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## Holzmann KAP 305JL, USK 2760

# Holzmann Professional Miter Saw KAP 305JL & Machine Stand USK 2760 - Instruction Manual

Model: KAP 305JL, USK 2760

## 1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, setup, and maintenance of your Holzmann Professional Miter Saw KAP 305JL and the accompanying Machine Stand USK 2760. Please read this manual thoroughly before initial use to ensure proper handling and to prevent injury or damage to the equipment. The Holzmann KAP 305JL is a professional sliding miter saw designed for precise cutting of various materials, featuring a quiet belt drive and a laser guide for accuracy. The USK 2760 machine stand provides a stable and versatile platform for your saw, enhancing portability and workspace efficiency.

## 2. SAFETY INSTRUCTIONS

Always prioritize safety when operating power tools. Failure to follow these instructions may result in serious injury or property damage.

- **Read the Manual:** Familiarize yourself with all controls, adjustments, and operating procedures before use.
- **Wear Personal Protective Equipment (PPE):** Always wear safety glasses, hearing protection, and a dust mask. Gloves are recommended for handling materials but should be avoided near rotating parts.
- **Ensure Stable Work Area:** Operate the saw on a firm, level surface. The USK 2760 stand is designed for stability, but ensure its legs are fully extended and locked.
- **Secure Workpiece:** Always clamp the workpiece firmly before cutting. Never hold it by hand.
- **Keep Guards in Place:** Ensure all safety guards are properly installed and functioning before operation.
- **Unplug Before Adjustments:** Disconnect the saw from the power source before making any adjustments, changing blades, or performing maintenance.
- **Avoid Overreaching:** Maintain proper footing and balance at all times.
- **Keep Area Clear:** Ensure the work area is clean, well-lit, and free of obstructions.
- **Use Correct Blade:** Only use sharp, correctly sized blades suitable for the material being cut.
- **Electrical Safety:** Ensure the power supply matches the tool's requirements (230 Volts). Do not use in damp or wet conditions.

### 3. PACKAGE CONTENTS

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Upon unpacking, verify that all components are present and undamaged. If any items are missing or damaged, contact your dealer immediately.

- Holzmann KAP 305JL Professional Miter Saw
- Holzmann USK 2760 Universal Machine Stand
- Tungsten Carbide Circular Saw Blade (pre-installed or separate)
- Laser Guide (integrated)
- Table Spreader / Workpiece Support
- Depth Stop
- Telescopic Backstop
- User Manual (this document)



Figure 3.1: Holzmann KAP 305JL Miter Saw and USK 2760 Machine Stand as a complete set.

### 4. SETUP

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#### 4.1 Assembling the USK 2760 Machine Stand

1. Unfold the main frame of the stand. Ensure all locking mechanisms for the legs are securely engaged.
2. Attach the telescopic workpiece supports to both ends of the main frame. These supports can be extended and adjusted for height to accommodate longer workpieces.
3. Verify the stand is stable and level on your work surface. Adjust leg extensions if necessary.



Figure 4.1: The Holzmann USK 2760 Universal Machine Stand, ready for saw mounting.

## 4.2 Mounting the KAP 305JL Miter Saw to the Stand

1. Position the KAP 305JL miter saw onto the mounting brackets of the USK 2760 stand.
2. Secure the saw to the stand using the provided bolts and nuts. Ensure the saw is firmly attached and does not wobble.
3. Adjust the height of the telescopic workpiece supports on the stand so they are level with the saw's cutting table.



Figure 4.2: Close-up view of the Holzmann KAP 305JL Miter Saw, showing the blade and angle adjustment mechanisms.

## 5. OPERATING INSTRUCTIONS

### 5.1 Basic Operation

- Power Connection:** Connect the saw to a suitable 230V power outlet.
- Workpiece Placement:** Place the workpiece firmly against the fence and on the saw table. Use the telescopic backstop for repetitive cuts.
- Clamping:** Secure the workpiece with the integrated clamp to prevent movement during cutting.
- Activating Laser Guide:** Turn on the laser guide for precise cut line indication.
- Starting the Saw:** Press the power switch to start the motor. Allow the blade to reach full speed before beginning the cut.
- Making the Cut:**
  - For straight cuts, gently push the saw head down through the workpiece.
  - For sliding cuts (crosscuts on wider material), pull the saw head towards you, lower it into the workpiece, and then push it smoothly through the material.
- Completing the Cut:** Once the cut is complete, release the power switch and allow the blade to stop completely before raising the saw head.

## 5.2 Angle Adjustments

The KAP 305JL allows for precise miter and bevel angle adjustments:

- Miter Angle (Horizontal):** Loosen the miter lock knob, rotate the turntable to the desired angle (up to 45° left/right), and re-tighten the knob. Common detents are provided for quick setting.
- Bevel Angle (Vertical):** Loosen the bevel lock lever, tilt the saw head to the desired angle (up to 45° left/right), and re-tighten the lever.
- Compound Cuts:** Combine both miter and bevel adjustments for compound angle cuts.

