

Total TJPR15001

Total TJPR15001 Jointer and Planer User Manual

Model: **TJPR15001** | Brand: **Total**

1. INTRODUCTION

Welcome to the user manual for the Total TJPR15001 Jointer and Planer. This versatile and powerful woodworking tool is designed for accurately straightening and smoothing wood surfaces, making it an essential addition to any workshop. This manual provides comprehensive instructions for the safe assembly, operation, maintenance, and troubleshooting of your machine. Please read this manual thoroughly before operating the tool to ensure safe and efficient use and to maximize the lifespan of your equipment.

2. SAFETY INSTRUCTIONS

Always prioritize safety when operating power tools. Failure to follow these instructions may result in serious injury or damage to the machine.

- Personal Protective Equipment (PPE):** Always wear safety glasses or goggles, hearing protection, and a dust mask. Avoid loose clothing, jewelry, and long hair that could get caught in moving parts.
- Work Area Safety:** Ensure your work area is clean, well-lit, and free from clutter. Keep children and bystanders away from the operating machine.
- Electrical Safety:** Ensure the power supply matches the machine's requirements (220-240V, 50/60Hz). Do not operate in damp or wet conditions. Always unplug the machine before making adjustments, changing blades, or performing maintenance.
- Machine Inspection:** Before each use, inspect the machine for any damaged parts, loose components, or worn blades. Do not operate a damaged machine.
- Workpiece Handling:** Always use push sticks or push blocks when feeding small workpieces. Never place hands directly over the cutterhead. Ensure the workpiece is free of nails, screws, or other foreign objects.
- Stability:** Ensure the jointer/planer is placed on a stable, level surface and secured to prevent tipping or movement during operation.
- Dust Collection:** Connect the machine to an effective dust collection system to maintain a clear workspace and reduce airborne dust.
- Emergency Stop:** Familiarize yourself with the location and operation of the emergency stop switch.

3. PRODUCT OVERVIEW

The Total TJPR15001 Jointer and Planer is engineered for precision and durability. Key features include:

- Powerful 1500W motor for demanding tasks.
- Maximum cutting width of 204mm for wide stock.
- Adjustable jointer table for precise jointing.
- Adjustable planer table with depth stop to prevent over-planing.
- Integrated dust collection system to keep your workspace clean.



An image showing the Total TJPR15001 Jointer and Planer. The machine features a teal-colored main body with a silver-colored jointer table and fence. Red adjustment knobs are visible on the fence and table. A black dust collection port is located at the rear of the jointer table. The power switch, yellow with a red button, is located on the side of the main body.

4. SPECIFICATIONS

Feature	Specification
Voltage	220-240V, 50/60Hz
Input Power	1500W
Blade Speed	9000 rpm
Blade Size	210mm x 16.5mm

Feature	Specification
Maximum Cutting Width	204mm
Maximum Jointing Thickness	120mm
Maximum Planing Thickness	3mm
Jointer Table Size	740mm x 212mm
Planer Table Size	270mm x 204mm
Product Dimensions (L x W x H)	50 x 40 x 30 cm
Weight	5 Kilograms
Main Material	Aluminum

5. SETUP

Follow these steps to set up your Total TJPR15001 Jointer and Planer for first use:

- Unpacking:** Carefully remove all components from the packaging. Inspect for any shipping damage. Retain packaging for future transport or storage.
- Placement:** Position the machine on a sturdy, level workbench or stand capable of supporting its weight and resisting vibration during operation. Ensure adequate space around the machine for safe operation and material handling.
- Assembly:**
 - Attach the fence assembly to the jointer table using the provided hardware. Ensure it is securely fastened and can be adjusted for angle.
 - Connect the dust collection port to the machine. Ensure a tight fit to maximize dust extraction efficiency.
- Electrical Connection:** Before plugging in, ensure the power switch is in the "OFF" position. Connect the power cord to a grounded electrical outlet that matches the machine's voltage requirements.
- Initial Checks:** Manually rotate the cutterhead to ensure it spins freely without obstruction. Verify all guards are in place and functioning correctly.

6. OPERATING INSTRUCTIONS

This section details the operation of your jointer and planer functions. Always wear appropriate PPE.

6.1. Jointing Operation

- Adjusting Depth of Cut:** Use the adjustment knob to set the desired depth of cut for the jointer. For most applications, a shallow cut (e.g., 1-2mm) is recommended per pass.
- Adjusting Fence:** Set the fence to the desired angle (typically 90 degrees for squaring edges). Ensure it is locked securely.
- Power On:** Turn on the machine. Allow the cutterhead to reach full speed before feeding material.
- Feeding Workpiece:** Place the workpiece flat on the infeed table. Apply firm, even pressure to feed the wood smoothly over the cutterhead. Use push blocks for safety, especially with shorter pieces. Maintain consistent

feed rate for best results.

