

Manuals.plus /

› holzstar /

› holzstar UMK 5-260 5946026 Universal Combination Machine 400 V User Manual

holzstar UMK 5-260

holzstar UMK 5-260 5946026 Universal Combination Machine 400 V

User Manual

1. INTRODUCTION AND SAFETY INFORMATION

This manual provides essential information for the safe and efficient operation, setup, and maintenance of your holzstar UMK 5-260 5946026 Universal Combination Machine. Please read this manual thoroughly before operating the machine to ensure your safety and prolong the life of the equipment.

1.1 General Safety Warnings

- Always wear appropriate personal protective equipment (PPE), including safety glasses, hearing protection, and dust mask.
- Ensure the work area is clean, well-lit, and free from obstructions.
- Never operate the machine under the influence of drugs, alcohol, or medication.
- Keep children and unauthorized persons away from the machine.
- Disconnect power before performing any maintenance, adjustments, or cleaning.

1.2 Electrical Safety (400 V)

- This machine operates on a 400 V three-phase power supply. Ensure your electrical installation is compatible and properly grounded.
- All electrical connections must be performed by a qualified electrician.
- Inspect the power cord and plug for damage before each use. Do not use if damaged.
- Do not expose the machine to rain or wet conditions.

2. SETUP AND ASSEMBLY

The holzstar UMK 5-260 is a robust machine that requires proper setup for optimal performance and safety. Follow these steps carefully.

2.1 Unpacking and Inspection

Carefully unpack all components. Check for any shipping damage. Report any damage to your supplier immediately. Verify all parts listed in the packing list are present.

2.2 Machine Placement

Place the machine on a stable, level surface capable of supporting its weight. Ensure sufficient space around the machine for safe operation and material handling.



Figure 2.1: Front view of the Holzstar UMK 5-260, showing the main machine body and sliding table assembly.

2.3 Electrical Connection

Connect the machine to a dedicated 400 V, three-phase power supply with appropriate circuit protection. Consult a qualified electrician for this step. Ensure the motor rotation direction is correct for all functions (saw, planer, thicknesser, spindle moulder).

2.4 Dust Extraction Connection

Connect a suitable dust extraction system to the machine's dust ports. Proper dust extraction is crucial for safety and machine longevity.



Figure 2.2: Rear view of the Holzstar UMK 5-260, highlighting the dust extraction hose connection point.

3. OPERATING INSTRUCTIONS

The UMK 5-260 combines multiple woodworking functions. Always ensure the correct guards are in place for the operation being performed.

3.1 Sawing Function

- Ensure the saw blade is sharp and correctly installed.
- Adjust the saw blade height and tilt for the desired cut.
- Use the sliding table and rip fence for accurate cuts.
- Always use the blade guard.

