

## holzstar 5946025

# Holzstar UMK 5-260 Universal Multi-Combination Machine Instruction Manual

Model: 5946025

[Introduction](#)

[Safety Instructions](#)

[Setup](#)

[Operation](#)

[Maintenance](#)

[Troubleshooting](#)

[Specifications](#)

## 1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, setup, and maintenance of your Holzstar UMK 5-260 Universal Multi-Combination Machine. Please read this manual thoroughly before operating the machine to ensure proper use and to prevent injury or damage.

The Holzstar UMK 5-260 is a versatile woodworking machine designed for various tasks including planing, thickening, sawing, and potentially other functions depending on the configuration. It operates on a 230V power supply.

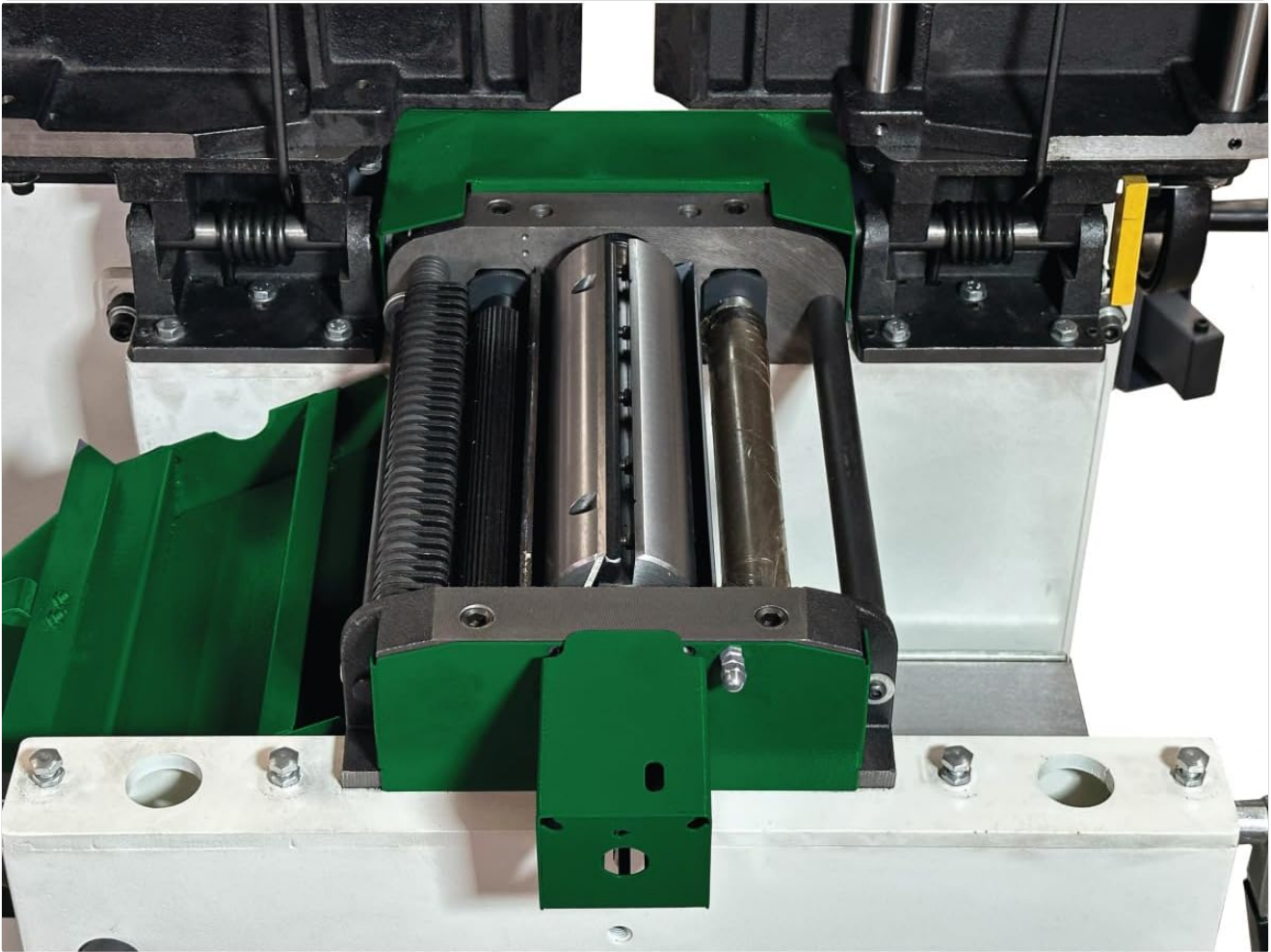


Figure 1: Overview of the Holzstar UMK 5-260 Universal Multi-Combination Machine. This image shows the complete machine with its various components, including the sliding table and main body.

