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## HOLZMAN HO-TS315VF-2600-230V

# Holzmann TS 315VF-2600 Format Saw User Manual

Brand: HOLZMAN | Model: HO-TS315VF-2600-230V

## 1. PRODUCT OVERVIEW

The Holzmann TS 315VF-2600 is a robust and versatile format saw designed for precise woodworking. It features a swiveling and height-adjustable circular saw blade with an integrated scoring unit, making it ideal for cutting various wood materials with clean edges.

Key features include a cast iron table with extensions, a smooth-running parallel fence with quick-fixation, and a reinforced body for enhanced stability during operation.



Figure 1: Overview of the Holzmann TS 315VF-2600 Format Saw, showcasing its main components including the sliding table, saw blade, and various fences.

### Key Product Features:

- Right table extension and fence bar can be quickly folded down.
- Robust and smooth-running parallel fence with quick-fixation, guided on the fence bar.

- Swiveling and height-adjustable circular saw blade with scoring unit.
- Cast iron table with rear and right table extension, including a support foot.
- Extendable fence with flip stop.
- Support roller on the outrigger simplifies workpiece placement.
- Reinforced body in the sliding table area increases stability.
- Oversized cutting width to the right of the saw blade up to 1260mm.
- Equipped with a high-quality two-piece scoring saw blade.

## 2. PACKAGE CONTENTS

Upon unpacking, please ensure all the following components are present and undamaged:

- Scoring Unit
- 1x HM Circular Saw Blade Ø315mm
- 1x HM Scoring Saw Blade Ø100mm
- Parallel Fence
- Telescopic Fence
- Angle Fence
- Trimming Shoe
- Eccentric Clamp

## 3. SETUP AND ASSEMBLY

### 3.1 Initial Inspection

Before assembly, carefully inspect all components for any signs of shipping damage. Report any damage immediately to your supplier.

### 3.2 Assembly Steps

1. **Positioning the Machine:** Place the main unit on a stable, level surface capable of supporting its weight (approx. 370 kg). Ensure adequate space around the machine for safe operation and material handling.
2. **Attaching Table Extensions:** Securely attach the rear and right table extensions to the main cast iron table. Utilize the provided support foot for the right extension to ensure stability.
3. **Installing the Sliding Table:** Mount the format sliding table according to the instructions provided in the separate assembly guide. Ensure it moves smoothly and freely.
4. **Mounting Fences:** Install the parallel fence onto its guide bar. Ensure the quick-fixation mechanism operates correctly. Attach the telescopic and angle fences as required for your specific cutting tasks.
5. **Blade Installation:** Carefully install the Ø315mm HM circular saw blade and the Ø100mm HM scoring saw blade. Ensure they are correctly seated and tightened. Refer to the blade changing section for detailed instructions.
6. **Electrical Connection:** Connect the machine to a 230V power supply. Ensure the electrical connection meets local safety standards and the machine's power requirements (3800 Watt).

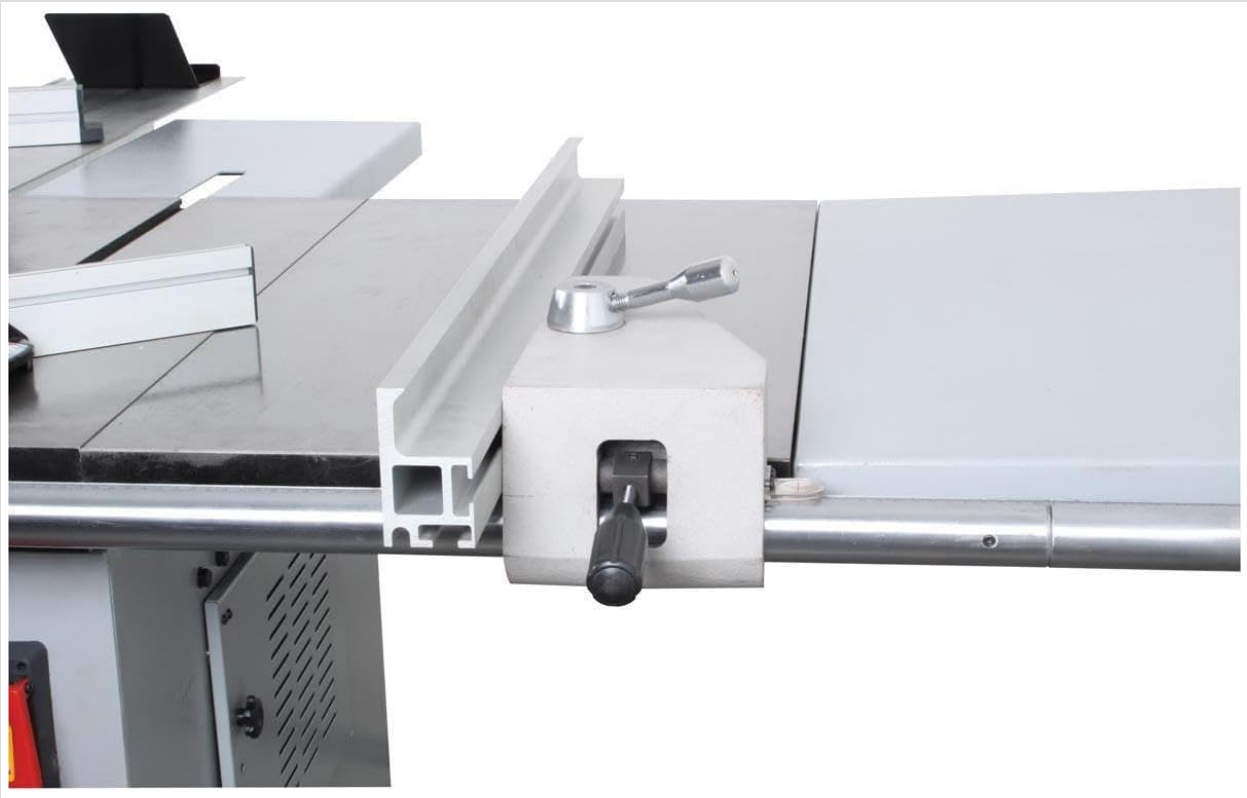


Figure 2: Close-up view of the robust parallel fence with its quick-fixation mechanism, essential for accurate cuts.



