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Holzmann HOB410N-400V

Holzmann HOB410N-400V Planer-Thicknesser Instruction Manual

Model: HOB410N-400V

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and setup of your Holzmann HOB410N-400V Planer-Thicknesser. Please read this manual thoroughly before operating the machine to ensure your safety and to achieve optimal performance. Keep this manual in a safe place for future reference.

Safety is paramount. Always follow all safety instructions and warnings provided in this manual and on the machine itself.

2. PRODUCT OVERVIEW

The Holzmann HOB410N-400V is a robust combination planer and thicknesser designed for woodworking tasks. It features a sturdy construction with rectified cast iron tables for precision and durability. Key components include an inclined planing guide, infeed and outfeed rollers for smooth material handling, and an independent emergency stop button for enhanced safety during thicknessing operations.



Figure 1: Main view of the Holzmann HOB410N-400V Planer-Thicknesser, showcasing its robust design and primary components.

3. SETUP

3.1 Unpacking and Placement

1. Carefully unpack the machine and all its components. Retain packaging for potential future transport.
2. Place the planer-thicknesser on a stable, level surface capable of supporting its weight (approximately 399 kg). Ensure adequate working space around the machine.
3. Verify all included accessories are present: 4 blades, dressing guide, and shaft protector.

3.2 Electrical Connection

- The machine requires a 400 V, 50 Hz power supply.
- Ensure the electrical circuit is properly grounded and protected by a suitable circuit breaker (rated for 7.5 A or higher).
- Connect the machine to the power supply using an appropriate industrial plug.

3.3 Dust Extraction

Connect a dust extraction system to the 100 mm diameter dust port to maintain a clean working environment and ensure efficient chip removal.

4. OPERATING INSTRUCTIONS

4.1 Planing (Jointing) Operation

- Adjust the planing tables for the desired depth of cut, up to a maximum of 3 mm. The graduated system allows for precise adjustments.
- Position the inclined planing guide to the required angle.
- Feed the workpiece smoothly across the tables, maintaining firm contact with the guide and tables.
- Maximum planing width is 410 mm.

4.2 Thicknessing Operation

- Engage the thicknessing function. The thicknesser table is supported by two cylinders for stability.
- Adjust the thicknesser table to the desired height. The maximum thicknessing height is 220 mm.
- The machine features an automatic feed speed of 8 meters per minute.
- Maximum thicknessing width is 405 mm.
- Utilize the independent emergency stop button for the thicknessing function if immediate shutdown is required.



Figure 2: Close-up view of the infeed and outfeed rollers and the blade area, crucial for smooth material processing.

5. MAINTENANCE

5.1 General Cleaning

After each use, clean the machine thoroughly, especially the tables and chip collection areas, to prevent buildup and ensure smooth operation. Disconnect power before cleaning.

5.2 Blade Replacement

- Always disconnect the machine from the power supply before attempting blade replacement.
- The machine uses 4 blades, each measuring 410 x 30 x 3 mm.
- Follow the specific instructions in the detailed manual for safe blade removal and installation. A magnetic blade setter (e.g., MEL2, available separately) can assist with precise alignment.
- Ensure blades are sharp and free from damage for optimal cutting performance and safety.

5.3 Lubrication

Regularly lubricate moving parts, especially the sliding mechanisms of the tables. Use appropriate grease (e.g., SGM1-SGM2-SGM3, available separately) to ensure smooth adjustments and prevent wear.

