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› JORGENSEN No.101 Mini Wood Planer Instruction Manual

Jorgensen 70700

JORGENSEN No.101 Mini Wood Planer Instruction Manual

Model: 70700

1. OVERVIEW

The JORGENSEN No.101 Mini Wood Planer is a compact and versatile hand tool designed for precision woodworking. Its durable construction and adjustable features make it suitable for various tasks, from fine detailing to general wood surface processing.



The JORGENSEN No.101 Mini Wood Planer, a compact tool for detailed woodworking.

Key Features

- **Professional Level Blade:** Crafted from O1 tool steel for improved cutting efficiency and minimal wear. The blade is finely sharpened, adjustable, and designed for long service life.
- **Advanced Materials:** The body is made of ductile iron for rugged durability, while the lever cap is zinc alloy and other parts are stainless steel, ensuring high quality and resistance.
- **Adjustable Design:** Easily adjust the cutting depth by turning the knob, allowing for precise control over planing depth.
- **Multiple Use:** Ideal for trimming, polishing, deburring, and other surface processing tasks in woodworking, DIY projects, and crafts.
- **Easy to Use:** Features a professionally polished flat bottom for smooth operation, making it user-friendly for both professionals and beginners.

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FOR THOSE WHO CUT WOOD, NOT CORNERS.

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NO.101 MINI BLOCK PLANE

Pro 3mm O1 Steel Blade

Minimal vibration with high hardness
& long edge retention

Stainless Steel Hardware

Rust-resistance, smooth operation
& adjustment



Ductile Iron Material

Strong & resilient

Stress Relieved Casting

Keep the machined casting flat
over time

Detailed view of the Jorgensen No.101 Mini Wood Planer, highlighting its construction.

HEAVY GAUGE BLADE

Built with 3mm O1 steel for solid cut with minimal vibration.



 Bedded at 20°
with 25° bevel

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Close-up of the O1 tool steel blade, bedded at 20 degrees with a 25-degree bevel.

MINI, YET MIGHTY

Ideal for fine detailing, smooth finishes-an essential tool for precision woodworking.



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The compact size of the mini wood planer, fitting comfortably in hand.

2. SETUP

Unpacking

Carefully remove the mini wood planer from its packaging. Inspect the tool for any signs of damage. Ensure all components, including the blade, are present.

Blade Adjustment

The cutting depth of the JORGENSEN No.101 Mini Wood Planer is adjustable to suit different woodworking needs. Follow these steps to adjust the blade:

1. Loosen the knob at the rear of the plane body.
2. Adjust the blade's projection by turning the knob until the desired cutting depth is achieved. A small projection is suitable for fine shavings, while a larger projection is for heavier cuts.

3. Ensure the blade is parallel to the sole of the plane for an even cut.
4. Tighten the knob firmly to secure the blade in position before use.

PRECISION GROUND BASE

Machined to an ultra-flat 0.003" tolerance for flawless accuracy.



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Visual guide for adjusting the blade depth of the mini wood planer.

3. OPERATING INSTRUCTIONS

Basic Planing Technique

Hold the planer firmly with both hands, applying even pressure. Push the planer along the wood surface in the direction of the grain. Maintain a consistent angle and pressure for smooth, even shavings. For best results, take light, consistent passes rather than attempting deep cuts in one go.

Applications

- **Trimming:** Perfect for precise trimming of edges and small pieces of wood.

- **Polishing:** Achieve smooth finishes on wood surfaces.
- **Deburring:** Remove rough edges and burrs from cut wood.
- **Crafts:** Ideal for detailed work in model making, carving, and other craft projects.

EASY TO USE



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The precision ground base ensures smooth and accurate planing.

NO DEEP POCKETS REQUIRED TO OWN THIS POCKET PLANE



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The compact design allows for easy portability and storage.

Demonstration Videos

Video demonstrating the effective use of the Jorgensen Mini Wood Planer for woodworking tasks.

Video showcasing the simplicity and efficiency of the Jorgensen Mini Wood Planer in action.

Demonstration video of the Jorgensen Mini Wood Planer, showing its practical application.

4. MAINTENANCE

Blade Care

The O1 tool steel blade is designed for durability and can be repeatedly sharpened. Regularly inspect the blade for dullness or nicks. A sharp blade ensures clean cuts and reduces effort. Sharpen the blade as needed using appropriate sharpening stones or systems.

Tool Body Care

To prevent rust and maintain the tool's performance, lightly oil the ductile iron body and stainless steel components with a plant-based oil (e.g., jojoba oil) after each use or before storage. If any light surface oxide appears, use a fine abrasive hand block to remove it.

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TOOL LIFESPAN HACKS:
PRO CARE GUIDE

- Lightly oil your tool with plant-base oil such as Jojoba oil to prevent rust.
- Use a fine abrasive hand block to remove any light surface oxide.

Applying oil to the planer helps prevent rust and prolong its lifespan.

5. TROUBLESHOOTING

Problem	Possible Cause	Solution
Rough or torn wood surface	Dull blade; planing against the grain; blade set too deep.	Sharpen the blade; plane with the grain; reduce cutting depth.
Uneven cuts	Blade not parallel to the sole; inconsistent pressure.	Re-adjust blade to be parallel; apply even pressure across the plane.
Plane jams or is difficult to push	Blade set too deep; wood grain resistance.	Reduce cutting depth; ensure planing with the grain.
Rust on metal parts	Improper storage; lack of oiling.	Clean and lightly oil metal parts after use; store in a dry environment.

6. SPECIFICATIONS

Feature	Detail
Brand	Jorgensen
Model Number	70700
Material	Ductile Iron (Body), O1 Tool Steel (Blade), Zinc Alloy (Lever Cap), Stainless Steel (Other parts)
Color	Orange

Feature	Detail
Product Dimensions (L x W x H)	3.5" x 1.25" x 3.5" (89mm x 32mm x 89mm)
Item Weight	0.25 Kilograms (0.45 lbs)
Cutting Depth	Adjustable
Cutting Width	1.25 Inches
Power Source	Manual
UPC	044295707008

SPECIFICATIONS



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Detailed diagram illustrating the dimensions and weight of the planer.

7. WARRANTY AND SUPPORT

Warranty Information

For specific warranty details regarding your JORGENSEN No.101 Mini Wood Planer, please refer to the warranty card included with your product or visit the official Jorgensen website. Keep your proof of purchase for any warranty claims.

Customer Support

If you encounter any issues or have questions about your product, please contact Jorgensen customer support. Contact information can typically be found on the product packaging or the official brand website. When contacting support, please have your model number (70700) and purchase details ready.

ASK A QUESTION ABOUT THIS MANUAL

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