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### Ejoyous Ejoyousgvf38u1emt-13

# Ejoyous Router Table Lifting Base Kit User Manual

Model: Ejoyousgvf38u1emt-13

## 1. PRODUCT OVERVIEW

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The Ejoyous Router Table Lifting Base Kit is a versatile tool designed to enhance precision and control in various woodworking applications. This kit allows for precise height adjustment of your router, making it ideal for tasks such as engraving, slotting, trimming, and chamfering. Constructed from durable aluminum alloy and stainless steel, it offers stability and reliability for both professional and hobbyist woodworkers.



Figure 1: Front view of the Ejoyous Router Table Lifting Base Kit.

## 2. SAFETY INFORMATION

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**WARNING: Always follow general woodworking safety practices when using this product. Failure to do so may result in serious injury or property damage.**

- Read and understand all instructions before assembly and operation.
- Wear appropriate personal protective equipment (PPE), including safety glasses, hearing protection, and dust masks.
- Ensure your workspace is clean, well-lit, and free from obstructions.
- Always disconnect power from your router before making any adjustments or maintenance.
- Keep hands and fingers clear of moving parts and cutting tools.
- Securely fasten the router and workpiece before operation.
- Do not operate the equipment under the influence of drugs, alcohol, or medication.
- Keep children and bystanders at a safe distance.

### **3. PACKAGE CONTENTS**

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Verify that all components are present and undamaged upon opening the package. If any parts are missing or damaged, contact customer support immediately.

- 1 x Lifting Base
- 1 x Handle
- 4 x Screws
- 1 x Hex Wrench
- 1 x Router Plate
- 1 x Engineering Plastic Backer
- 1 x Angle Disc
- 2 x Insert Rings

