

Trend KWJ700/A

Trend 700mm Worktop Router Jig User Manual

Model: KWJ700/A

1. INTRODUCTION

The Trend KWJ700/A 700mm Worktop Router Jig is a precision tool designed to create seamless 35mm inset mason mitre joints on kitchen worktops. This jig is engineered for versatility, accommodating various materials such as laminated chipboard, wood, and compact laminate, enhancing project flexibility.

It is specifically designed for use with routers equipped with a 12.7mm cutter and a 30mm guide bush, ensuring accurate and clean cuts. The jig supports a wide range of common worktop widths, including 700mm, 650mm, 645mm, 635mm, 620mm, 616mm, 610mm, and 600mm. This manual provides comprehensive instructions for easy setup and precise operation, guaranteeing professional results.

2. KEY FEATURES

- **Precision Joint Creation:** Enables the creation of 35mm inset mason mitre joints for a seamless finish on kitchen worktops.
- **Versatile Material Compatibility:** Ideal for laminated chipboard, wood, and compact laminate.
- **Router Specific Design:** Engineered for use with routers fitted with a 12.7mm cutter and a 30mm guide bush.
- **Wide Worktop Width Range:** Suitable for common worktop widths including 700mm, 650mm, 645mm, 635mm, 620mm, 616mm, 610mm, and 600mm.
- **Detailed Instructions:** Comes with extensive instructions for straightforward setup and accurate operation.

3. PRODUCT OVERVIEW



Figure 1: Top-down view of the Trend KWJ700/A Worktop Router Jig. This image displays the overall layout of the jig, including the various routing channels and measurement indicators for different worktop widths and joint types. The Trend logo and model number KWJ700/A are clearly visible.

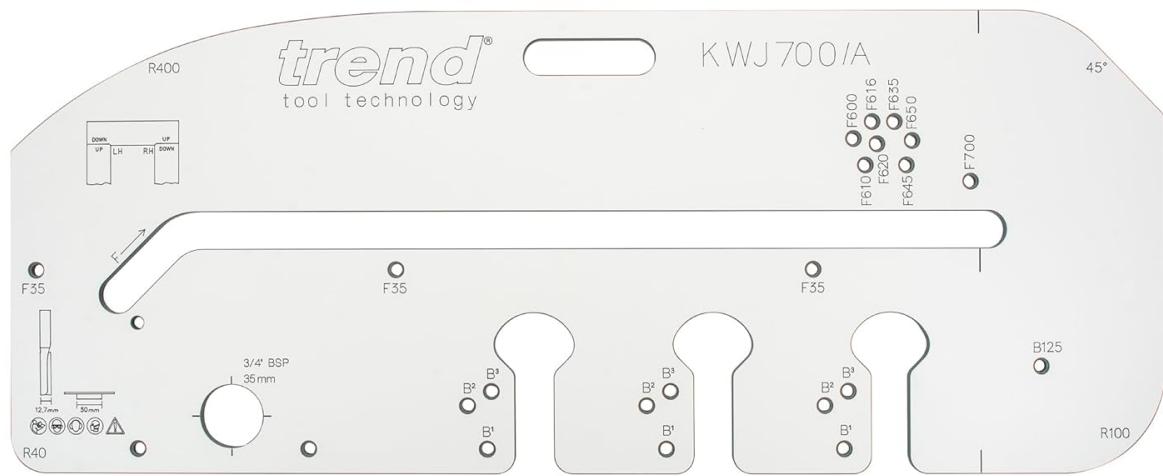


Figure 2: Detailed view of the Trend KWJ700/A Worktop Router Jig. This image focuses on the 45-degree angle cutting guide and the various circular and elongated routing paths, indicating where the router will follow to create the precise mitre joints. Markings for different worktop widths are also visible.

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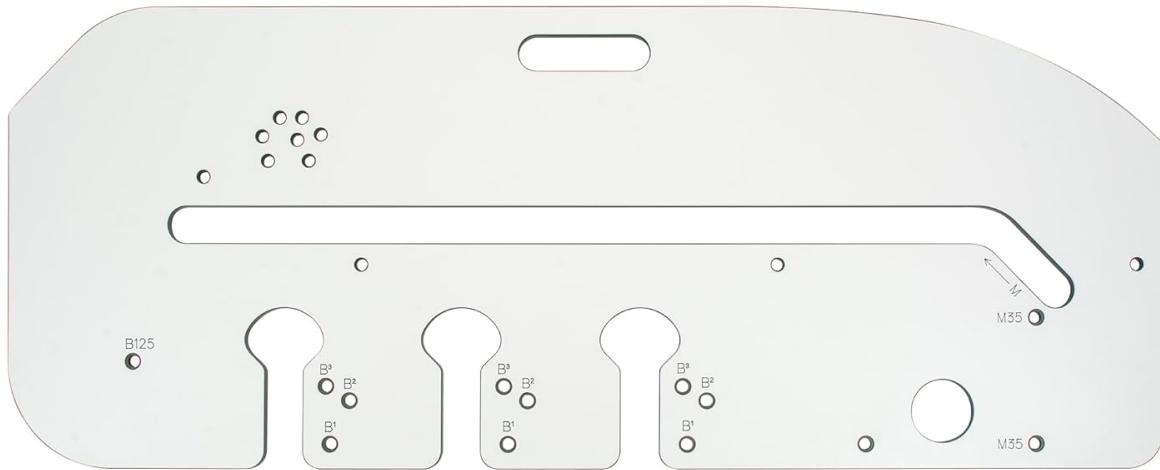


