

Metabo DH 330 (0200033000)

Metabo DH 330 Planer User Manual

Model: DH 330 (0200033000) | Brand: Metabo

1. PRODUCT OVERVIEW

The Metabo DH 330 planer is a robust and efficient tool designed for precise thickness planing of wood. Its compact design and stable construction make it suitable for both stationary workshop use and mobile applications. This machine ensures uniform workpiece feed and accurate material removal, making it an essential tool for woodworking professionals and enthusiasts.

Key Features:

- **Mobile Design:** Ideal for portable use due to its low weight.
- **Stable Transmission:** Ensures uniform workpiece feed for consistent results.
- **Convenient Height Adjustment:** Easy and precise height setting via a crank handle.
- **Locking Points:** Facilitates quick adjustment of common passage heights.
- **Powerful Motor:** Equipped with a robust universal motor for strong drive and uniform planing performance.
- **Restart Protection:** Prevents accidental startup after a power interruption, enhancing safety.
- **Precise Chip Thickness Adjustment:** Allows for fast and accurate material removal.
- **Extended Support Tables:** Large infeed and outfeed tables provide excellent support for long workpieces.
- **Planer Lock:** Prevents unintentional changes to the chip setting during operation.



Figure 1: Front view of the Metabo DH 330 Planer, showcasing its compact design and control panel.

2. SAFETY INSTRUCTIONS

Always adhere to general power tool safety guidelines and specific instructions provided in this manual to prevent injury and damage. Keep this manual accessible for future reference.

- **Read the Manual:** Familiarize yourself with all controls and safety features before operation.
- **Wear Personal Protective Equipment (PPE):** Always wear safety glasses, hearing protection, and a dust mask. Avoid loose clothing or jewelry that could get caught in moving parts.
- **Maintain Work Area:** Keep the work area clean, well-lit, and free of clutter. Ensure adequate space around the machine.
- **Secure Workpiece:** Always ensure the workpiece is properly supported and stable before feeding it into the planer.
- **Use Push Sticks:** Always use a push stick when feeding small workpieces or when your hands are close to the cutter head.
- **Disconnect Power:** Always disconnect the power supply before making adjustments, changing blades, or performing maintenance.

- **Avoid Overreaching:** Maintain proper footing and balance at all times.
- **Never Bypass Safety Devices:** Do not modify or remove any safety guards or features.
- **Supervise Others:** Do not allow untrained persons or children to operate the machine.

3. SETUP

3.1 Unpacking and Inspection

1. Carefully remove the planer from its packaging.
2. Inspect the machine for any signs of damage that may have occurred during transit. Report any damage to your supplier immediately.
3. Verify that all components listed in the package contents are present: the DH 330 planer, 2 integrated HSS reversible planer blades (pre-installed), a push stick, and a dust extraction adapter.

3.2 Placement and Stability

- Place the planer on a stable, level workbench or stand capable of supporting its weight (approximately 35 kg).
- Ensure the machine is securely fastened to prevent movement during operation.
- Allow sufficient clear space around the planer for feeding and receiving workpieces, especially long ones.



Figure 2: Top view of the Metabo DH 330 Planer with infeed and outfeed tables extended, illustrating the support for long workpieces.

3.3 Dust Extraction Connection

- Connect a suitable dust extraction system to the provided dust extraction adapter. Planing generates a significant amount of chips and dust, which must be effectively removed for safety and machine longevity.

- Ensure the dust collection bag or container is empty before starting work.



Figure 3: Side view of the Metabo DH 330 Planer, highlighting the dust extraction port for connection to a dust collection system.

4. OPERATING INSTRUCTIONS

4.1 Power Connection

- Ensure the planer is connected to a power supply that matches the voltage and frequency specifications of the machine (240 Volts, 1800 Watts).
- The machine features restart protection, preventing it from starting automatically after a power interruption. You must manually restart the machine.

4.2 Adjusting Planing Depth

1. Use the crank handle to adjust the planing height. Turn the crank clockwise to decrease the planing depth (thinner workpiece) and counter-clockwise to increase it (thicker workpiece).
2. Refer to the integrated scale for precise depth measurement. The maximum chip removal is 0-3 mm per pass.
3. Utilize the locking points for quick and repeatable adjustments to common passage heights.
4. Engage the planer lock to prevent unintentional changes to the chip setting during operation.