## 2. SAFETY INSTRUCTIONS

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**WARNING:** Failure to follow these safety instructions may result in serious injury or death.

- Always wear appropriate personal protective equipment (PPE), including safety glasses, hearing protection, and dust mask.
- Ensure the machine is properly grounded and connected to a suitable power supply (230V).
- Keep the work area clean and well-lit. Cluttered areas invite accidents.
- Do not operate the machine under the influence of drugs, alcohol, or medication.
- Keep hands and fingers away from moving parts, especially blades and cutter blocks.
- Use push sticks or push blocks when feeding small workpieces.
- Ensure all guards are in place and functioning correctly before operation.
- Disconnect power before performing any adjustments, maintenance, or when changing accessories.
- Never leave the machine unattended while it is running.
- Securely fasten all workpieces before cutting or planing.
- Regularly inspect the machine for damaged parts and replace them immediately.

## 3. SETUP AND INSTALLATION

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### 3.1 Unpacking

Carefully remove the machine from its packaging. Inspect all components for any signs of damage during transit. Retain packaging materials for future transport or storage.

### 3.2 Placement

Place the machine on a stable, level surface capable of supporting its weight. Ensure adequate clearance around the machine for safe operation and material handling. The machine requires a 230V power connection.

### 3.3 Assembly (if required)

Follow the specific assembly instructions provided in the separate assembly guide for attaching components such as the sliding table, fences, and dust extraction ports. Ensure all fasteners are tightened securely.