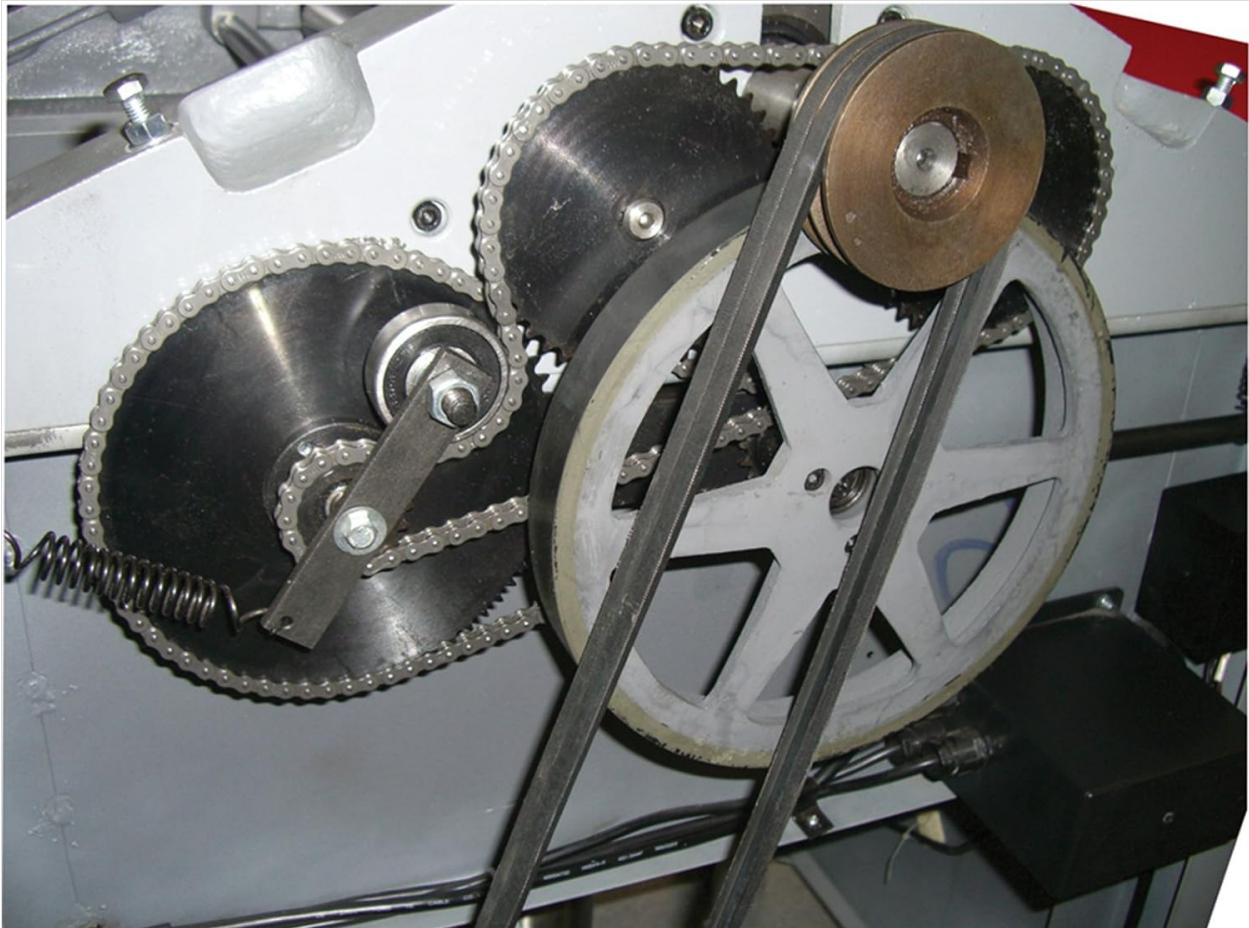


Figure 3: View of the internal drive mechanism, including chains and belts, which require periodic inspection and maintenance.

6. TROUBLESHOOTING

- **Machine does not start:** Check power connection, circuit breaker, and emergency stop button status.
- **Poor planing/thicknessing quality:** Inspect blades for sharpness and damage. Ensure tables are clean and properly adjusted.
- **Excessive vibration or noise:** Check for loose components, worn bearings, or unbalanced cutter block.
- **Material not feeding smoothly:** Clean infeed/outfeed rollers. Check for obstructions or excessive resin buildup.

For persistent issues, consult a qualified technician or contact Holzmann customer support.

7. SPECIFICATIONS

Feature	Specification
Model	HOB410N-400V
Motor Power S1 (100%)	3000 W
Voltage - Frequency	400 V - 50 Hz
Amperage	7.5 A
Number of Blades	4
Blade Dimensions	410 x 30 x 3 mm
Cutter Block Speed	4000 rpm
Cutter Block Diameter	100 mm
Max. Planing Depth (Jointing)	3 mm
Total Length of Jointing Tables	1600 mm
Max. Jointing Width	410 mm
Max. Thicknessing Width	405 mm
Max. Thicknessing Height	220 mm
Feed Speed	8 m/min
Dust Port Diameter	100 mm
Machine Weight	399 kg
Material	Cast Iron

Note: Specifications are subject to change without notice for product improvement.

8. OPTIONAL ACCESSORIES

The following accessories are available separately to enhance the functionality of your machine:

- Spare Blades (Fers)
- Magnetic Blade Setter (MEL2)
- Grease for Table Sliding (SGM1-SGM2-SGM3)
- Dust Extractors (Aspirateurs)
- Roller Stands (Servantes)
- Mortising Attachment (HOBLL34)

