

## KRAUSE 030429

# KRAUSE Corda 030429 Multifunction Aluminum Ladder Instruction Manual

Model: 030429 | Brand: KRAUSE

## 1. INTRODUCTION

This manual provides essential instructions for the safe and effective use of your KRAUSE Corda 030429 Multifunction Aluminum Ladder. This versatile ladder is designed for various tasks, functioning as a single ladder, an extension ladder, and a stepladder. Please read this manual thoroughly before initial use and retain it for future reference. Adherence to these instructions is crucial for your safety and to ensure the longevity of the product.

## 2. SAFETY INSTRUCTIONS

Always prioritize safety when using any ladder. Failure to follow these instructions can result in serious injury or death.

- **Inspection:** Before each use, inspect the ladder for any damage, loose components, or missing parts. Do not use a damaged ladder.
- **Stable Surface:** Always place the ladder on a firm, level, and non-slip surface. Ensure the feet are fully supported.
- **Load Capacity:** Do not exceed the maximum load capacity of 150 kg (including user, tools, and materials).
- **Angle of Use:** When used as a single or extension ladder, maintain a 75-degree angle (1:4 ratio – for every 4 units of height, the base should be 1 unit away from the wall).
- **Extension:** Ensure all locking mechanisms are fully engaged when extending the ladder.
- **Overreaching:** Never overreach. Keep your belt buckle between the side rails. Move the ladder instead of stretching.
- **Top Rungs:** Do not stand on the top three rungs of a single or extension ladder, or the top two rungs of a stepladder.
- **Electrical Hazards:** Be aware of overhead power lines and other electrical hazards. Aluminum conducts electricity.
- **Weather Conditions:** Avoid using the ladder in strong winds, rain, or icy conditions.
- **Footwear:** Wear appropriate, non-slip footwear.
- **One Person:** This ladder is designed for use by one person at a time.
- **Transport:** Secure the ladder properly during transport to prevent damage.

### 3. COMPONENTS

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The KRAUSE Corda 030429 ladder consists of the following main components:

- **Aluminum Sections:** Three main ladder sections, each with 11 rungs.
- **Rungs:** Horizontal steps for climbing.
- **Side Rails:** Vertical supports for the rungs.
- **Stabilizer Bar (Traverse):** A wide base at the bottom for enhanced stability.
- **Locking Mechanisms:** Hinges and hooks to secure the ladder in different configurations.
- **Non-slip Feet:** Caps on the bottom of the side rails to prevent slipping.





*Figure 1: KRAUSE Corda 030429 Multifunction Ladder shown in an A-frame configuration with an extended third section. This image illustrates the ladder's robust aluminum construction and stabilizer bar.*

## 4. SETUP AND CONFIGURATION

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The KRAUSE Corda 030429 can be configured in several ways. Always ensure all locking mechanisms are securely engaged before use.

### 4.1. Stepladder Configuration (A-frame)

1. Place the ladder on a firm, level surface.
2. Unfold the ladder sections to form an 'A' shape.
3. Ensure the spreader bars or safety straps are fully extended and locked.
4. If using with an extended third section, ensure the extension locks are securely fastened.

### 4.2. Extension Ladder Configuration

1. Lay the ladder flat on the ground.
2. Extend the sections to the desired height, ensuring each section's locking hooks engage fully with the rungs of the section below.
3. Carefully raise the extended ladder against a stable support surface (e.g., a wall).
4. Verify the 75-degree angle of inclination.

### 4.3. Single Ladder Configuration

1. Similar to the extension ladder, but typically using only one or two sections fully extended and locked.
2. Ensure the stabilizer bar is at the base.
3. Lean against a stable surface at the correct angle.



*Figure 2: The KRAUSE Corda 030429 ladder demonstrating its versatility in three common configurations: a straight single ladder, a stepladder (A-frame), and an extended stepladder.*

## 5. OPERATING INSTRUCTIONS

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Once the ladder is correctly set up, follow these guidelines for safe operation:

- **Climbing:** Always face the ladder when climbing up or down. Maintain three points of contact (two hands and one foot, or two feet and one hand) at all times.
- **Tools:** Use a tool belt or hoist to carry tools and materials, keeping your hands free for climbing.
- **Working Height:** The maximum working height for this ladder is approximately 7.25 meters. This is the height a

person can comfortably reach while standing on the safe working rungs.

- **Movement:** If you need to move the ladder, descend completely, reposition it, and then re-ascend. Never attempt to move a ladder while on it.