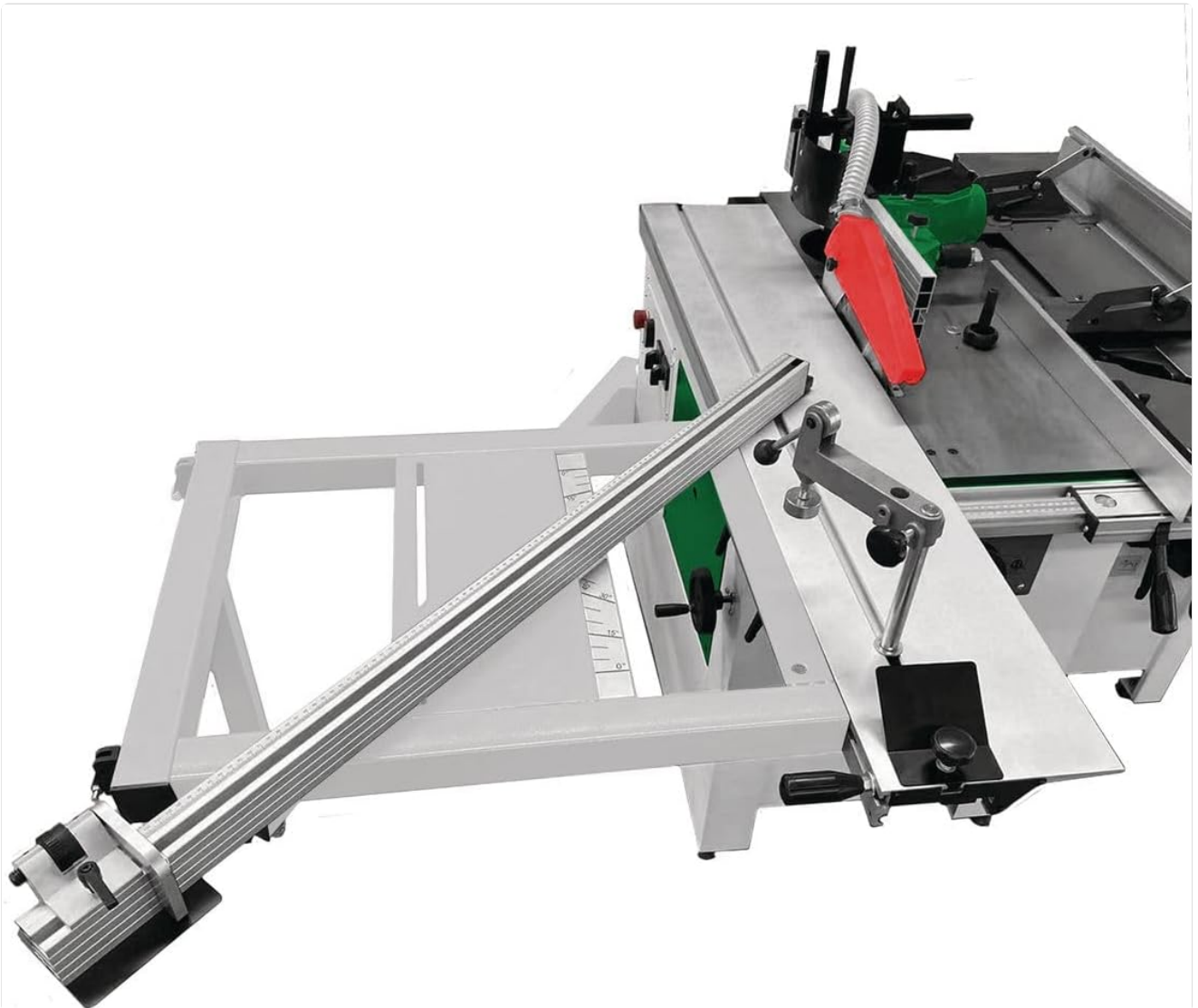


Figure 2: The machine configured with the sliding table saw. This view highlights the extended support for larger workpieces during cutting operations.

### 3.4 Dust Extraction

Connect a suitable dust extraction system to the machine's dust ports. Proper dust extraction is critical for operator safety and machine performance.

