

## Holzmann HOB260ECO-400V

# Holzmann HOB260ECO-400V Jointer Planer User Manual

Model: HOB260ECO-400V

## 1. INTRODUCTION

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This manual provides essential information for the safe and efficient operation, setup, and maintenance of your Holzmann HOB260ECO-400V Jointer Planer. Please read it thoroughly before operating the machine to ensure proper use and to prevent injury or damage.

The Holzmann HOB260ECO-400V is a combined jointer and planer machine designed for woodworking tasks, featuring a 250mm working width, a 400V motor, and 1500W power output. It is equipped with an adjustable aluminum fence, cast iron tables, and an automatic feed system.

## 2. SAFETY INSTRUCTIONS

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**Always prioritize safety.** Failure to follow these instructions may result in serious injury or death.

- **Personal Protective Equipment (PPE):** Always wear safety glasses, hearing protection, and appropriate work gloves. Avoid loose clothing, jewelry, and long hair that could get caught in moving parts.
- **Work Area:** Keep the work area clean, well-lit, and free from obstructions. Ensure adequate space around the machine for safe operation and material handling.
- **Electrical Safety:** This machine operates on 400V. Ensure proper electrical connections and grounding. Do not operate in damp or wet conditions. Disconnect power before making adjustments, changing blades, or performing maintenance.
- **Blade Safety:** The machine contains sharp blades. Handle them with extreme care. Ensure blade guards are always in place when operating. Never reach into the machine while it is running.
- **Workpiece Handling:** Always use push sticks or push blocks when feeding small workpieces. Ensure

the workpiece is free of knots, nails, or foreign objects. Maintain firm control of the workpiece throughout the operation.

- **Dust Extraction:** Connect a suitable dust extraction system to the 100mm dust port to maintain air quality and visibility. Wood dust can be a health hazard.
- **Machine Stability:** Ensure the machine is securely placed on a stable, level surface before operation. The robust welded steel frame provides stability.
- **Emergency Stop:** Familiarize yourself with the location and operation of the emergency stop switch.

### 3. COMPONENTS OVERVIEW

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The Holzmann HOB260ECO-400V Jointer Planer features several key components for its dual functionality:

- **Adjustable Aluminum Fence:** Tilts up to 45° for angled jointing. Dimensions: 700 x 130 mm.
- **Cast Iron Jointer Tables:** Pivoting (butterfly opening) design with noise-reducing lips. Dimensions: 1085 x 256 mm.
- **Planer Table:** For thickness planing. Dimensions: 590 x 245 mm.
- **Cutter Block:** Equipped with 3 HSS blades (250 x 30 x 3 mm). Diameter: 75 mm. Rotation speed: 4000 rpm.
- **Automatic Feed System:** Disengageable, with a feed rate of 5.5 m/min for planing.
- **Height Adjustment Handwheel:** For precise adjustment of the planer table height.
- **Dust Extraction Port:** 100 mm diameter for connecting a dust collector.
- **Motor:** 1500 W (S1 100%) motor, 400V.



*Figure 1: Overall view of the Holzmann HOB260ECO-400V Jointer Planer.*



Figure 2: Close-up of the jointer table and adjustable fence.

## 4. SETUP

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Before initial operation, ensure the machine is properly set up.

1. **Unpacking and Placement:** Carefully unpack the machine. Place it on a solid, level surface capable of supporting its 140 kg net weight.
2. **Electrical Connection:** Connect the machine to a 400V power supply. Ensure the electrical circuit is properly fused and grounded according to local regulations.
3. **Dust Extraction:** Attach a dust extraction hose (100mm diameter) to the machine's dust port. Proper dust collection is crucial for safety and machine performance.
4. **Initial Inspection:** Check all fasteners for tightness. Ensure all guards are correctly installed and functional. Verify that the cutter block rotates freely without obstruction.

## 5. OPERATING INSTRUCTIONS

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The HOB260ECO-400V functions as both a jointer and a planer. Always ensure the machine is in the correct configuration for the desired operation.