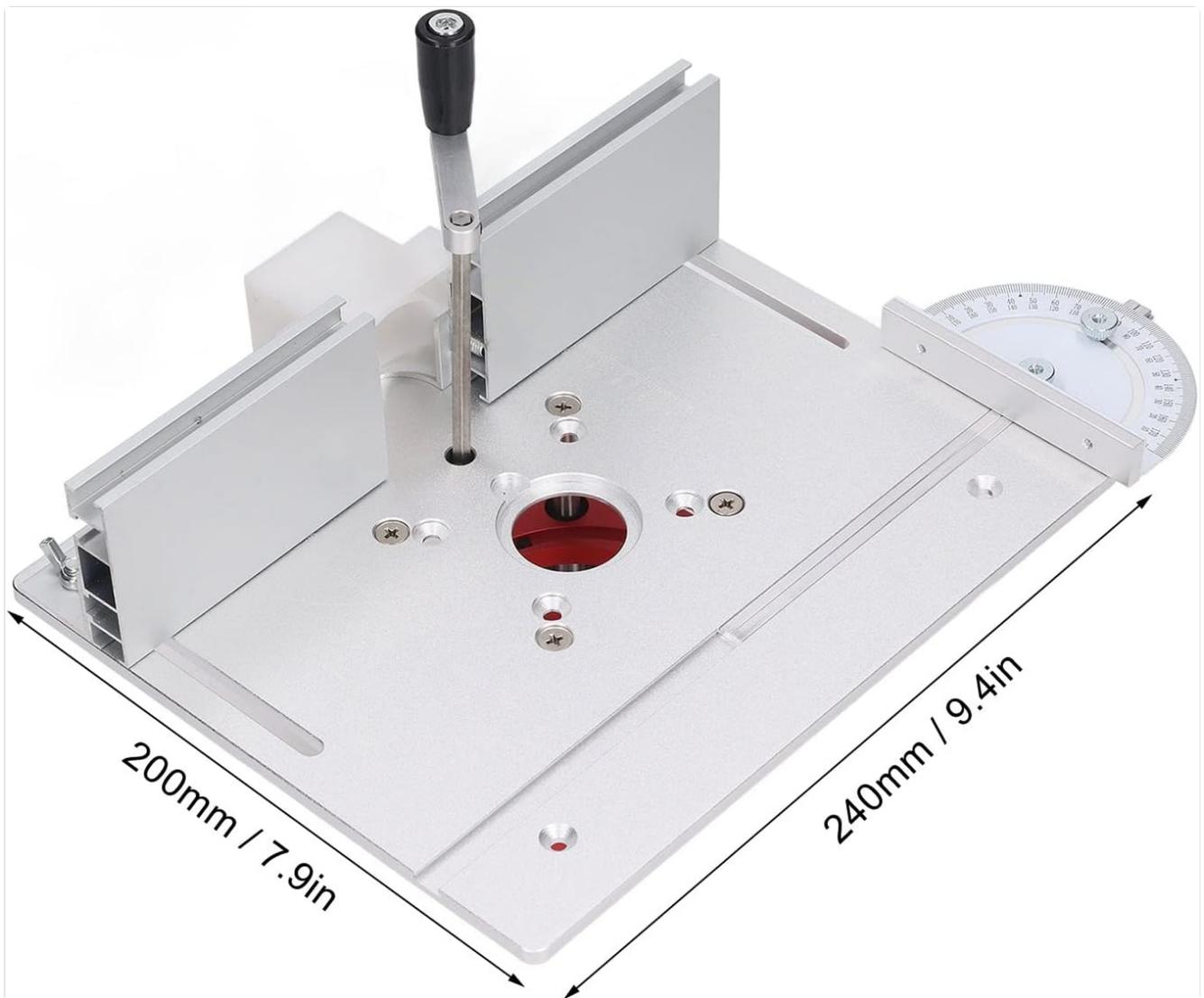


Figure 2: All components included in the Ejoyous Router Table Lifting Base Kit.

## 4. SETUP AND INSTALLATION

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Follow these steps to properly set up your Ejoyous Router Table Lifting Base Kit:

1. **Prepare the Router Plate:** Place the router plate on a stable surface.
2. **Attach the Lifting Base:** Align the lifting base with the designated mounting holes on the router plate. Secure it using the provided screws and hex wrench. The mounting screw hole position is approximately 70 x 62mm.
3. **Install the Router:** This lifting base is universally compatible with trimming machines that have a motor diameter between 64mm and 66mm. Carefully insert your router into the central opening of the lifting base and secure it according to your router's manufacturer instructions.
4. **Attach the Handle:** Insert the manual lifting handle into its designated slot on the lifting mechanism.
5. **Insert Rings and Backer:** Select the appropriate insert ring for your router bit and place it into the router plate opening. The engineering plastic backer can be used for additional support if needed.
6. **Mount to Table (Optional):** If integrating into a router table, ensure the entire assembly is securely mounted to your workbench or router table.



Electric Router Lift Base  
For woodworking engraving, slotting,  
trimming, chamfering, etc.  
Aluminum alloy body, stainless steel support rod



Figure 3: The router lifting base kit with a router installed, ready for woodworking tasks.



51mm maximum lifting stroke  
For machine with motor diameter of 64-66mm

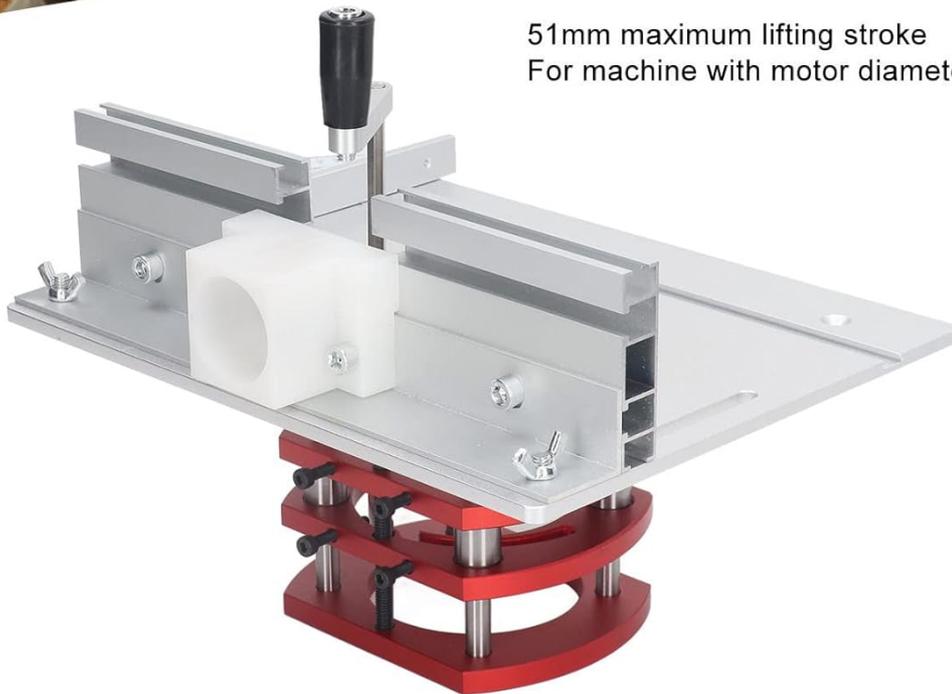


Figure 4: Illustration of the 51mm maximum lifting stroke for precise adjustments.