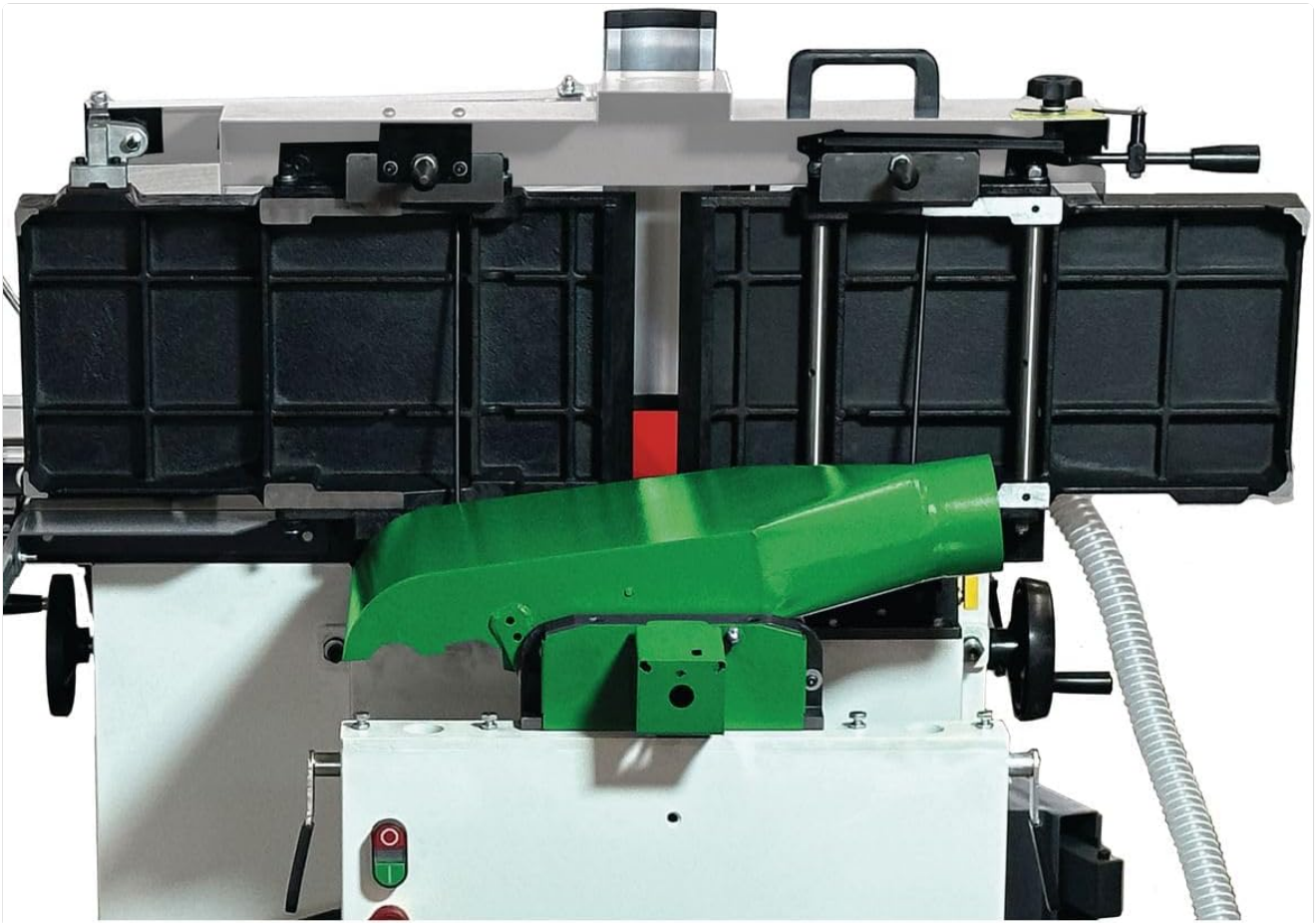


Figure 3: Close-up of the planer/thicknesser section with the green dust extraction hood in place. This component is essential for collecting wood chips during planing operations.

## 4. OPERATING INSTRUCTIONS

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Before operating, ensure all safety checks are completed and you are familiar with the machine's controls.

### 4.1 Planing/Thicknessing

1. Adjust the infeed and outfeed tables for the desired depth of cut.
2. Ensure the cutter block guard is correctly positioned.
3. Turn on the dust extractor, then the machine.
4. Feed the workpiece smoothly and consistently across the tables. Do not force the material.
5. For thicknessing, adjust the thicknessing table to the desired dimension.

