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› [MASKO](#) /

› MASKO Automatic Air Hose Reel User Manual

## MASKO 21483\_mfn

# MASKO Automatic Air Hose Reel - 20m User Manual

Model: 21483\_mfn

## 1. INTRODUCTION

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Thank you for choosing the MASKO Automatic Air Hose Reel. This manual provides important information for the safe and efficient operation, installation, and maintenance of your new air hose reel. Please read this manual thoroughly before use and keep it for future reference.



Figure 1: MASKO 20m Automatic Air Hose Reel with accessories.

## 2. SAFETY INFORMATION

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Always observe basic safety precautions when using this product to reduce the risk of injury or damage. This product operates with compressed air, which can be dangerous if not handled properly.

### General Safety Guidelines:

- Read all instructions before use.
- Wear appropriate personal protective equipment (PPE), such as eye protection.
- Ensure the air compressor is turned off and depressurized before connecting or disconnecting the hose reel.
- Do not exceed the maximum operating pressure of 8 bar.
- Keep children and unauthorized persons away from the work area.
- Inspect the hose and connections for damage before each use.

- Do not modify the product.

### 3. PRODUCT OVERVIEW AND COMPONENTS

The MASKO Automatic Air Hose Reel is designed for efficient and tidy management of your air hose in workshops, garages, or other work environments. Key features include automatic hose retraction, a 180° swivel wall mount, and a durable casing.



Figure 2: Product components and features.

- A. Automatic Hose Retraction:** Ensures quick and tidy storage of the hose.
- B. Hose Brake:** Allows the hose to be locked at the desired length.
- C. 180° Swivel Wall Bracket:** Provides flexible use and reach.
- D. Mounting Set:** Included for easy installation.
- E. Kink-Resistant Hose:** Integrated 20-meter hose designed for durability.
- F. 1/4" Connections:** Standard connections for various air tools.

**G. Durable Polypropylene Casing:** Protects the internal mechanism.

## 4. SETUP AND INSTALLATION

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The MASKO Air Hose Reel is designed for wall mounting. Ensure the mounting surface is strong enough to support the weight of the unit and the forces applied during use.

### Installation Steps:

1. **Choose Location:** Select a suitable wall location, preferably near your air compressor, ensuring sufficient clearance for the 180° swivel function.
2. **Mark Drilling Points:** Hold the wall bracket against the desired mounting surface and mark the drilling points.
3. **Drill Holes:** Drill holes of appropriate size and depth for the included mounting anchors.
4. **Insert Anchors:** Insert the wall anchors into the drilled holes.
5. **Mount Bracket:** Secure the wall bracket using the provided screws.
6. **Attach Hose Reel:** Slide the hose reel onto the mounted bracket. Ensure it is securely seated.
7. **Connect Air Supply:** Connect the inlet hose of the reel to your air compressor's output using a 1/4" connection. Ensure all connections are tight and leak-free.



Figure 3: Wall mounting of the air hose reel.

## 5. OPERATING INSTRUCTIONS

### Extending the Hose:

- Gently pull the hose out to the desired length.
- You will hear a clicking sound as the hose locks into place.
- To lock the hose, pull it out slightly further until it clicks and holds.

### Retracting the Hose:

- To retract the hose, pull it out gently again until the locking mechanism disengages.
- Slowly guide the hose back into the reel. Do not release it abruptly, as this can cause damage or injury.

### Adjusting Hose Brake:

The hose brake (stopper ball) can be adjusted to control the length of the hose that remains outside the reel when fully retracted. Loosen the screw on the stopper ball, slide it to the desired position, and tighten the screw.



Figure 4: Demonstrating the 180° swivel and automatic retraction.



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**Hohe Reichweite und genormte Verbindungen**  
Sie können die Schlauchtrommel sogar an der Decke montieren und die hohe Reichweite besonders platzsparend nutzen. Durch verschieben der Schlauchbremse kann der Schlauch so flexibel arretiert werden. Ideal für Werkstätten und vielerlei Werkzeuge.

Figure 5: The 20m hose provides ample reach for various tasks.

## 6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your MASKO Air Hose Reel.

- **Cleaning:** Wipe the casing and hose with a damp cloth. Avoid harsh chemicals that could damage the plastic or hose material.
- **Hose Inspection:** Periodically inspect the entire length of the hose for cuts, abrasions, or kinks. Replace the hose if significant damage is found.
- **Connection Check:** Ensure all air connections are tight and free of leaks. Apply thread sealant if necessary.
- **Lubrication:** The internal mechanism is generally maintenance-free. However, if retraction becomes stiff, a small amount of silicone spray can be applied to the hose as it enters the reel.
- **Storage:** When not in use for extended periods, store the hose reel in a clean, dry environment within the recommended operating temperature range.



Figure 6: The durable hose construction ensures long-term performance.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Hose does not retract fully.	Hose brake (stopper ball) is set too far out. Obstruction inside the reel.	Adjust the hose brake. Check for and remove any obstructions.
Hose does not lock when extended.	Locking mechanism is dirty or damaged.	Pull the hose out fully and retract it several times to clear debris. If problem persists, contact support.
Air leaks from connections.	Loose connections. Damaged O-rings or seals.	Tighten connections. Replace O-rings or seals if worn.
Hose is stiff or difficult to pull.	Low temperature. Hose material aging.	Ensure operating within recommended temperature range. Consider hose replacement if very old.

## 8. SPECIFICATIONS

Feature	Detail
Model Number	21483_mfn
Hose Length	20 meters

<b>Feature</b>	<b>Detail</b>
Hose Material	Polyvinyl chloride (PVC), Polypropylene (PP)
Hose Inner Diameter	9.5 mm
Hose Outer Diameter	15.5 mm
Max. Working Pressure	8 bar
Working Temperature	-4°C to 45°C
Connection Type	1/4" Quick Connect
Mounting Type	Wall Mount (180° Swivel)
Casing Material	Polypropylene (PP)
Color	Blue



Figure 7: Product dimensions and key technical specifications.

## 9. WARRANTY AND SUPPORT

MASKO products are manufactured to high-quality standards. For warranty information, please refer to the warranty card included with your product or visit the official MASKO website. If you encounter any issues or have questions regarding your air hose reel, please contact MASKO customer support.

**MASKO Customer Support:** Please refer to the contact information provided on the product packaging or the official MASKO website for the most up-to-date support details.

For more information and other products, visit the [MASKO Store](#).

