COXREELS 1125-4-325-A

Coxreels 1125-4-325-A Compressed Air Motor Rewind Hose Reel User Manual

1. Introduction

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Coxreels 1125-4-325-A Compressed Air Motor Rewind Hose Reel. Please read this manual thoroughly before installation or operation to ensure proper use and to prevent potential hazards.

2. Safety Information

Always prioritize safety when handling and operating the hose reel. Failure to follow safety instructions can result in injury or equipment damage.

- Read and understand all instructions before operating the hose reel.
- Ensure the hose reel is securely mounted according to installation guidelines.
- Wear appropriate personal protective equipment (PPE) when operating or maintaining the reel.
- Do not exceed the maximum operating pressure or temperature ratings of the hose reel or the hose.
- Disconnect air supply before performing any maintenance or adjustments.

Caution! Failure to use a flexible connector between the inlet pipe and swivel joint will invalidate the product warranty.

3. Basic Information and Pre-Installation Considerations

Before installation or ordering replacement parts, it is crucial to understand the specific requirements and characteristics of your hose reel system. The diagram below illustrates key components and specifications to consider.



This diagram highlights critical information for the Coxreels 1125-4-325-A hose reel. It shows where to consider the hose's inner diameter (I.D.), outer diameter (O.D.), and length. It also points to the type of product the hose will handle, the size and type of swivel joint, and the rewind mechanism. Additionally, it illustrates the importance of understanding the operating pressure range and product temperature range. A crucial caution is noted: 'Failure to use a flexible connector between the inlet pipe and swivel joint will invalidate our warranty.'

- **Hose I.D., O.D., & Length:** Determine the exact dimensions and length of the hose required for your application. This model is designed for a 1/2" x 325' hose.
- **Product To Be Handled:** Identify the type of compressed air or other media that will pass through the hose.
- **Size & Type Of Swivel Joint:** Ensure compatibility with your system's connections. This model features an Electroless nickel plated steel 90-degree full-flow NPT swivel inlet.
- **Type Of Rewind:** This is a motor rewind hose reel, offering automatic retraction.
- **Operating Pressure Range:** Verify that your system's operating pressure falls within the reel's specified limits (up to 3000 PSI for this model).
- **Product Temperature Range:** Confirm that the temperature of the media handled is within the safe operating range of the reel and hose.

4. Product Features

The Coxreels 1125-4-325-A hose reel incorporates several design elements for durability and performance:

- **SWIVEL:** Electroless nickel plated steel 90-degree full-flow NPT swivel inlet for robust connection.
- **CNC SPUN DISCS:** Heavy-duty CNC robotically spun and ribbed discs with rolled edges for enhanced strength, durability, hose protection, and operator safety.
- **"A" FRAME:** Sturdy one-piece, all CNC robotically welded 12-gauge steel "A" frame base, not bolted, for superior reel structure. Mounting pattern is integrated into the steel base for easy installation and detachment.
- **OTHER FEATURES:** Includes a long-lasting, chip-resistant, and rust-inhibiting CPC powder coat finish, and reliable direct gear drive for smooth and quiet retraction without a chain. Motor options are available in air, electric, and hydraulic.
- **Made in USA:** Manufactured in the United States.

5. Specifications

Specification	Detail
Brand	COXREELS
Model Number	1125-4-325-A
Hose Capacity	1/2" x 325' (Hose Not Included)
Maximum Pressure	3000 PSI
Item Dimensions (L x W x H)	17.63 x 29 x 19.25 inches
Item Weight	56 Pounds
Color	Blue
Style	1125 Series
Installation Method	Freestanding, Mounted
Operation Mode	Automatic (Motorized)
Included Components	1125 Series - Motorized Reel
UPC	665871800557

6. Setup and Installation

Proper installation is critical for the safe and effective operation of your hose reel. This reel supports both freestanding and mounted installations.

6.1 Mounting the Reel

- **Location:** Choose a location that is structurally sound and can support the weight of the reel, hose, and any potential tension during operation. Ensure adequate clearance for hose extension and retraction.
- **Mounting Hardware:** Use appropriate hardware (not included) for your specific mounting surface (e.g., concrete anchors, lag bolts for wood). The reel's steel base includes a mounting pattern for easy installation.

- **Secure Attachment:** Ensure all mounting bolts are tightened securely to prevent movement or vibration during operation.

6.2 Connecting the Hose and Air Supply

- **Hose Installation:** Carefully feed your 1/2" hose onto the reel drum. Ensure it is properly seated and secured to the swivel inlet.
- **Inlet Connection:** Connect your compressed air supply line to the reel's swivel inlet. As noted in the safety section, a **flexible connector is mandatory** between the inlet pipe and the swivel joint to prevent warranty invalidation and ensure proper function.
- **Outlet Connection:** Attach your air tool or desired outlet fitting to the end of the hose.
- **Leak Check:** After all connections are made, slowly introduce air pressure and check for any leaks using a soapy water solution. Tighten connections as needed.

7. Operation

This Coxreels 1125-4-325-A model features a motorized, automatic operation for hose extension and retraction.

- **Extension:** To extend the hose, activate the motor control (specific control mechanism may vary based on motor type - air, electric, or hydraulic). The hose will unwind from the reel.
- **Retraction:** To retract the hose, activate the motor control for rewind. The direct gear drive system will smoothly and quietly pull the hose back onto the reel. Guide the hose manually if necessary to ensure an even wrap and prevent tangling.
- **Stopping:** Release the motor control to stop the hose at the desired length during extension or retraction.

8. Maintenance

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

- **Daily/Before Use:** Inspect the hose for cuts, abrasions, or damage. Check all connections for leaks. Ensure the reel rotates freely.
- **Weekly/Monthly:** Clean the reel and hose to remove dirt, debris, or corrosive materials. Inspect the swivel joint for smooth rotation and signs of wear. Check mounting bolts for tightness.
- **Annually:** Perform a thorough inspection of all components, including the motor, gear drive, and frame. Replace any worn or damaged parts with genuine Coxreels components.
- **Lubrication:** Consult the motor's specific manual for lubrication requirements. The direct gear drive typically requires minimal maintenance.

9. Troubleshooting

This section addresses common issues you might encounter with your hose reel.

Problem	Possible Cause	Solution
Hose does not extend or retract smoothly.	Hose tangled or improperly wound; motor issue; obstruction.	Manually guide hose to untangle; check motor power/air supply; inspect for obstructions.

Problem	Possible Cause	Solution
Air leaks from connections.	Loose fittings; damaged O-rings or seals; incorrect thread sealant.	Tighten fittings; replace O-rings/seals; apply appropriate thread sealant.
Motor does not operate.	No power/air supply to motor; faulty wiring/connections; motor malfunction.	Check power/air supply; inspect wiring; consult a qualified technician for motor repair.
Excessive noise during operation.	Lack of lubrication; worn bearings; loose components.	Lubricate as per motor manual; inspect and replace worn parts; tighten loose components.

If troubleshooting steps do not resolve the issue, contact Coxreels customer support or a qualified service technician.

10. Warranty and Support

Coxreels stands behind the quality of its products. Please refer to the official Coxreels warranty policy for detailed terms and conditions. Remember that failure to use a flexible connector between the inlet pipe and swivel joint will invalidate your warranty.

- **Returns:** This product is eligible for 30-day easy returns through the seller.
- **Protection Plans:** Extended protection plans (e.g., 2-Year or 3-Year) may be available for purchase separately to cover your investment beyond the standard warranty.
- **Customer Support:** For technical assistance, parts, or warranty claims, please contact Coxreels directly or the authorized dealer from whom you purchased the product.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question