## 6. MAINTENANCE

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Regular maintenance ensures the longevity and optimal performance of your Holzmann miter saw.

- Cleaning:** After each use, unplug the saw and use a brush or vacuum to remove sawdust and debris from the motor vents, blade guard, and table. Do not use solvents.
- Blade Replacement:**
  - Unplug the saw.
  - Raise the blade guard.
  - Use the provided wrench to loosen the arbor nut while holding the arbor lock button.
  - Carefully remove the old blade and install the new blade, ensuring the teeth are oriented correctly.
  - Tighten the arbor nut securely.
- Lubrication:** Periodically apply a light coat of machine oil to the sliding rails to ensure smooth operation.
- Inspection:** Regularly inspect the power cord for damage, check all fasteners for tightness, and ensure the blade is sharp and free of damage.

## 7. TROUBLESHOOTING

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This section addresses common issues you might encounter. For problems not listed here, contact qualified service personnel.

Problem	Possible Cause	Solution
Saw does not start	No power supply; Faulty switch; Overload protection tripped	Check power connection; Test switch; Reset circuit breaker
Blade not cutting smoothly / Burning wood	Dull blade; Incorrect blade for material; Workpiece not secured	Replace blade; Use appropriate blade; Secure workpiece firmly
Excessive vibration	Loose blade; Damaged blade; Unstable stand	Tighten blade arbor nut; Replace damaged blade; Ensure stand is stable and locked
Laser guide not visible	Laser dirty; Laser malfunction	Clean laser lens; Contact service if malfunction persists

## 8. SPECIFICATIONS

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Technical data for the Holzmann KAP 305JL Miter Saw:

- **Model:** KAP 305JL
- **Power Supply:** 230 Volts
- **Power:** 1.8 kW (1800 Watts)
- **No-Load Speed:** 4500 rpm
- **Blade Diameter:** (Typically 305mm for KAP 305JL, not explicitly stated in specs but implied by model number)
- **Miter Capacity:** -45° to +45°
- **Bevel Capacity:** -45° to +45° (left/right)
- **Special Features:** Laser guide, Belt drive, Bevel capacity, Telescopic backstop
- **Weight (Saw):** Approximately 28 kg
- **Handle Material:** Plastic or Rubber
- **Recommended Surface:** Aluminium (implies suitability for non-ferrous metals and wood)

Technical data for the Holzmann USK 2760 Machine Stand:

- **Model:** USK 2760
- **Type:** Universal Machine Stand
- **Features:** Telescopic workpiece supports, Foldable design

## 9. WARRANTY AND SUPPORT

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Holzmann products are manufactured to high-quality standards. For warranty information, please refer to the documentation provided at the time of purchase or contact your authorized Holzmann dealer.

For technical support, spare parts, or service inquiries, please contact the retailer where you purchased the product or visit the official Holzmann website for contact information. Please note that information regarding spare parts availability for this specific model is not readily available in general product specifications, so direct inquiry is recommended.

Always provide the model number (KAP 305JL, USK 2760) and serial number (if applicable) when contacting support.

## Related Documents - KAP 305JL, USK 2760

	<p><b>HOLZMANN KAP 305JL Profi Kapp- und Gehrungssäge Bedienungsanleitung</b> Umfassende Bedienungsanleitung für die HOLZMANN KAP 305JL Profi Kapp- und Gehrungssäge. Enthält wichtige Informationen zu Sicherheit, Montage, Betrieb, Wartung und Fehlerbehebung für Holz- und Kunststoffbearbeitung.</p>
	<p><b>HOLZMANN TS 315VF Formátovací pila - Návod k Použití</b> Kompletní návod k obsluze pro formátovací pilu HOLZMANN TS 315VF. Obsahuje bezpečnostní pokyny, technická data, montáž, údržbu a záruční podmínky pro profesionální i hobby použití.</p>
	<p><b>HOLZMANN TS 250 Tischkreissäge / Table Saw User Manual</b> 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><b>HOLZMANN FS300 400V Spindle Shaper Operating Manual</b> 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><b>HOLZMANN TFM610V Table Router User Manual</b> This manual provides comprehensive operating instructions, safety guidelines, technical specifications, and assembly details for the HOLZMANN TFM610V Table Router. It covers safe usage, maintenance, troubleshooting, and spare parts information.</p>



## [HOLZMANN HBS610 Wood Bandsaw: User Manual and Technical Specifications](#)

Comprehensive user manual and technical specifications for the HOLZMANN HBS610\_230V and HBS610\_400V wood bandsaws, covering safety, operation, maintenance, and troubleshooting.