- **Lubrication:** Periodically apply a light coat of rust-inhibiting oil to the spiral to maintain its flexibility and prevent corrosion.
- **Storage:** Store the pipe cleaning spiral in a dry, cool place, away from direct sunlight and moisture.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Spiral not advancing	Spiral is stuck on a blockage or pipe bend.	Retract slightly, then push and rotate again. Do not force.
Blockage not clearing	Blockage is too dense or large for the spiral.	Try electric operation if not already. Consider professional help for severe blockages.
Spiral is difficult to retract	Spiral is tangled or caught on debris.	Slowly rotate and retract. Do not pull forcefully.
Drain still slow after use	Partial blockage remains or debris was not fully flushed.	Repeat the cleaning process. Flush thoroughly with hot water.

8. TECHNICAL SPECIFICATIONS

Model Number: 1500004628

Brand: Rothenberger Industrial

Spiral Length: 4.5 meters

Product Dimensions: 16 x 16 x 28 cm (approximate)

Product Weight: 1.35 kg

Color: Red

Operation: Manual or Electric (with cordless drill/driver)

Batteries Required: No (for the spiral tool itself)

9. WARRANTY INFORMATION

ROTHENBERGER Industrial products are manufactured to high-quality standards. For specific warranty terms and conditions, please refer to the warranty card included with your purchase or visit the official ROTHENBERGER Industrial website. Keep your proof of purchase for any warranty claims.

10. CUSTOMER SUPPORT

If you have any questions, require technical assistance, or need to order replacement parts, please contact ROTHENBERGER Industrial customer support. You can find contact information on the official ROTHENBERGER Industrial website or through your local distributor.

Official Website: www.rothenberger.com