Figure 3: Underside view of the Trend KWJ700/A Worktop Router Jig. This image shows the smooth, flat surface of the jig that rests on the worktop, along with the various holes and cutouts that correspond to the routing paths and clamping points on the top side. This view emphasizes the robust construction of the jig.

4. SETUP

Proper setup is crucial for achieving accurate and clean cuts. Follow these steps carefully:

- 1. Prepare Work Area:** Ensure your worktop and surrounding area are clean, stable, and well-lit.
- 2. Gather Tools:** You will need a router, a 12.7mm (1/2 inch) router cutter, a 30mm guide bush, and appropriate clamps to secure the jig.
- 3. Select Worktop Width:** Identify the correct routing channels on the jig corresponding to your worktop's width (e.g., 700mm, 650mm, 600mm).
- 4. Position the Jig:** Place the jig accurately on the worktop, aligning it with the edge and the desired joint line. Ensure the jig is oriented correctly for the type of joint (left-hand or right-hand).
- 5. Secure the Jig:** Use suitable clamps to firmly secure the jig to the worktop. Ensure there is no movement or slippage during routing.
- 6. Install Router Cutter and Guide Bush:** Attach the 12.7mm router cutter and the 30mm guide bush to your

router according to your router's instructions.

7. **Set Router Depth:** Adjust the router's cutting depth to match the thickness of your worktop, ensuring the cutter will pass completely through the material without damaging the surface beneath.

5. OPERATING INSTRUCTIONS

Once the jig is securely set up, proceed with routing as follows:

1. **Initial Pass:** With the router switched off, place the router base onto the jig, ensuring the guide bush is correctly seated within the chosen routing channel.
2. **Start Routing:** Switch on the router and slowly guide it along the selected channel. Maintain constant pressure against the guide bush to ensure the cutter follows the jig's path precisely.
3. **Multiple Passes (if necessary):** For thicker materials, it may be beneficial to make multiple shallow passes rather than one deep cut to reduce strain on the router and cutter, and to achieve a cleaner finish.
4. **Complete the Cut:** Continue routing until the entire joint profile is cut. Ensure all waste material is removed.
5. **Switch Off and Remove:** Once the cut is complete, switch off the router and wait for the cutter to stop rotating before lifting it from the jig.
6. **Unclamp and Inspect:** Carefully unclamp the jig and remove it from the worktop. Inspect the cut for accuracy and cleanliness.
7. **Create Bolt Recesses:** The jig also includes guides for routing recesses for worktop connector bolts. Follow the markings on the jig to create these recesses for a strong and secure joint.

Safety Note: Always wear appropriate personal protective equipment (PPE) including eye protection, hearing protection, and dust mask when operating a router. Ensure the work area is clear of obstructions and bystanders.

6. MAINTENANCE

To ensure the longevity and continued accuracy of your Trend Worktop Router Jig, follow these maintenance guidelines:

- **Cleaning:** After each use, wipe down the jig with a clean, dry cloth to remove any dust, wood chips, or residue. Avoid using harsh chemicals that could damage the jig's surface or markings.
- **Storage:** Store the jig in a dry, clean environment, away from direct sunlight and extreme temperatures. Store it flat or hang it to prevent warping.
- **Inspection:** Periodically inspect the jig for any signs of wear, damage, or deformation. Ensure all markings are clear and legible.
- **Router Bit Maintenance:** Always use sharp router bits. Dull bits can lead to poor cut quality and increased strain on your router and the jig.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Rough or uneven cuts	Dull router bit; incorrect router speed; too fast feed rate; jig not securely clamped.	Replace or sharpen router bit; adjust router speed; reduce feed rate; ensure jig is firmly clamped.

Problem	Possible Cause	Solution
Joints do not align perfectly	Jig not positioned accurately; guide bush not correctly seated; worktop not stable.	Re-position jig with precision; ensure guide bush is always in contact with the jig's edge; secure worktop.
Router bit burning wood	Dull bit; too slow feed rate; incorrect router speed.	Replace or sharpen bit; increase feed rate slightly; adjust router speed.