Figure 4: Close-up view of the depth adjustment scale and crank handle on the Metabo DH 330, showing precise measurement markings.



Figure 5: Detail of the planer lock mechanism on the Metabo DH 330, used to secure the planing depth setting.

4.3 Feeding Workpiece

- Ensure the workpiece is free of nails, screws, or other foreign objects that could damage the blades.
- Place the workpiece flat on the infeed table.
- Turn on the planer.
- Carefully feed the workpiece into the planer, maintaining even pressure. The stable transmission will ensure a uniform feed.
- For long workpieces, utilize the extended infeed and outfeed tables for continuous support.
- Always use the push stick provided when feeding shorter workpieces or when your hands are near the cutter head.



Figure 6: A user carefully feeding a wooden plank into the Metabo DH 330 planer, demonstrating proper technique.

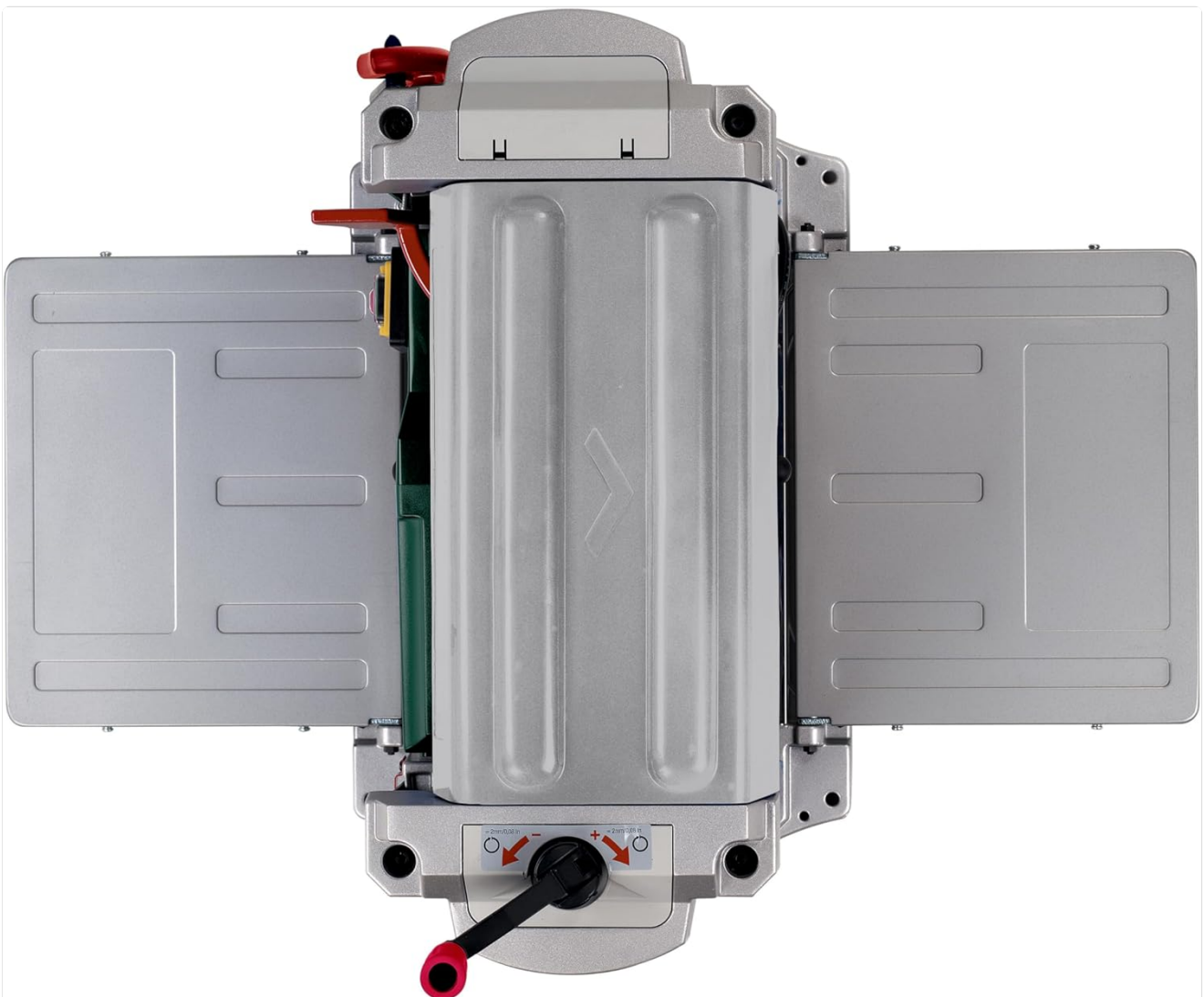


Figure 7: A planed wooden plank exiting the Metabo DH 330 planer, showing the smooth finish achieved.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Metabo DH 330 planer. Always disconnect the machine from the power supply before performing any maintenance tasks.

5.1 Cleaning

- After each use, clean the machine thoroughly, especially the infeed and outfeed tables, and the area around the cutter head.
- Remove all wood chips and dust using a brush or vacuum cleaner. Do not use compressed air as it can force dust into bearings.
- Ensure the dust extraction port is clear of blockages.

5.2 Blade Replacement

- The Metabo DH 330 uses 2 integrated HSS reversible planer blades. When one side becomes dull, the blade can be flipped to use the other sharp edge.
- Refer to the detailed instructions in the manufacturer's supplementary documentation for the specific procedure for blade removal and installation. Always use appropriate tools and wear protective gloves.
- Ensure replacement blades are genuine Metabo parts to maintain performance and safety.

5.3 Lubrication

- Periodically lubricate moving parts, such as the height adjustment mechanism, with a suitable machine lubricant to ensure smooth operation.
- Avoid over-lubrication, which can attract dust and debris.

6. TROUBLESHOOTING

This section addresses common issues you might encounter during the operation of your Metabo DH 330 planer. For problems not listed here, contact Metabo customer support or a qualified service technician.