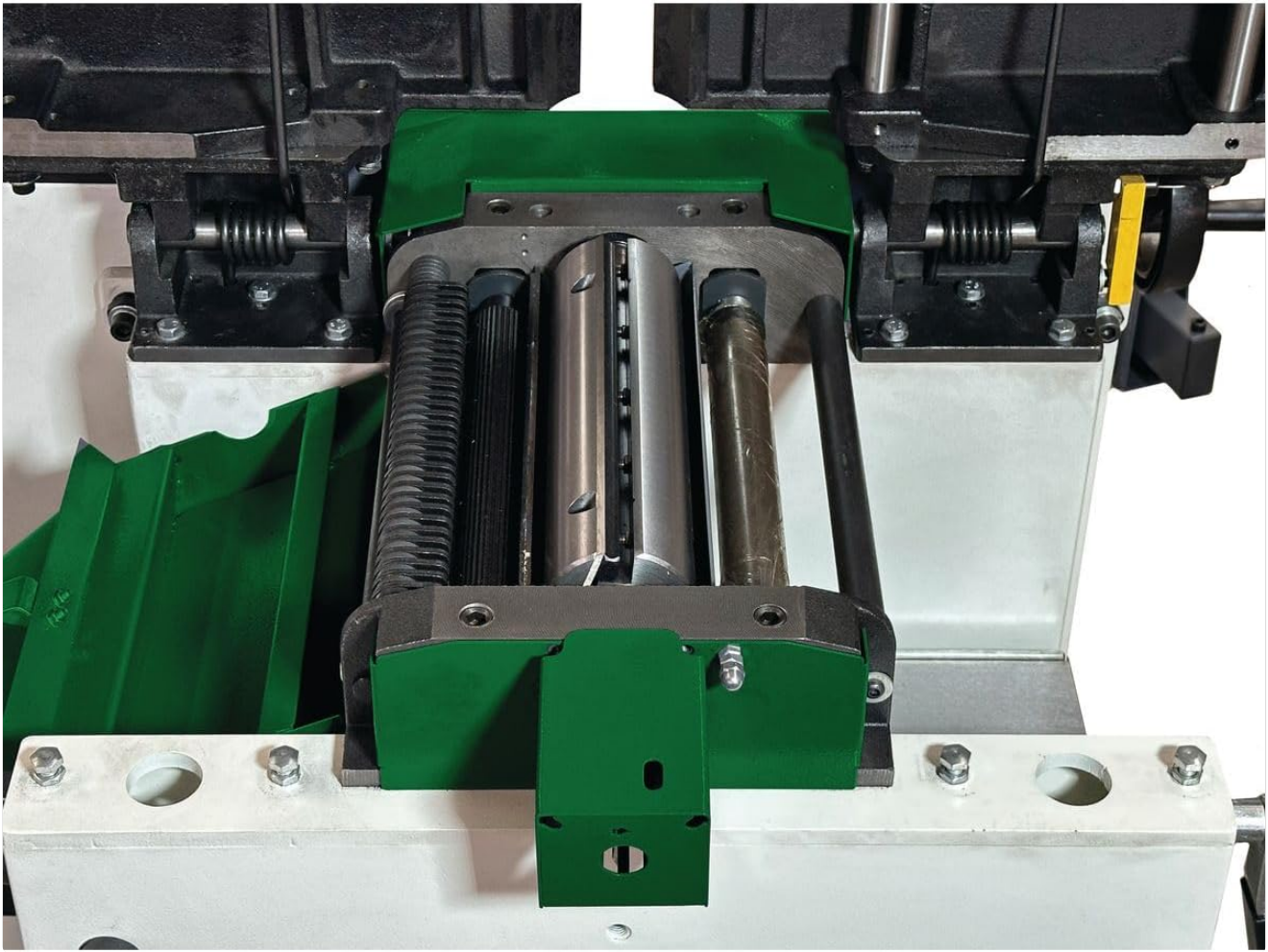


Figure 4: View of the cutter block and feed rollers. This shows the mechanism responsible for material removal during planing and thickening operations.

## 4.2 Sawing

1. Select the appropriate saw blade for the material and cut type.
2. Adjust the saw blade height and angle as required.
3. Position the rip fence or use the sliding table for cross-cutting.
4. Ensure the blade guard is in place.
5. Turn on the dust extractor, then the machine.
6. Feed the workpiece slowly and steadily.

