

## Ferm ATA1033

# FERM ATA1033 Compressed Air Hose Reel User Manual

Brand: Ferm | Model: ATA1033

## 1. INTRODUCTION

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This manual provides essential information for the safe and efficient use of your FERM ATA1033 Compressed Air Hose Reel. Please read these instructions carefully before installation and operation to ensure proper function and to prevent injury or damage.

The FERM ATA1033 is a robust air hose reel designed for various pneumatic applications. It features a 9-meter long air hose, an adjustable wall support for flexible positioning, and quick couplings for easy connection to compressors and pneumatic tools. The hose is designed for a maximum working pressure of 12 bar and offers automatic retraction.



Image showing the FERM ATA1033 Compressed Air Hose Reel, typically mounted on a wall, with its black casing and a portion of the yellow air hose visible.

## 2. SAFETY INSTRUCTIONS

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Always observe the following safety precautions when using compressed air equipment:

- **Wear Eye Protection:** Always wear approved safety glasses or goggles to protect your eyes from airborne particles.
- **Check Connections:** Ensure all hose connections and couplings are secure before applying air pressure. Loose connections can cause hoses to whip, leading to injury.
- **Do Not Exceed Maximum Pressure:** Never exceed the maximum working pressure of 12 bar for this hose reel. Over-pressurizing can cause the hose to burst.
- **Inspect Hose Regularly:** Before each use, inspect the air hose for cuts, abrasions, bulges, or other damage. Replace damaged hoses immediately.
- **Keep Work Area Clear:** Ensure the work area is free of obstructions and tripping hazards, especially when extending or retracting the hose.
- **Disconnect Air Supply:** Always disconnect the air supply from the hose reel and tools when not in use, before performing maintenance, or when changing accessories.
- **Avoid Kinks:** Prevent the hose from kinking, which can weaken the hose structure and restrict airflow.

## 3. PACKAGE CONTENTS

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Verify that all items are present and undamaged upon unpacking:

- FERM ATA1033 Compressed Air Hose Reel with integrated 9-meter PU hose

- Adjustable Wall Support (pre-attached or separate for mounting)
- Quick Coupling (Orion & DIN compatible)

## 4. SETUP AND INSTALLATION

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The FERM ATA1033 Compressed Air Hose Reel is designed for wall mounting. Follow these steps for secure installation:

1. **Choose a Location:** Select a sturdy wall surface (e.g., concrete, reinforced wood stud) that can support the weight of the hose reel and the forces applied during use. Ensure the location allows for full hose extension without obstruction.
2. **Mark Mounting Holes:** Position the adjustable wall support against the chosen wall and mark the drilling points for the mounting screws.
3. **Drill Pilot Holes:** Drill appropriate pilot holes for your chosen mounting hardware (screws, anchors, etc.).
4. **Mount the Reel:** Securely fasten the hose reel to the wall using suitable screws and anchors. Ensure the reel is level and firmly attached. The adjustable wall support allows you to pivot the reel to different working positions after installation.
5. **Connect Air Supply:** Connect your air compressor's output hose to the inlet fitting on the FERM ATA1033 hose reel. Ensure a tight, leak-free connection.
6. **Connect Pneumatic Tools:** Use the quick coupling to easily connect your pneumatic tools to the end of the hose.

## 5. OPERATING INSTRUCTIONS

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Using your FERM ATA1033 hose reel is straightforward:

1. **Extend the Hose:** Pull the air hose gently to the desired length. The internal locking mechanism will engage at various intervals, holding the hose in place.
2. **Connect Tool:** Attach your pneumatic tool to the quick coupling at the end of the hose.
3. **Apply Air Pressure:** Turn on your air compressor and adjust the pressure to the required level for your tool, ensuring it does not exceed 12 bar.
4. **Retract the Hose:** To retract the hose, pull it gently again until the locking mechanism disengages. Guide the hose slowly back into the reel to prevent damage or tangling. Do not release the hose abruptly.

## 6. MAINTENANCE

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Regular maintenance ensures the longevity and reliable performance of your hose reel:

- **Inspect for Leaks:** Periodically check all connections and the hose itself for air leaks. Leaks reduce efficiency and can indicate damage.
- **Clean the Hose:** Wipe down the hose with a damp cloth to remove dirt, oil, or debris. Avoid harsh chemicals that could degrade the hose material.
- **Check Retraction Mechanism:** Ensure the automatic retraction mechanism operates smoothly. If it becomes stiff or erratic, check for debris or damage.
- **Lubrication:** The internal spring mechanism is typically sealed and does not require user lubrication.

Refer to manufacturer guidelines if issues persist.

- **Storage:** When not in use, retract the hose fully into the reel and store it in a clean, dry environment, protected from extreme temperatures and direct sunlight.

## 7. TROUBLESHOOTING

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If you encounter issues with your FERM ATA1033 hose reel, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Hose does not retract fully or smoothly.	<ul style="list-style-type: none"><li>• Hose is kinked or tangled.</li><li>• Debris in the retraction mechanism.</li><li>• Spring mechanism weakened or damaged.</li></ul>	<ul style="list-style-type: none"><li>• Extend the hose fully and carefully guide it back, ensuring no kinks.</li><li>• Inspect the reel opening for debris and clear if necessary.</li><li>• If the spring is damaged, contact customer support for service.</li></ul>
Air leaks from connections or hose.	<ul style="list-style-type: none"><li>• Loose connections.</li><li>• Damaged quick coupling.</li><li>• Hose damage (cuts, punctures).</li></ul>	<ul style="list-style-type: none"><li>• Tighten all connections. Use thread sealant if necessary.</li><li>• Inspect the quick coupling for wear or damage; replace if faulty.</li><li>• Inspect the hose for damage. Replace the hose if damaged.</li></ul>
Hose does not lock at desired length.	<ul style="list-style-type: none"><li>• Locking mechanism is dirty or obstructed.</li><li>• Locking pawl is worn or damaged.</li></ul>	<ul style="list-style-type: none"><li>• Extend the hose fully and retract it a few times to clear any obstruction.</li><li>• Inspect the locking mechanism for debris.</li><li>• If the pawl is damaged, contact customer support.</li></ul>

## 8. SPECIFICATIONS

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Feature	Specification
Model Number	ATA1033
Brand	Ferm
Hose Length	9 meters
Hose Material	Polyurethane (PU)
Max. Working Pressure	12 bar
Installation Type	Wall Mount (Adjustable)
Operation Mode	Manual (Retraction is automatic)

Feature	Specification
Product Dimensions (L x W x H)	6.69 x 12.6 x 10.63 inches (approx. 17 x 32 x 27 cm)
Item Weight	6.64 pounds (approx. 3.02 kg)
Color	Schwarz (Black)
Quick Coupling Type	Orion & DIN compatible

## 9. WARRANTY AND SUPPORT

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For warranty information, technical support, or replacement parts, please contact your retailer or the manufacturer directly. Keep your purchase receipt as proof of purchase for any warranty claims.