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Rockler 52542

Rockler Dust Right Shop Vacuum Hose Reel - Model 52542

Instruction Manual

INTRODUCTION

The Rockler Dust Right Shop Vacuum Hose Reel, Model 52542, is designed to enhance the efficiency and organization of your workshop's dust collection system. This wall-mounted reel provides convenient access to a shop vacuum hose, eliminating the need to drag a bulky vacuum unit around your workspace. It helps maintain a cleaner environment by facilitating easy dust and debris cleanup.

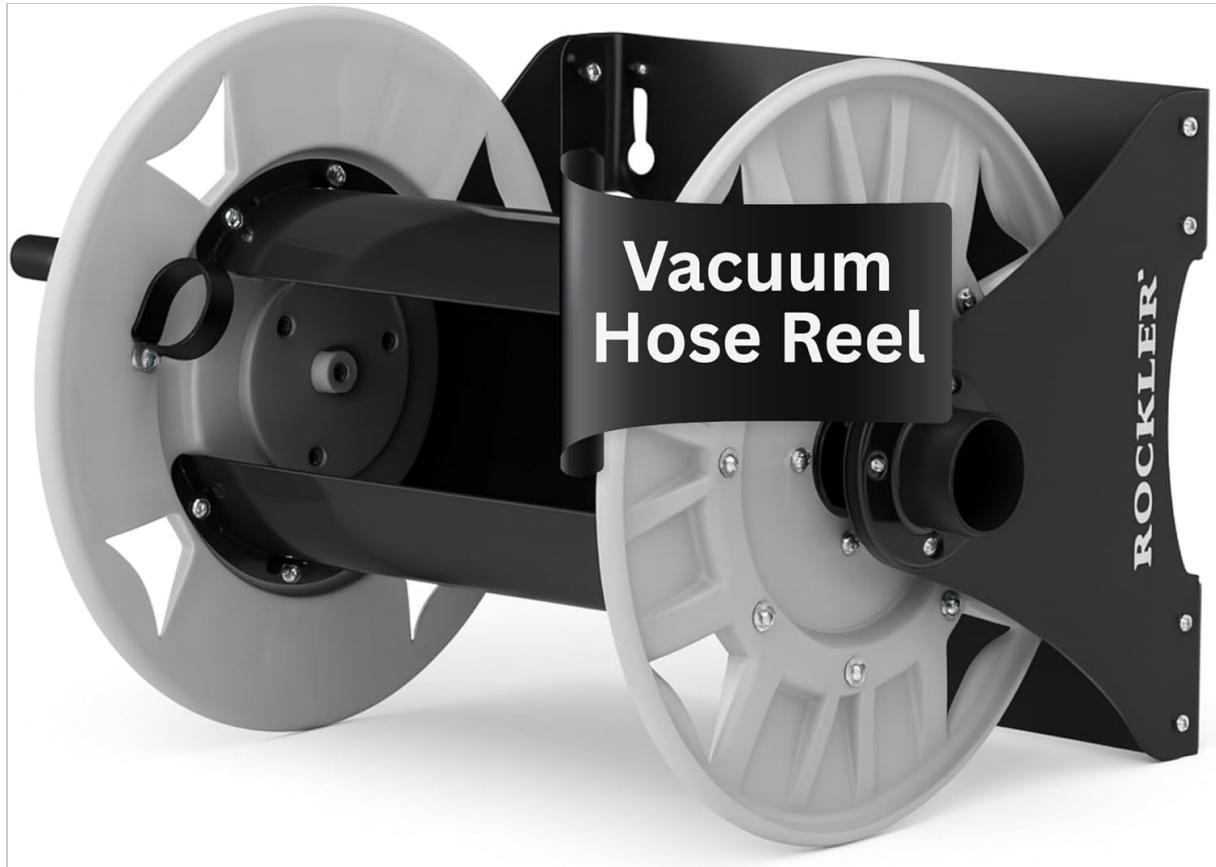


Image: The Rockler Dust Right Shop Vacuum Hose Reel, showcasing its design and functionality.

SAFETY INFORMATION

Always prioritize safety when installing and operating shop equipment. Read and understand all instructions before use.

- Wear appropriate personal protective equipment, including eye protection, when working with power tools and dust collection systems.
- Ensure the hose reel is securely mounted to structural studs or a solid wall capable of supporting its weight and the force of hose retraction.
- Keep the work area clear of obstructions to prevent tripping hazards and ensure smooth hose operation.
- Do not attempt to modify the hose reel or its components. Use only genuine replacement parts.
- Disconnect power to the shop vacuum before performing any maintenance or making adjustments to the hose reel or vacuum system.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Dust Right Shop Vacuum Hose Reel (Model 52542)
- Mounting Hardware (screws, washers, etc. - specific types may vary)
- Crank Handle
- Instruction Manual



Image: The Rockler Dust Right Hose Reel shown with various vacuum accessories, illustrating potential system integration.

SETUP

1. Mounting the Hose Reel

The hose reel is designed for wall mounting. Its sturdy steel frame is pre-drilled with 16-inch on-center spacing, allowing for secure attachment to two standard wall studs. Ensure the mounting location provides adequate clearance for hose extension and retraction, and is within reach of your shop vacuum.

1. Locate two adjacent wall studs with 16-inch on-center spacing.
2. Mark the pilot hole locations on the wall.
3. Drill pilot holes as recommended for your mounting hardware.
4. Securely attach the hose reel to the wall using the provided mounting hardware.