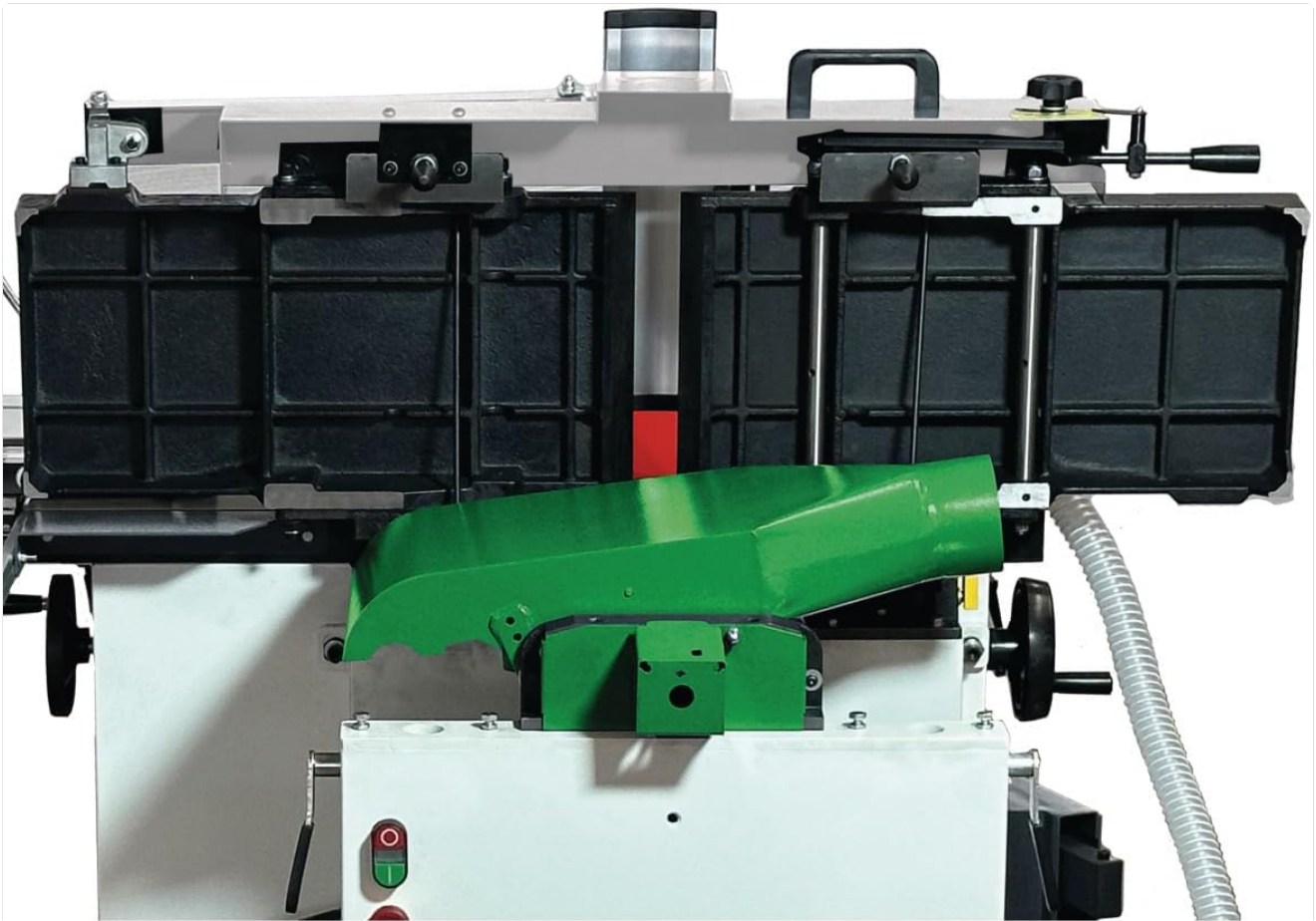


Figure 5: Close-up of the saw blade area, showing the blade guard and the table surface. This guard is crucial for operator safety during sawing operations.

## 5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your machine. Always disconnect the machine from the power supply before performing any maintenance.

### 5.1 Cleaning

- After each use, clean the machine thoroughly to remove sawdust and chips.
- Use a brush or vacuum cleaner. Avoid using compressed air as it can embed dust into bearings.
- Clean resin buildup from tables and fences using a suitable cleaner.

### 5.2 Lubrication

Periodically lubricate moving parts, such as lead screws and sliding mechanisms, with appropriate machine oil or grease as specified in the detailed service manual.

### 5.3 Blade and Cutter Knife Replacement

Dull blades and knives can lead to poor performance and increased risk of kickback. Replace or sharpen them as needed. Refer to the detailed service manual for specific instructions on blade and knife replacement, ensuring proper alignment and tension.

## 6. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Machine does not start	No power supply; Emergency stop engaged; Thermal overload tripped.	Check power connection; Reset emergency stop; Allow motor to cool and reset overload.
Poor cut quality (rough surface, burning)	Dull blades/knives; Incorrect feed rate; Improper depth of cut.	Replace/sharpen blades/knives; Adjust feed rate; Reduce depth of cut.
Excessive vibration	Unbalanced cutter block; Loose components; Machine not stable.	Check cutter block balance; Tighten all fasteners; Ensure machine is on a level, stable surface.
Dust extraction ineffective	Clogged dust port/hose; Insufficient extractor power; Loose connections.	Clear blockages; Use a more powerful extractor; Secure all hose connections.

## 7. SPECIFICATIONS

Feature	Detail
Brand	Holzstar
Model Number	5946025 (UMK 5-260)
Power Supply	230 V
Type	Universal Multi-Combination Machine
Functions	Planing, Thicknessing, Sawing (and potentially others)
ASIN	B0CZXLFHMV