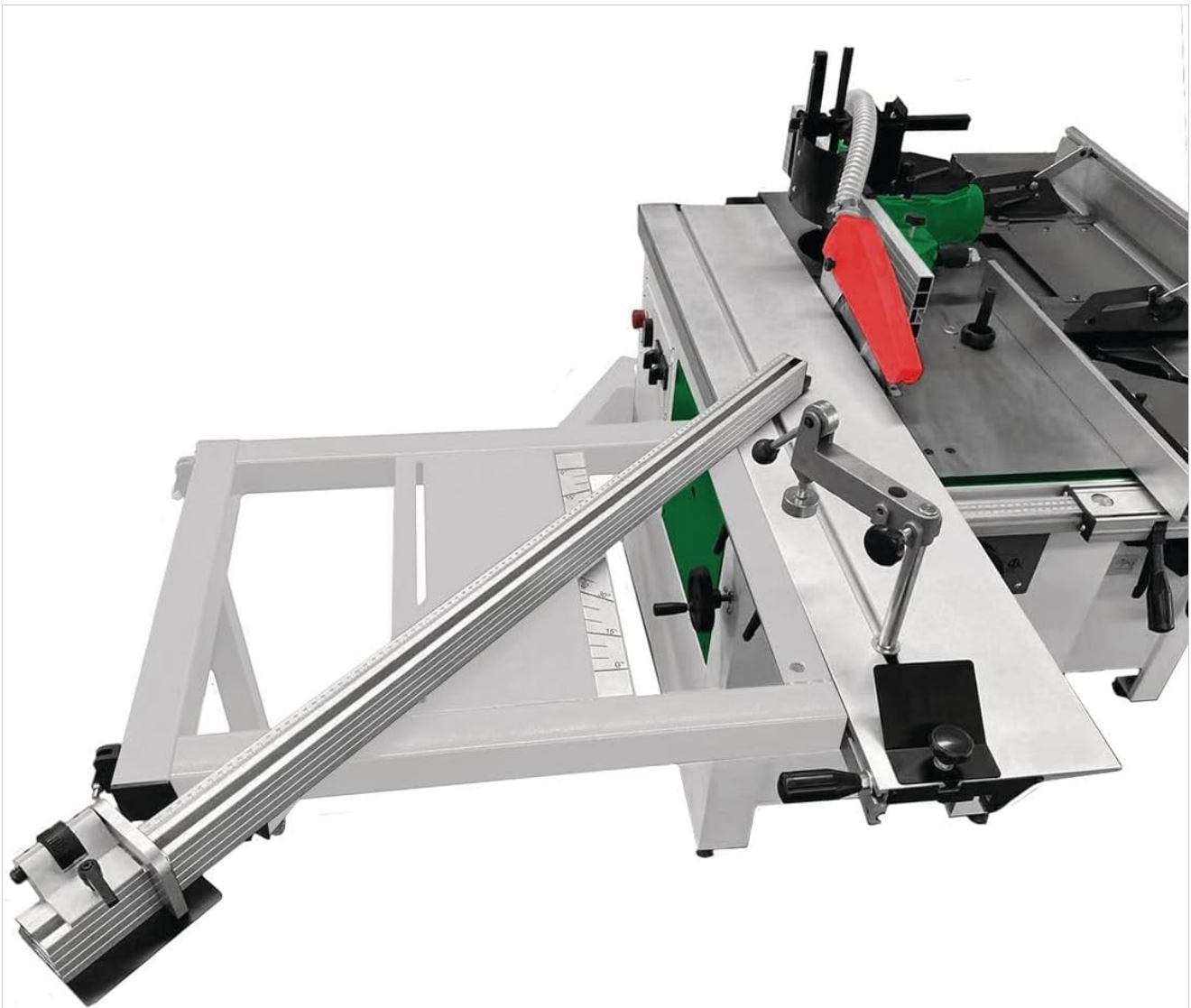


Figure 3.1: Detailed view of the sliding table and crosscut fence, essential for precise sawing operations.

3.2 Planing and Thicknessing Function

- Ensure the planer knives are sharp and properly set.
- Adjust the infeed and outfeed tables for planing.
- For thicknessing, adjust the thicknessing table to the desired material thickness.
- Always use push blocks when feeding small workpieces.