2. Hose Connection

The hose reel accommodates a 1-1/2 inch diameter hose. For proper connection to most shop vacuums or dust collection systems, a fitting with a 2-1/4 inch outer diameter (OD) will be required on one end of your hose.

Connect your shop vacuum hose to the inlet port of the hose reel. Ensure a tight, airtight connection to maximize suction efficiency.

3. Crank Handle Installation

The crank handle can be installed for either left or right-handed users. Attach the crank handle to the designated shaft on the side of the reel, securing it firmly.



Image: The Rockler Dust Right Hose Reel in a workshop setting, demonstrating its connection to a dust separator and shop vacuum for efficient dust collection.

Related Video: Connecting a Reducer



Video: This video demonstrates the use of a POWERTEC 70136 4-Inch to 2-1/2 Inch Cone Reducer, which may be useful for adapting different hose sizes to your dust collection system, including the Rockler Dust Right Hose Reel.

OPERATING INSTRUCTIONS

The Dust Right Shop Vacuum Hose Reel simplifies dust collection by keeping your hose organized and readily available.

- Extending the Hose:** Gently pull the hose from the reel to the desired length. The reel's mechanism allows for smooth extension.
- Using with a Shop Vacuum:** Connect the extended hose to your shop vacuum or dust separator. The stationary setup allows for integration of dust separators without needing to move additional bulk.
- Retracting the Hose:** Once cleaning is complete, use the integral crank handle to smoothly reel the hose back onto the unit. Guide the hose to ensure even winding and prevent tangles.

Related Video: Using a Dustopper for Water Collection

Video: This video demonstrates how to effectively use a Dustopper PRO for collecting water, a technique that can be applied in conjunction with your shop vacuum and hose reel for various wet cleanup tasks.

Maintenance

Regular maintenance ensures the longevity and optimal performance of your hose reel.

- **Inspection:** Periodically inspect the hose for any signs of wear, cracks, or damage. Check all connections for tightness.
- **Cleaning:** Wipe down the exterior of the reel and the hose with a damp cloth to remove dust and debris. Avoid using harsh chemicals.
- **Lubrication:** The internal mechanism is designed for low maintenance. Do not attempt to lubricate internal components unless specifically instructed by the manufacturer.
- **Storage:** When not in use, ensure the hose is fully retracted onto the reel to protect it from damage and keep your workspace tidy.

Troubleshooting

Address common issues that may arise during the use of your hose reel.

- **Hose Not Retracting Smoothly:** Check for kinks or twists in the hose. Ensure the hose is not obstructed by debris. Verify the crank mechanism is free of foreign objects.
- **Reduced Suction:** Inspect all hose connections for leaks. Ensure the hose itself is not damaged. Check your shop vacuum's filter and canister for blockages or fullness.
- **Mounting Instability:** Re-check the mounting hardware and ensure it is securely fastened to the wall studs. If the wall material is compromised, consider relocating or reinforcing the mounting area.

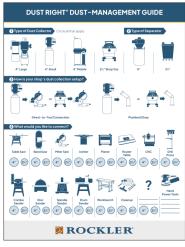
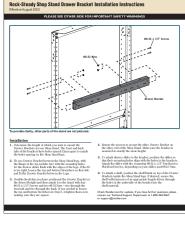
Specifications

Feature	Specification
Brand	Rockler
Model Number	52542
Material	Alloy Steel
Color	Grey
Style	Single Arm
Installation Type	Wall Mount
Hose Capacity	Up to 40 feet of 1.5-inch hose
Required Hose Fitting (OD)	2-1/4 inches
Item Weight	13 kg

Warranty and Support

For warranty information, technical support, or to purchase replacement parts, please refer to the official Rockler website or contact their customer service department. Keep your purchase receipt for warranty claims.

Related Documents - 52542

	<p>Dust Right® Dust Management Guide - Rockler</p> <p>Rockler's Dust Right® Dust Management Guide provides comprehensive advice on setting up effective dust collection systems for workshops. It covers selecting dust collectors and separators, understanding connection types, and choosing accessories for various woodworking tools.</p>
	<p>Rockler Dust Right 750 CFM Mobile Dust Collector Instructions</p> <p>Comprehensive instructions for assembling, operating, and maintaining the Rockler Dust Right 750 CFM Mobile Dust Collector (Model 57841). Includes safety warnings, electrical guidelines, and parts list.</p>
	<p>Rockler Dust RIGHT Wall-Mount HEPA Cyclone Dust Collector Instructions</p> <p>Comprehensive instructions for installing, operating, and maintaining the Rockler Dust RIGHT Wall-Mount HEPA Cyclone Dust Collector. Includes safety warnings, assembly steps, and troubleshooting.</p>
	<p>Rockler Fence Port Dust Brush Instructions & Safety Guide</p> <p>Official instructions and safety warnings for the Rockler Fence Port Dust Brush (Model 58978). Learn how to install and use this woodworking dust collection accessory safely.</p>
	<p>Rockler Rock-Steady Shop Stand Drawer Bracket Installation Instructions</p> <p>Step-by-step guide for installing Rockler's Rock-Steady Shop Stand Drawer Brackets, including safety warnings and best practices for woodworking shops.</p>



[Rockler Material Mate™ Instructions: Assembly, Loading, and Use Guide](#)

Comprehensive instructions for assembling, loading, lifting, transporting, unloading, and using the Rockler Material Mate™ panel cart and shop stand. Includes safety warnings and operational guidance.