8. SPECIFICATIONS

Model Number: KWJ700/A

Manufacturer: Trend

Product Dimensions: 10.16 x 101 x 0.1 cm (4 x 39.8 x 0.04 inches)

Product Weight: 5.8 kg (12.8 lbs)

Compatible Router Cutter: 12.7mm (1/2 inch)

Compatible Guide Bush: 30mm

Supported Worktop Widths: 700mm, 650mm, 645mm, 635mm, 620mm, 616mm, 610mm, 600mm

Joint Type: 35mm Inset Mason Mitre

Country of Origin: United Kingdom

9. WARRANTY AND SUPPORT

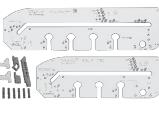
This product is manufactured by Trend. For specific warranty information, please refer to the documentation included with your purchase or visit the official Trend website. For technical support or inquiries regarding the KWJ700/A Worktop Router Jig, please contact Trend customer service directly.

Please retain your proof of purchase for any warranty claims.

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This manual is for informational purposes only. Specifications are subject to change without notice.

Related Documents - KWJ700/A

 <p>KWJ700/950/PRO</p> <p>EN Original Instructions DE Übersetzung Der Originalanleitung FR Traduction Des Instructions Originales NL Vertaling Van De Originele Instructions SE Översättning Av De Ursprungliga Instruktionerna IT Traduzione Originale PL Instrukcje oryginalne ES Instrucciones originales</p> <p>P.1 P.2 P.3 P.4 P.5 P.6 P.7 P.8 P.9 P.10 P.11 P.12 P.13 P.14 P.15 P.16 P.17 P.18 P.19 P.20 P.21 P.22 P.23 P.24 P.25 P.26 P.27 P.28 P.29 P.30</p>	<p>Trend KWJ700/950/PRO Worktop Jig Instructions</p> <p>Comprehensive instructions for the Trend KWJ700/950/PRO worktop jig, detailing its use for creating mason mitre joints in kitchen worktops, including safety guidelines, technical data, and troubleshooting.</p>
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 <p>STRIKE/JIG</p> <p>EN Original Instructions DE Übersetzung Der Originalanleitung FR Traduction Des Instructions Originales NL Vertaling Van De Originele Instructions SE Översättning Av De Ursprungliga Instruktionerna IT Traduzione Originale PL Instrukcje oryginalne ES Instrucciones originales</p> <p>P.1 P.2 P.3 P.4 P.5 P.6 P.7 P.8 P.9 P.10 P.11 P.12 P.13 P.14 P.15 P.16 P.17 P.18 P.19 P.20 P.21 P.22 P.23 P.24 P.25 P.26 P.27 P.28 P.29 P.30</p>	<p>Trend STRIKE/JIG: Door Strike and Mortise Jig Instruction Manual</p> <p>Comprehensive guide to using the Trend STRIKE/JIG for accurately creating mortises and recesses for door hardware, including technical data, safety instructions, and setup procedures.</p>
 <p>CAB/JIG/A</p> <p>EN Original Instructions DE Übersetzung Der Originalanleitung FR Traduction Des Instructions Originales NL Vertaling Van De Originele Instructions SE Översättning Av De Ursprungliga Instruktionerna IT Traduzione Originale PL Instrukcje oryginalne ES Instrucciones originales</p> <p>P.1 P.2 P.3 P.4 P.5 P.6 P.7 P.8 P.9 P.10 P.11 P.12 P.13 P.14 P.15 P.16 P.17 P.18 P.19 P.20 P.21 P.22 P.23 P.24 P.25 P.26 P.27 P.28 P.29 P.30</p>	<p>Trend CAB/JIG/A Cabinet Hardware Jig: Instructions and Guide</p> <p>Comprehensive instructions and guide for the Trend CAB/JIG/A Cabinet Hardware Jig, detailing setup, operation, safety, and technical specifications for drilling precise handle and knob holes.</p>
 <p>PH/JIG</p> <p>EN Original Instructions DE Übersetzung Der Originalanleitung FR Traduction Des Instructions Originales NL Vertaling Van De Originele Instructions SE Översättning Av De Ursprungliga Instruktionerna IT Traduzione Originale PL Instrukcje oryginalne ES Instrucciones originales</p> <p>P.1 P.2 P.3 P.4 P.5 P.6 P.7 P.8 P.9 P.10 P.11 P.12 P.13 P.14 P.15 P.16 P.17 P.18 P.19 P.20 P.21 P.22 P.23 P.24 P.25 P.26 P.27 P.28 P.29 P.30</p>	<p>Trend PH/JIG Pocket Hole Jig: Instruction Manual and Technical Guide</p> <p>Comprehensive instruction manual for the Trend PH/JIG Pocket Hole Jig. Includes technical data, safety guidelines, operation steps, parts list, and maintenance information for creating strong wood joints.</p>

**T1**

[Trend T1 Router: User Manual and Safety Instructions](#)

This comprehensive manual provides essential operating instructions, technical data, and safety guidelines for the Trend T1 router, a powerful tool for woodworking and plastic applications. Learn about its features, maintenance, and safe usage practices.