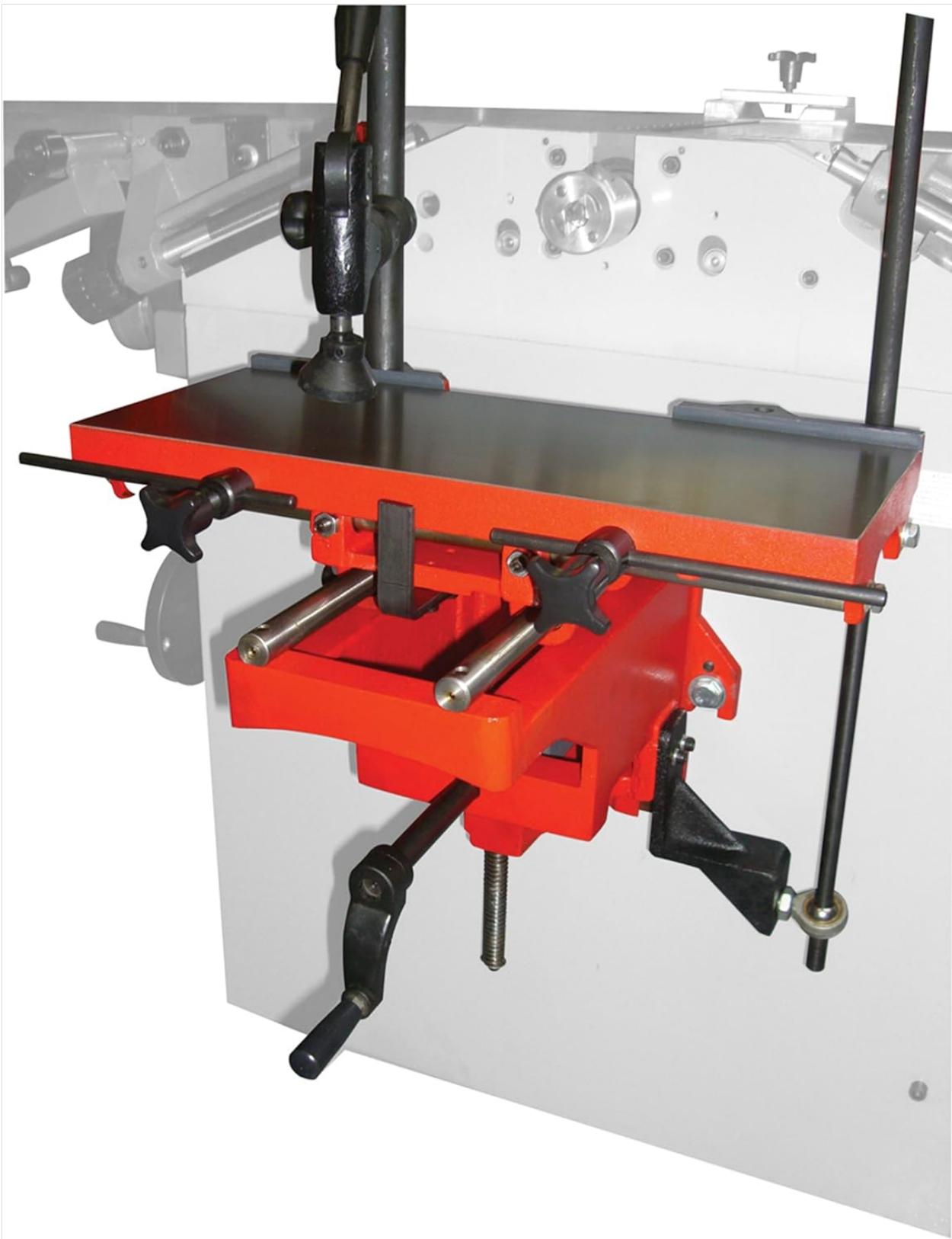


Figure 4: The machine shown with an optional mortising attachment, which can be purchased separately to expand its capabilities.

9. WARRANTY AND SUPPORT

The Holzmann HOB410N-400V Planer-Thicknesser 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 customer service with your model number and purchase details.

For more information, visit the official Holzmann website or contact your local distributor.

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This manual is for informational purposes only. Holzmann reserves the right to make changes to the product and manual without prior notice.

Related Documents - HOB410N-400V

	<p><u>Holzmann HOB305PROSMW2 Combined Planer and Thicknesser Manual</u></p> <p>Operating manual for the Holzmann HOB305PROSMW2 combined planer and thicknesser with spiral cutter head. Includes safety instructions, technical specifications, assembly, operation, maintenance, and troubleshooting.</p>
	<p><u>HOLZMANN FS300 400V Spindle Shaper Operating Manual</u></p> <p>This manual provides essential information and instructions for the safe installation and operation of the HOLZMANN FS300 400V spindle shaper. It covers technical specifications, safety guidelines, assembly procedures, electrical connections, and troubleshooting.</p>
	<p><u>HOLZMANN MS7000_230V Grinder for Planer Knives User Manual</u></p> <p>This document provides comprehensive user instructions, safety guidelines, technical specifications, and maintenance information for the HOLZMANN MS7000_230V Grinder for Planer Knives.</p>
	<p><u>HOLZMANN TS 250 Tischkreissäge / Table Saw User Manual</u></p> <p>Comprehensive user manual for the HOLZMANN TS 250 Table Saw, covering operation, assembly, safety guidelines, technical specifications, and maintenance. Essential reading for safe and effective use of this woodworking tool.</p>
	<p><u>HOLZMANN HBS610 Wood Bandsaw: User Manual and Technical Specifications</u></p> <p>Comprehensive user manual and technical specifications for the HOLZMANN HBS610_230V and HBS610_400V wood bandsaws, covering safety, operation, maintenance, and troubleshooting.</p>



[Holzmann OBF1200_230V Router User Manual](#)

User manual for the Holzmann OBF1200_230V router, providing information on operation, safety, technical data, and spare parts.