Problem	Possible Cause	Solution
Machine does not start	No power supply; Restart protection activated; Faulty switch	Check power connection; Press ON button to restart; Contact service if switch is faulty.
Poor planing quality (e.g., uneven surface, tear-out)	Dull or damaged blades; Incorrect planing depth; Workpiece not properly supported; Feeding too fast	Replace or flip blades; Adjust planing depth (max 3mm per pass); Ensure workpiece is stable; Reduce feed rate.
Excessive vibration or noise	Loose components; Damaged blades; Unbalanced cutter head; Machine not stable	Check and tighten all fasteners; Inspect and replace blades if damaged; Contact service for cutter head issues; Secure machine to workbench.

Problem	Possible Cause	Solution
Dust extraction ineffective	Clogged dust port or hose; Full dust bag/container; Insufficient suction from dust collector	Clear blockages; Empty dust bag/container; Check dust collector for proper function.

7. TECHNICAL SPECIFICATIONS

Manufacturer	Metabo
Model Number	0200033000 (MPTDH330)
Dimensions (L x W x H)	579 x 857 x 574 mm (Product: 64L x 43W x 57H cm; Packaged: 25.2 x 16.93 x 22.44 cm)
Weight	35 Kilograms
Power Source	Manual Operation (implies corded electric, not battery)
Voltage	240 Volts
Power	1800 Watts
Planing Chip Removal (Depth of Cut)	0-3 mm
Blade Length	152 Millimeters
Speed	3000 rpm
Thickness Table Material	Cast Aluminum and Stainless Steel
Special Features	Depth Adjustment, Restart Protection
Included Components	DH 330 Planer, 2 HSS Reversible Planer Blades, Push Stick, Dust Extraction Adapter
Spare Parts Availability	1 Year

8. WARRANTY AND SUPPORT

Metabo provides a warranty for its products, covering defects in materials and workmanship. The specific terms and duration of your warranty may vary based on your region and purchase date. Please refer to the warranty card included with your product or visit the official Metabo website for detailed warranty information.

For technical assistance, spare parts, or service inquiries, please contact your authorized Metabo dealer or the Metabo customer service department. When contacting support, please have your model number (DH 330) and serial number ready.

Online Resources: For additional information, product registration, and FAQs, please visit the official Metabo