5. **Multiple Passes:** For significant material removal, make multiple shallow passes rather than one deep pass.

6.2. Planing Operation

1. **Converting to Planer Mode:** Follow the manufacturer's instructions for converting the machine from jointer to planer mode. This typically involves raising the jointer table and securing it, and lowering the planer table.
2. **Adjusting Planing Depth:** Use the planer table adjustment crank to set the desired thickness. The maximum planing thickness is 3mm per pass.
3. **Power On:** Turn on the machine. Allow the cutterhead to reach full speed.
4. **Feeding Workpiece:** Place the workpiece on the planer table and feed it into the machine. The feed rollers will automatically pull the wood through. Ensure the board is flat and stable before feeding.
5. **Support:** Support long workpieces at both the infeed and outfeed ends to prevent snipe (uneven cuts at the ends).

7. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your Total TJPR15001. Always unplug the machine before performing any maintenance.

- **Cleaning:** After each use, clear all sawdust and chips from the tables, fence, and cutterhead area. Use a brush or compressed air. Ensure the dust collection port is clear.
- **Blade Inspection and Replacement:** Regularly inspect the blades for sharpness, nicks, or damage. Dull or damaged blades can lead to poor cut quality and increased motor strain. Replace blades as a set to maintain balance. Refer to the specific instructions in your machine's detailed manual for blade replacement procedures.
- **Lubrication:** Periodically lubricate moving parts, such as height adjustment screws and table slides, with a dry lubricant or light machine oil as recommended by the manufacturer.
- **Table Care:** Keep the jointer and planer tables clean and waxed (using a non-silicone wax) to ensure smooth feeding of workpieces.
- **Storage:** Store the machine in a clean, dry environment, protected from dust and moisture.

8. TROUBLESHOOTING

This section addresses common issues you might encounter. For problems not listed here, contact customer support.

Problem	Possible Cause	Solution
Machine does not start	No power supply; tripped circuit breaker; faulty switch.	Check power connection; reset circuit breaker; inspect switch for damage.
Poor cut quality (rough surface, tear-out)	Dull or damaged blades; incorrect depth of cut; inconsistent feed rate; feeding against grain.	Replace blades; reduce depth of cut; maintain steady feed; feed with the grain.
Excessive vibration or noise	Loose components; unbalanced blades; worn bearings.	Tighten all fasteners; ensure blades are correctly installed and balanced; contact service for bearing issues.

Problem	Possible Cause	Solution
Wood not feeding smoothly	Dirty or sticky tables; worn feed rollers (planer); insufficient pressure (jointer).	Clean and wax tables; inspect and clean feed rollers; apply firm, even pressure.
Dust collection ineffective	Clogged dust port or hose; dust collector not powerful enough.	Clear obstructions; ensure proper connection to dust collector; use a more powerful dust collection system if needed.

9. WARRANTY AND SUPPORT

For information regarding warranty coverage, technical support, or replacement parts for your Total TJPR15001 Jointer and Planer, please refer to the warranty card included with your purchase or contact Total customer service directly. Keep your purchase receipt as proof of purchase.

Related Documents

 <p>TOTAL TS730301 Band Saw User Manual and Safety Guide</p> <p>Comprehensive guide to the TOTAL TS730301 Band Saw, covering safety instructions, operation, maintenance, and troubleshooting. Learn how to safely and effectively use your band saw for various cutting tasks.</p>	
 <p>TOTAL TG111165 Hammer Drill User Manual and Safety Guide</p> <p>This document provides comprehensive safety instructions, operating procedures, technical specifications, and maintenance guidance for the TOTAL TG111165 Hammer Drill. Learn how to safely use, set up, and care for your 1050W hammer drill.</p>	
 <p>TOTAL TS3006 300W Multitool: Safety, Usage, and Maintenance Guide</p> <p>Comprehensive guide for the TOTAL TS3006 300W Multitool, covering safety instructions, product description, setup, mounting, maintenance, troubleshooting, and technical specifications.</p>	



[TOTAL Demolition Hammer TH215002 User Manual and Safety Instructions](#)

Comprehensive guide for the TOTAL Demolition Hammer TH215002, including safety instructions, technical data, product description, setup, maintenance, and environmental considerations.

Documents - Total – TJPR15001



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