## 5.1. Jointing (Dégauchissage)

Jointing is used to flatten one face and square one edge of a workpiece.

1. **Configuration:** Ensure the planer table is lowered and the jointer tables are in position. The dust extraction flap should be set for jointing.
2. **Fence Adjustment:** Adjust the aluminum fence to the desired angle (90° for squaring, up to 45° for bevels). Secure the fence firmly.
3. **Depth of Cut:** Adjust the infeed table to set the desired depth of cut. The maximum depth of cut for jointing is 5 mm. Start with shallow cuts.
4. **Operation:** Turn on the machine. Place the workpiece on the infeed table, keeping it firmly against the fence. Slowly and steadily feed the workpiece over the cutter block, maintaining even pressure. Use push blocks for short or narrow pieces.

## 5.2. Planing (Rabotage)

Planing is used to achieve a uniform thickness and parallel faces on a workpiece.

1. **Configuration:** Pivot the jointer tables to switch to planing mode. Position the dust extraction flap for planing.
2. **Height Adjustment:** Use the handwheel to adjust the planer table height to the desired thickness. The planing height range is 6 mm to 195 mm.
3. **Depth of Cut:** The maximum depth of cut for planing is 2.5 mm. Avoid taking excessively deep cuts, especially on wide or hard material.
4. **Operation:** Turn on the machine. The automatic feed system (5.5 m/min) will pull the workpiece through. Guide the workpiece into the machine, ensuring it is flat on the planer table. Do not force the workpiece.

## 6. MAINTENANCE

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Regular maintenance ensures the longevity and safe operation of your machine.

- **Blade Replacement:** The machine is supplied with 3 HSS blades (250 x 30 x 3 mm). Replace dull or damaged blades promptly. Always disconnect power before changing blades. Use a magnetic blade setter for accurate alignment.
- **Cleaning:** After each use, clean the machine, especially the tables and dust extraction areas, to prevent sawdust buildup.
- **Lubrication:** Apply appropriate grease (e.g., SGM1, SGM2, SGM3) to the sliding surfaces of the tables to ensure smooth operation.
- **Belt Inspection:** Periodically check the double belt motor/shaft drive for wear and tension. Adjust or replace as necessary.
- **General Inspection:** Regularly inspect all moving parts, fasteners, and electrical connections for wear, damage, or looseness.