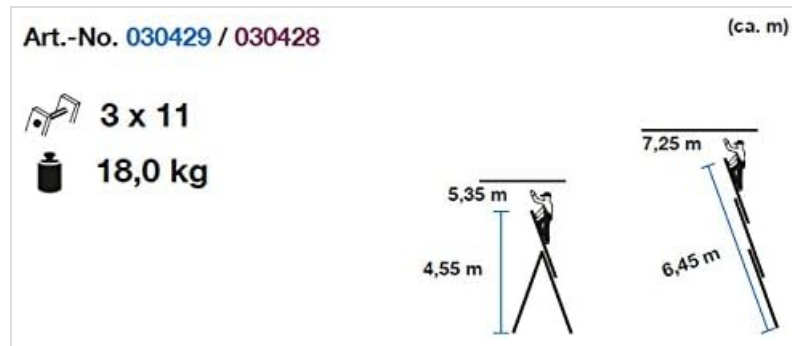


Figure 3: This diagram illustrates the approximate working heights for the KRAUSE Corda 030429 ladder in different configurations. It shows a working height of 5.35m for the A-frame and 7.25m for the extended ladder.

## 6. MAINTENANCE

Regular maintenance ensures the safety and extends the lifespan of your ladder.

- **Cleaning:** Clean the ladder regularly with a damp cloth. Avoid harsh chemicals that could damage the aluminum or plastic components.
- **Lubrication:** Periodically lubricate moving parts, such as hinges and locking mechanisms, with a light oil to ensure smooth operation.
- **Storage:** Store the ladder in a dry, protected area, away from extreme temperatures and direct sunlight. Ensure it is stored horizontally or securely vertically to prevent falling.
- **Inspection:** Beyond pre-use checks, conduct a thorough inspection periodically for wear and tear, especially on rungs, side rails, feet, and locking mechanisms. Replace worn or damaged parts immediately.

## 7. TROUBLESHOOTING

This section addresses common issues you might encounter.

- **Ladder feels unstable:**
  - Ensure the ladder is on a firm, level surface.
  - Check that the stabilizer bar is correctly positioned and fully extended.
  - Verify all locking mechanisms are fully engaged for the chosen configuration.
- **Sections not extending/retracting smoothly:**
  - Inspect for dirt or debris obstructing the rails or locking mechanisms. Clean as necessary.
  - Apply a light lubricant to the moving parts.
  - Ensure no parts are bent or damaged.
- **Locking mechanisms not engaging:**
  - Check for obstructions.
  - Ensure the ladder sections are correctly aligned.
  - Do not force mechanisms; if they are stiff, clean and lubricate them. If damaged, do not use the ladder.

## 8. SPECIFICATIONS






Feature	Specification
Model Number	030429
Type	Multifunction Ladder (Single, Extension, Stepladder)
Material	Aluminum
Number of Rungs	3 x 11 rungs
Maximum Working Height	7.25 m (approx. 23.8 ft)
Maximum Load Capacity	150 kg (approx. 330 lbs)
Product Weight	18 kg (approx. 39.7 lbs)
Dimensions (L x W x H, folded)	600 x 600 x 200 cm (Note: This dimension from source data appears unusually large for a folded ladder. Please verify with product packaging.)
Standards	DIN EN 131
Special Features	Extensible, Foldable, with Stabilizer Bar

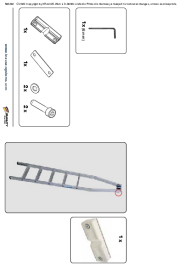
## 9. WARRANTY AND SUPPORT

For information regarding warranty coverage, spare parts, or customer support, please refer to the official KRAUSE website or contact your retailer. Keep your purchase receipt as proof of purchase.

**Manufacturer:** KRAUSE

**Website:** [www.krause-systems.com](http://www.krause-systems.com) (Example link, actual link may vary)

	<p><a href="#">KRAUSE STABILO Professional R13 Extension Ladder - Specifications and Features</a></p> <p>Detailed information on the KRAUSE STABILO Professional R13 aluminum extension ladder, featuring anti-slip steps, high stability, and compliance with TRBS 2121-2 and EN 131 standards. Includes technical specifications and model details.</p>
	<p><a href="#">KRAUSE STABILO Side Rail Extension Installation and Repair Guide</a></p> <p>Detailed instructions for the installation and repair of the KRAUSE STABILO side rail extension, designed for KRAUSE ladders. Includes part identification and step-by-step assembly guidance.</p>
	<p><a href="#">KRAUSE Multi-Purpose/Combination Ladder User Manual</a></p> <p>Comprehensive user manual for KRAUSE multi-purpose and combination ladders, detailing safe usage, assembly, maintenance, and technical specifications. Includes safety guidelines and product information.</p>
	<p><a href="#">KRAUSE Corda Alu Ladder End Cap (Mushroom Plug) Replacement Guide</a></p> <p>Step-by-step instructions for replacing the end caps, also known as mushroom plugs, on KRAUSE Corda Alu household ladders. Includes part number 560683 and quantity required.</p>
	<p><a href="#">KRAUSE Multipurpose Ladder User Manual   Safety and Operating Guide</a></p> <p>Comprehensive user manual for KRAUSE multipurpose and combination ladders. Learn about safe operation, assembly, maintenance, and technical specifications for reliable performance in various applications.</p>



### [KRAUSE Ladder Component Repair and Assembly Instructions](#)

Detailed instructions for repairing and assembling a component for KRAUSE SteckLeiter R13 ladders, including parts list and step-by-step guide.