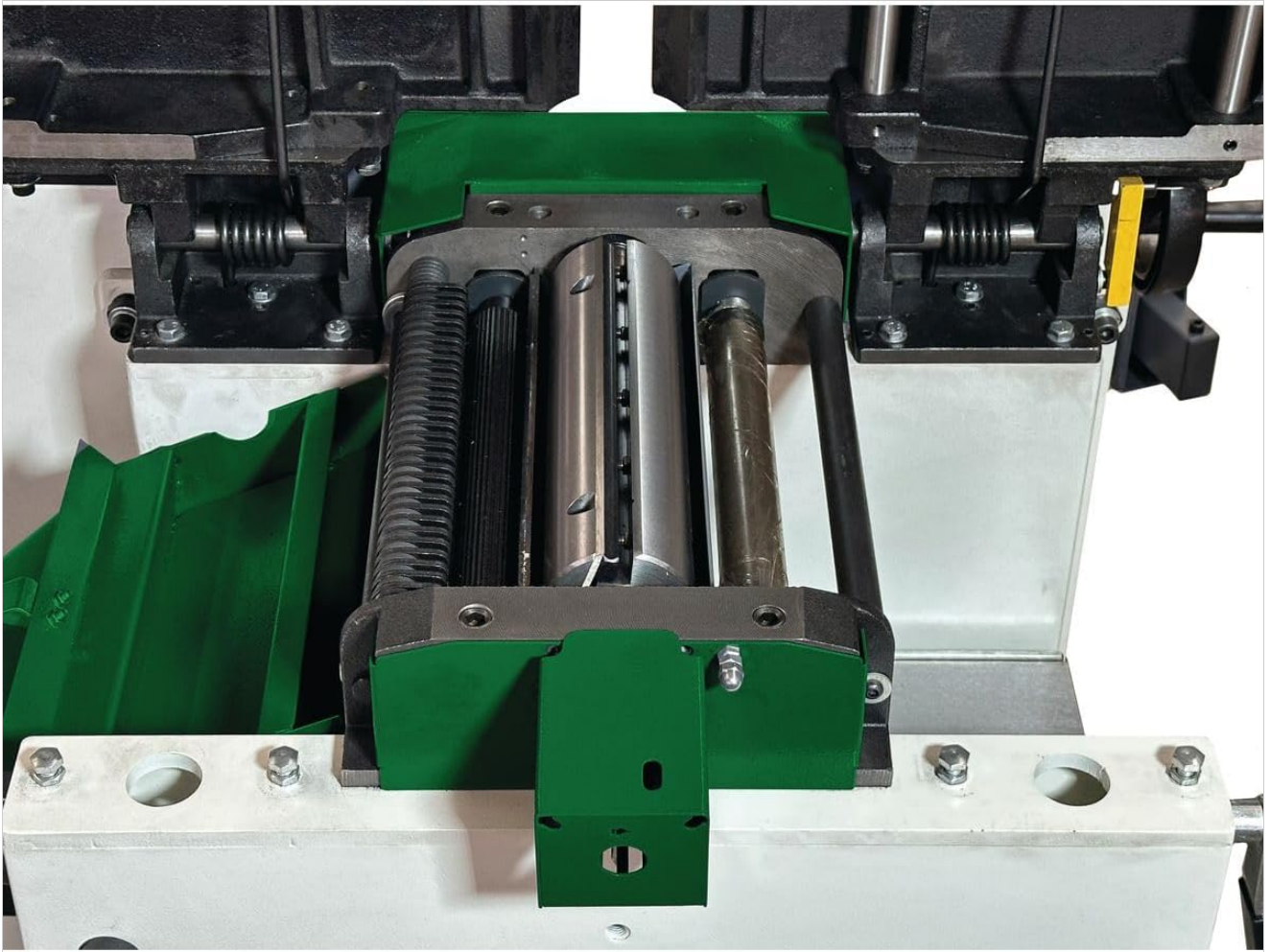


Figure 3.2: View of the planer cutter head and feed rollers, critical components for smooth planing and thickening.