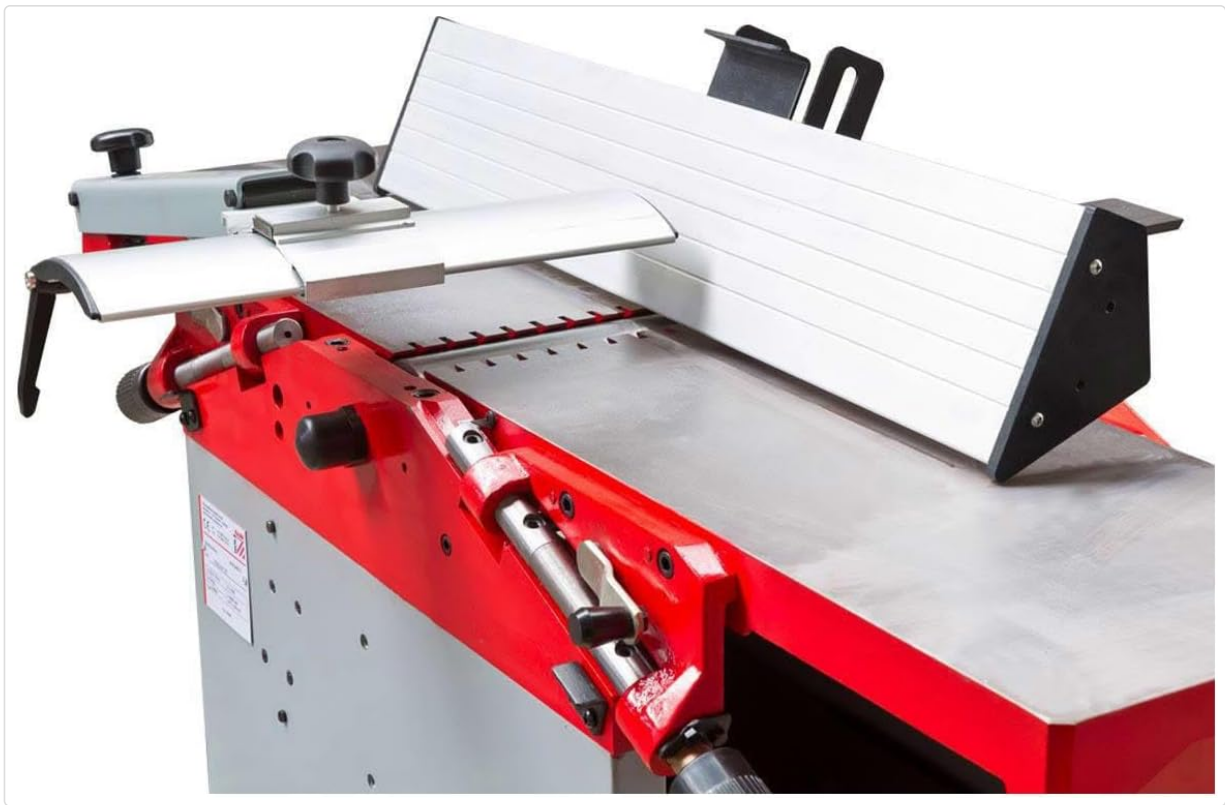


Figure 3: View of the dust extraction port and planer bed.

## 7. TROUBLESHOOTING

This section addresses common issues you might encounter.

Problem	Possible Cause	Solution
Machine does not start	No power supply; Emergency stop engaged; Faulty switch	Check power connection and circuit breaker; Disengage emergency stop; Contact qualified technician
Poor surface finish (jointing/planing)	Dull or damaged blades; Incorrect blade height; Uneven feed rate	Replace blades; Adjust blade height accurately; Maintain consistent feed pressure
Workpiece not feeding (planing)	Automatic feed disengaged; Feed rollers dirty or worn; Excessive depth of cut	Engage automatic feed; Clean or replace feed rollers; Reduce depth of cut
Excessive vibration or noise	Loose components; Unbalanced cutter block; Worn bearings	Check and tighten all fasteners; Inspect cutter block for damage; Contact service for bearing replacement

## 8. SPECIFICATIONS

Feature	Specification
Model Number	HOB260ECO-400V

Feature	Specification
Motor Power (S1 100%)	1500 W
Voltage / Frequency	400V
Cutter Block Speed	4000 rpm
Cutter Block Diameter	75 mm
Number of Blades	3
Blade Dimensions	250 x 30 x 3 mm
Jointing Width	250 mm
Jointer Table Dimensions	1085 x 256 mm
Max. Jointing Depth of Cut	5 mm
Fence Dimensions	700 x 130 mm
Fence Tilt	90° to 45°
Planing Width	245 mm
Planer Table Dimensions	590 x 245 mm
Planing Height Range	6 mm to 195 mm
Max. Planing Depth of Cut	2.5 mm
Feed Rate	5.5 m/min
Dust Port Diameter	100 mm
Net Weight	140 kg
Overall Dimensions (L x W x H)	108.4 x 47.2 x 105 cm

## 9. WARRANTY AND SUPPORT

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The Holzmann HOB260ECO-400V Jointer Planer comes with a **2-year warranty**. This warranty covers manufacturing defects but excludes wear parts. For warranty claims, technical support, or spare parts inquiries, please contact your authorized Holzmann dealer or the manufacturer directly.

Optional accessories available include: Mortising attachment K5260LL, additional blades, UFE 300 mobile base, dust extractor and hose, magnetic blade setter, and table sliding grease (SGM1, SGM2, SGM3).