## 5. OPERATING INSTRUCTIONS

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This router lifting base provides precise control over your router's height for various woodworking operations.

### 5.1 Adjusting Router Height

1. **Power Off:** Ensure your router is disconnected from the power source before making any adjustments.
2. **Use the Handle:** Rotate the manual lifting handle to raise or lower the router. The maximum lifting stroke is approximately 51mm (2 inches).
3. **Precise Adjustments:** The lifting mechanism allows for approximately 1mm accuracy per rotation, enabling fine-tuning of your router bit height.
4. **Verify Height:** Use a depth gauge or ruler to confirm the desired router bit height before powering on the router.



Figure 5: Close-up view of the manual lifting handle for precise height adjustments.

## 5.2 Woodworking Applications

Once the router height is set, you can perform various tasks:

- **Slotting:** Create grooves or slots in your workpiece.
- **Trimming:** Finish edges or remove excess material.
- **Chamfering:** Create angled edges.
- **Engraving:** Perform detailed carving or lettering.

Always ensure the workpiece is securely clamped and feed the material at a consistent, appropriate speed for the router bit and wood type.

## 6. MAINTENANCE

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Regular maintenance will ensure the longevity and optimal performance of your Ejoyous Router Table Lifting Base Kit.

- **Cleaning:** After each use, clean the lifting base and router plate to remove sawdust and debris. Use a brush or compressed air. Avoid using harsh chemicals that could damage the aluminum alloy or stainless steel.
- **Lubrication:** Periodically apply a small amount of dry lubricant to the lifting screw mechanism to ensure smooth operation. Do not over-lubricate, as this can attract dust.
- **Inspection:** Regularly inspect all screws and fasteners for tightness. Tighten any loose connections. Check for any signs of wear or damage to the components.

- **Storage:** Store the kit in a clean, dry environment when not in use to prevent corrosion and damage.

## 7. TROUBLESHOOTING

This section addresses common issues you might encounter with your router lifting base kit.

Problem	Possible Cause	Solution
Lifting mechanism feels stiff or difficult to turn.	Accumulation of sawdust or lack of lubrication.	Clean the lifting screw thoroughly and apply a dry lubricant.
Router is not securely held in place.	Incorrect router size or loose clamping mechanism.	Ensure your router's motor diameter is between 64-66mm. Tighten all router clamping screws according to your router's manual.
Inaccurate height adjustments.	Loose components or worn lifting screw.	Check all mounting screws for tightness. If the issue persists, contact customer support.

## 8. SPECIFICATIONS

Feature	Detail
Item Type	Router Lift Kit
Lifting Base Material	Aluminum Alloy, Stainless Steel
Router Plate Material	Aluminum Alloy
Table Top Size	Approx. 240 x 200mm / 9.4 x 7.9in
Maximum Lifting Stroke	Approx. 51mm / 2in
Lifting Method	Manual lifting, equipped with manual lifting lever
Mounting Screw Hole Position	Approx. 70 x 62mm / 2.8 x 2.4in
Applicable Machine	Universal type, suitable for trimming machines with motor diameter between 64-66mm
Item Weight	Approx. 3.96 pounds
Package Dimensions	Approx. 10.24 x 8.27 x 8.27 inches
Model Number	Ejoyousgvf38u1emt-13



Figure 6: Key dimensions of the router plate and lifting base.

## 9. WARRANTY AND SUPPORT

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For warranty information, please refer to the documentation provided at the time of purchase or contact your retailer. Ejoyous strives to provide high-quality products and customer satisfaction.

For further assistance, technical support, or to inquire about replacement parts, please visit the official Ejoyous store or contact their customer service department:

- **Ejoyous Store:** <https://www.amazon.com/stores/Ejoyous/page/6042D20D-0EE3-4EF7-A285-D8B2E62AF5C8>