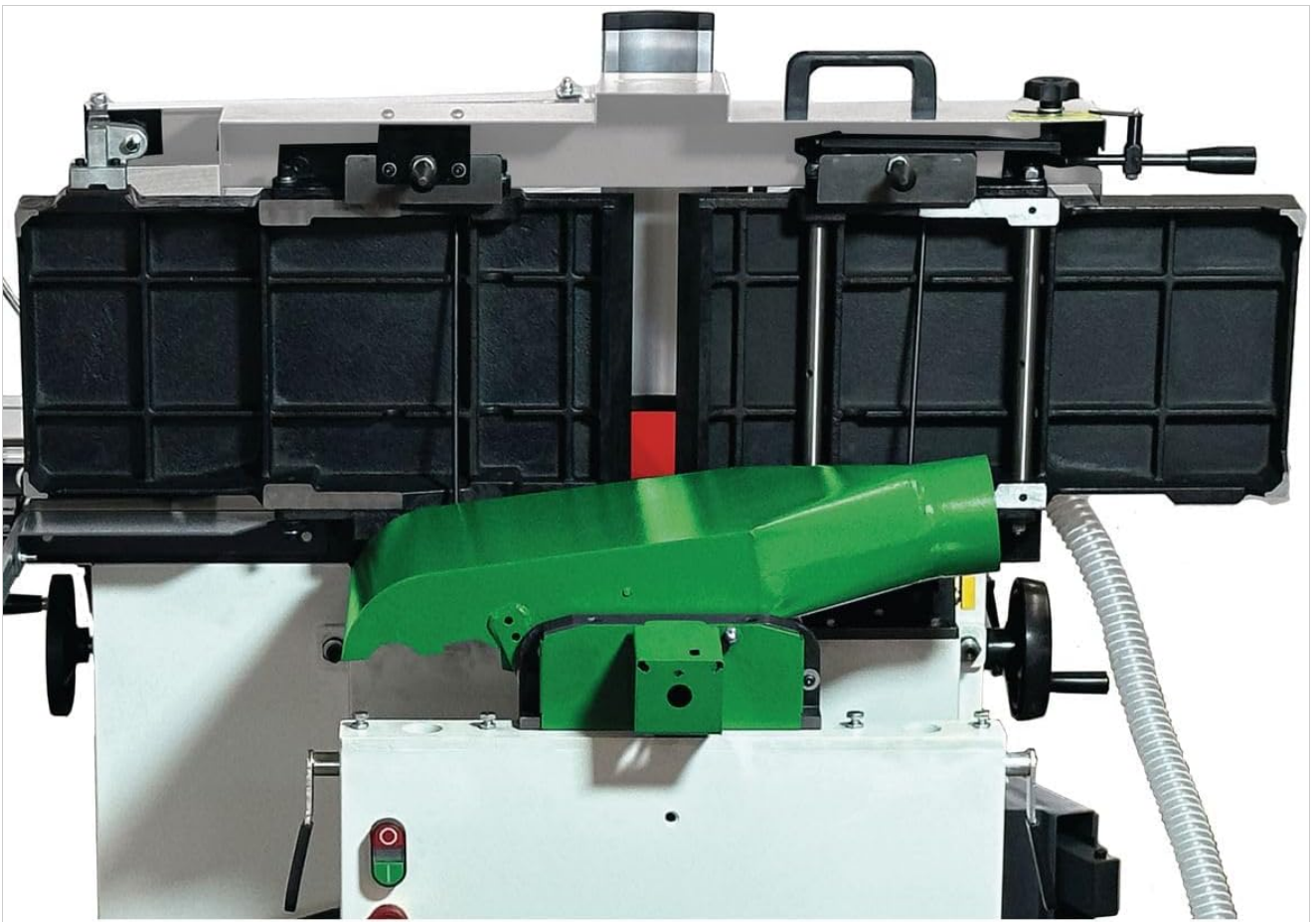


Figure 3.3: The planer tables with the dust hood in position, demonstrating the setup for chip extraction during planing.

4. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your holzstar UMK 5-260.

4.1 Cleaning

- After each use, clean the machine thoroughly, removing sawdust and chips.
- Use compressed air to clean hard-to-reach areas, ensuring power is disconnected.
- Clean resin buildup from tables and fences using appropriate cleaners.

4.2 Lubrication

Regularly lubricate moving parts, lead screws, and sliding mechanisms as indicated in the machine's lubrication points diagram (refer to the full printed manual for specific points).

4.3 Blade and Knife Replacement

Replace saw blades and planer knives when they become dull or damaged. Always use original holzstar replacement parts or equivalents. Follow safety procedures for blade/knife changes.