Figure 3: A detailed view of a section of the saw table, highlighting the precision engineering of the machine's components.

## 4. OPERATING INSTRUCTIONS

## 4.1 Safety Guidelines

- Always wear appropriate personal protective equipment (PPE), including safety glasses, hearing protection, and dust mask.
- Ensure the workpiece is securely clamped before cutting.
- Never operate the saw without all safety guards in place.
- Keep hands clear of the saw blade at all times.
- Disconnect power before performing any adjustments or maintenance.

## 4.2 Basic Operation

1. **Power On:** Activate the main power switch.
2. **Adjust Blade Height:** Use the handwheel to adjust the saw blade height. For through cuts, the blade should extend slightly above the workpiece.
3. **Adjust Blade Angle:** For miter cuts, use the tilt mechanism to set the desired blade angle (up to 45°).
4. **Set Fence:** Position the parallel fence or angle fence according to the desired cutting width or angle. Securely lock the fence in place.
5. **Start Saw:** Press the start button to engage the saw blade. Allow it to reach full speed before beginning the cut.
6. **Perform Cut:** Guide the workpiece smoothly and consistently through the saw blade. Use the sliding table for precise cross-cuts.
7. **Power Off:** Once the cut is complete, turn off the saw and wait for the blade to stop completely before removing the workpiece or making adjustments.

## 4.3 Using the Scoring Unit

The integrated scoring unit is designed to prevent tear-out on laminated or veneered materials. It makes a shallow cut just ahead of the main blade.

1. Ensure the two-piece scoring saw blade is correctly installed.
2. Adjust the scoring blade height so it just scores the bottom surface of the material.
3. Align the scoring blade with the main saw blade.
4. Engage the scoring unit before starting the main saw blade.

# 5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Holzmann TS 315VF-2600 format saw.

## 5.1 Cleaning

- After each use, clear sawdust and debris from the table, fences, and blade area using a brush or vacuum cleaner.
- Periodically clean the sliding table rails and guides to ensure smooth operation.
- Ensure the dust extraction port (100mm) is clear and connected to an effective dust collection system.

## 5.2 Blade Care

- Regularly inspect the saw blades for sharpness and damage. Dull or damaged blades can lead to poor

cut quality and increased motor strain.

- Clean resin and pitch buildup from blades using a suitable blade cleaner.
- Replace blades when they become dull or damaged. Always use blades with the correct diameter (315mm for main, 100mm for scoring) and bore size.

### 5.3 Lubrication

- Lubricate moving parts such as the sliding table rails, blade height adjustment mechanism, and tilt mechanism periodically with appropriate machine lubricant.
- Refer to the machine's lubrication points diagram (if available in a separate manual) for specific instructions.

## 6. TECHNICAL SPECIFICATIONS

Specification	Value
Manufacturer	Holzmann
Model Number	HO-TS315VF-2600-230V
Voltage	230 Volt
Power (Watt)	3800 Watt
Table Size	800 x 820 mm
Table Height	850 mm
Table Extension (mm)	500x310 / 800x440
Sliding Table Size	2600 x 270 mm
Outrigger Table Size	760 x 540 mm
Max. Cutting Height 90°	100 mm
Max. Cutting Height 45°	75 mm
Max. Trimming Length	2600 mm
Cutting Width at Parallel Fence	1220 mm
Main Saw Blade Diameter	315 mm
Main Saw Blade Speed	4500 min-1
Scoring Saw Blade Diameter	100 mm
Dust Extraction Port	100 mm
Item Weight	370 Kilograms
Color	Red

Specification	Value
Blade Material	High-speed steel
Power Source	Corded Electric

## 7. TROUBLESHOOTING

This section addresses common issues you might encounter with your format saw.

- **Saw not starting:**  
**Possible Cause:** Power supply issue, emergency stop engaged, thermal overload.  
**Solution:** Check power connection, reset emergency stop button, allow motor to cool down.
- **Poor cut quality (tear-out, rough edges):**  
**Possible Cause:** Dull blade, incorrect blade type for material, improper feed rate, scoring unit not adjusted correctly.  
**Solution:** Replace or sharpen blade, use appropriate blade for material, adjust feed rate, verify scoring unit alignment and depth.
- **Blade binding or burning wood:**  
**Possible Cause:** Dull blade, misaligned fence, improper feed rate, insufficient dust extraction.  
**Solution:** Replace or sharpen blade, check fence alignment, reduce feed rate, ensure dust extraction system is functioning effectively.
- **Excessive vibration or noise:**  
**Possible Cause:** Loose components, damaged blade, motor issues.  
**Solution:** Check all bolts and fasteners for tightness, inspect blade for damage, contact qualified service personnel if motor issues are suspected.

## 8. WARRANTY AND SUPPORT

For specific warranty terms and conditions, please refer to the documentation provided at the time of purchase or contact your authorized Holzmann dealer or the manufacturer directly. Keep your proof of purchase for warranty claims.

For technical support, spare parts, or service inquiries, please contact the seller or an authorized service center. Provide your product model number (HO-TS315VF-2600-230V) and serial number (if applicable) when seeking assistance.