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› HOLZMANN MASCHINEN PSM3_230V Parquet Sander User Manual

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Model: PSM3_230V | Brand: HOLZMAN

1. PRODUCT OVERVIEW

The HOLZMANN MASCHINEN PSM3_230V is a professional-grade parquet sander designed for efficient and precise sanding of wooden floors, including parquet and terraces. This robust machine is engineered to remove rough surfaces and prepare wood for various finishes using different abrasive grits.

Key features include an integrated dust extraction system and a large-capacity dust bag, ensuring a cleaner working environment. Its powerful motor and durable construction make it suitable for demanding professional applications.



Figure 1: Overview of the HOLZMANN MASCHINEN PSM3_230V Parquet Sander. This image displays the complete machine with its red motor housing, grey protective cover, and handle assembly.

2. SAFETY INSTRUCTIONS

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

- **Read the Manual:** Before operation, thoroughly read and understand all instructions in this manual.
- **Personal Protective Equipment (PPE):** Always wear appropriate PPE, including safety glasses, hearing protection, dust mask, and sturdy work gloves.

- **Work Area:** Ensure the work area is clean, well-lit, and free from obstructions. Keep children and bystanders away.
- **Electrical Safety:** Ensure the power supply matches the machine's requirements (230V / 50Hz). Do not operate in wet conditions. Disconnect power before making adjustments, changing accessories, or performing maintenance.
- **Machine Condition:** Inspect the machine for any damage or loose parts before each use. Do not operate a damaged machine.
- **Dust Control:** The machine has integrated dust extraction. Ensure the dust bag is properly attached and emptied regularly to prevent fire hazards and maintain air quality.
- **Stability:** Ensure the machine is stable during operation.

3. SETUP

3.1 Unpacking

- Carefully remove the sander and all accessories from the packaging.
- Check for any shipping damage. Report any damage to your supplier immediately.
- Verify that all components listed in the packing list are present.

3.2 Assembly

The machine comes largely pre-assembled. Attach the handle assembly securely if it is not already fixed. Ensure all bolts and fasteners are tightened.

3.3 Installing the Sanding Belt

The sanding belt is a critical component for effective sanding. Follow these steps to install it correctly:

1. **Disconnect Power:** Always unplug the machine from the power source before installing or changing the sanding belt.
2. **Access the Roller:** Locate the mechanism to open the cover and access the sanding roller.
3. **Position the Belt:** Carefully slide the new sanding belt onto the roller, ensuring it is centered and taut. The direction of the belt (if indicated) must match the rotation direction of the roller.
4. **Secure the Belt:** Close and secure the roller cover.



Figure 2: Close-up view of the sanding roller with an abrasive belt installed. This image illustrates how the sanding belt is positioned on the machine's roller for operation.

3.4 Connecting to Power

- Ensure the power switch is in the 'OFF' position.
- Plug the power cord into a grounded 230V / 50Hz electrical outlet with a minimum 10A circuit.

4. OPERATING INSTRUCTIONS

4.1 Pre-Operation Checks

- Confirm the sanding belt is correctly installed and tensioned.
- Ensure the dust bag is empty and securely attached.
- Clear the work area of any debris or obstacles.

4.2 Starting the Machine

- Position the sander on the floor surface to be sanded.
- Press the 'ON' button (typically green) on the control panel. The motor will start, and the sanding roller will begin to rotate.

4.3 Sanding Technique

- Begin sanding with a coarse grit belt to remove old finishes or significant imperfections. Gradually move to finer grits for a smoother finish.
- Move the sander steadily and evenly across the floor. Avoid stopping in one place, as this can create depressions.
- Overlap each pass slightly to ensure uniform sanding.
- For best results, sand with the grain of the wood.

4.4 Dust Collection

The integrated dust extraction system will collect sanding dust into the attached dust bag. Monitor the dust bag and empty it regularly to maintain optimal dust collection efficiency and prevent clogging.

4.5 Stopping the Machine

- To stop the machine, press the 'OFF' button (typically red) on the control panel.
- Once the roller has stopped, lift the machine off the sanded surface.
- Always unplug the machine from the power source after use or before leaving it unattended.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your parquet sander.

- **Cleaning:** After each use, clean the machine thoroughly. Remove any dust or debris from the motor housing, vents, and sanding roller area. Use compressed air if available.
- **Dust Bag:** Empty the dust bag frequently. Wash or replace it as needed according to manufacturer recommendations.
- **Sanding Belt:** Replace worn or damaged sanding belts promptly. Using dull belts can reduce efficiency and potentially damage the machine or floor.
- **Inspection:** Periodically inspect the power cord for damage, and check all fasteners for tightness. Examine wear parts for signs of excessive wear.
- **Storage:** Store the machine in a clean, dry, and secure location, away from moisture and extreme temperatures.

6. TROUBLESHOOTING

If you encounter issues with your parquet sander, refer to the following general troubleshooting tips:

- **Machine Does Not Start:**
 - Check if the power cord is securely plugged into a live outlet.
 - Verify that the circuit breaker has not tripped.
 - Ensure the 'ON' button is fully depressed.
- **Poor Sanding Performance:**
 - The sanding belt may be worn out and needs replacement.
 - The wrong grit size may be used for the task.
 - Ensure the sanding belt is properly tensioned.
- **Excessive Dust:**
 - Check if the dust bag is full and needs emptying.
 - Ensure the dust bag is correctly attached and sealed.
 - Inspect the dust extraction hose for blockages.
- **Unusual Noise or Vibration:**
 - Immediately stop the machine and disconnect power.
 - Inspect for loose parts, foreign objects, or damage to the sanding roller.
 - If the issue persists, contact qualified service personnel.

For problems not covered here, or if troubleshooting steps do not resolve the issue, contact HOLZMAN customer support or a qualified service technician.

7. SPECIFICATIONS

Feature	Specification
Model	PSM3_230V
Motor Power S1 (100%)	2200 W
Voltage / Frequency	230 V / 50 Hz
Required Startup Power	10 A
Motor Speed	2800 rpm
Protection Type	IP 55
Sanding Width	200 mm
Roller Diameter	176 mm
Roller Speed	2000 rpm
Machine Dimensions (L x W x H)	930 x 340 x 960 mm
Net Weight	65 kg
Gross Weight	68 kg
Included Accessories	Sanding belt, dust collection bag
Optional Accessories	Pre-cut sheets SBPSMK

8. WARRANTY AND SUPPORT

8.1 Warranty Information

The HOLZMANN MASCHINEN PSM3_230V Parquet Sander comes with a **2-year warranty** from the date of purchase. This warranty covers manufacturing defects and material faults under normal use. Please note that the warranty *excludes wear parts*, such as sanding belts, which are subject to normal wear and tear during operation.

Keep your proof of purchase for warranty claims.

8.2 Customer Support

For technical assistance, spare parts, or warranty claims, please contact your authorized HOLZMAN dealer or the HOLZMAN customer service department. Refer to your purchase documentation for specific contact details.

9. OFFICIAL PRODUCT VIDEOS

No official product videos from the seller are available for embedding at this time.

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