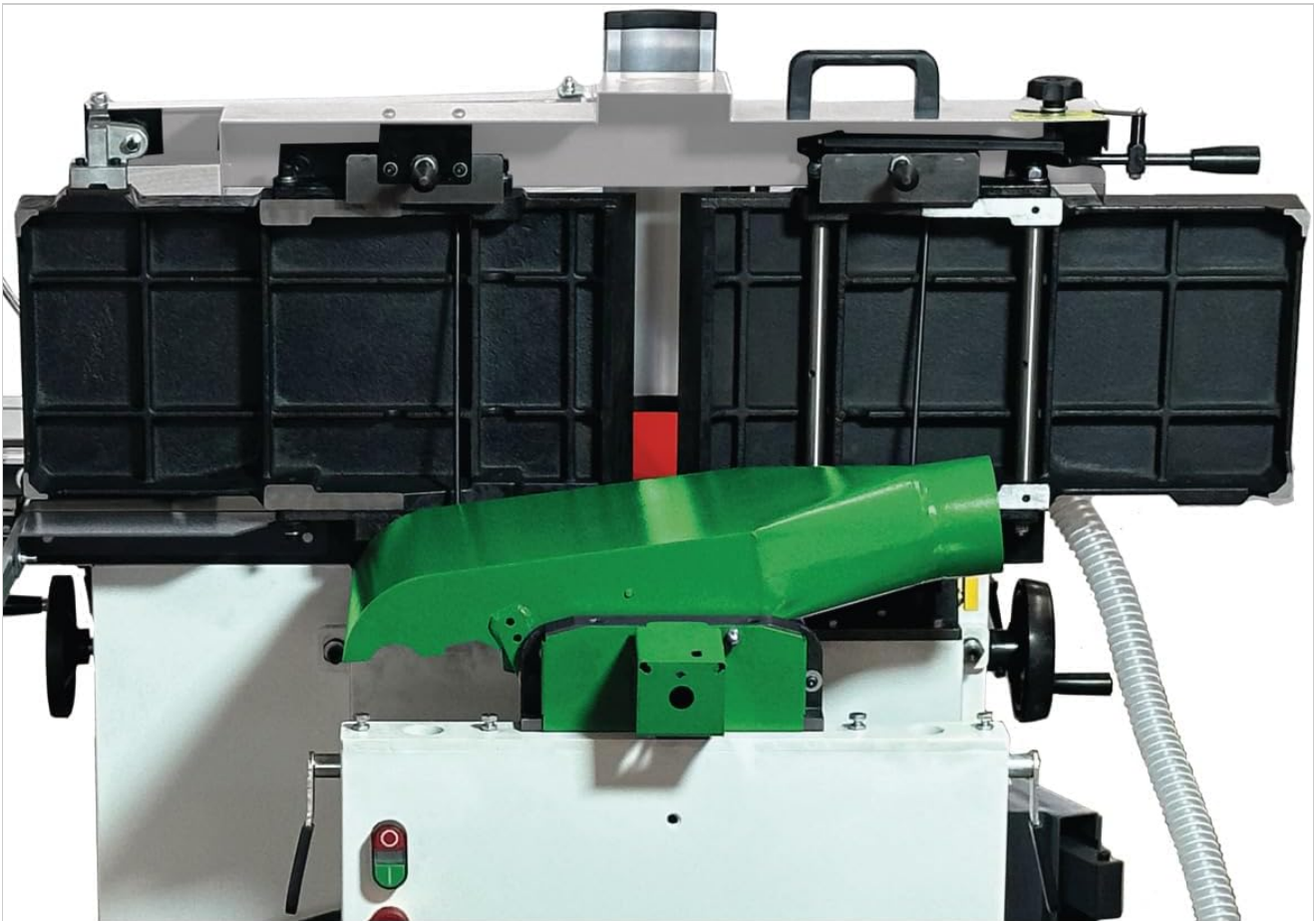


Figure 4.1: Detailed view of the planer's internal components, including feed rollers and the cutter head, which require regular inspection and maintenance.

5. TROUBLESHOOTING

This section provides solutions to common issues you might encounter.

Problem	Possible Cause	Solution
Machine does not start	No power supply Emergency stop engaged Thermal overload tripped	Check power connection and circuit breaker Release emergency stop button Allow motor to cool, then reset
Poor cut quality (sawing/planing)	Dull blade/knives Incorrect blade/knife setting Improper feed rate	Replace or sharpen blade/knives Adjust blade/knife settings according to manual Adjust feed rate for material type
Excessive vibration/noise	Loose components Unbalanced blade/cutter head Worn bearings	Check and tighten all fasteners Inspect blade/cutter head for damage or imbalance Contact qualified service technician

6. SPECIFICATIONS

Key technical specifications for the holzstar UMK 5-260 5946026.

Feature	Detail
Model	UMK 5-260
Part Number	5946026
Brand	holzstar
Voltage	400 V (Three-phase)
Type	Universal Combination Machine
Date First Available (Amazon.com.be)	April 5, 2024

7. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided with your purchase or contact your authorized holzstar dealer. For technical support, spare parts, or service, please contact the holzstar customer service department or your local distributor. Always provide the model number (UMK 5-260) and serial number of your machine when seeking support.

You can find more information and contact details on the official holzstar website: www.holzstar.com