Makita 9207SPB

Makita 9207SPB Sander-Polisher Instruction Manual

Model: 9207SPB | Brand: Makita

Introduction

This instruction manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Makita 9207SPB Sander-Polisher. Please read this manual thoroughly before using the tool to ensure proper handling and to prevent injury or damage.

The Makita 9207SPB is a versatile power tool designed for both sanding and polishing applications, featuring a 180mm (7") disc and a 700W motor, operating at 220V.

Safety Information

WARNING: Always follow basic safety precautions when using electric tools to reduce the risk of fire, electric shock, and personal injury.

- **Work Area Safety:** Keep your work area clean and well-lit. Cluttered or dark areas invite accidents. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Electrical Safety:** Power tool plugs must match the outlet. Never modify the plug in any way. Do not expose power tools to rain or wet conditions.
- **Personal Safety:** Always wear eye protection. Use hearing protection when operating the tool for extended periods. Dress properly; avoid loose clothing or jewelry. Secure long hair.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools.
- **Specific Sander-Polisher Safety:** Ensure the accessory is properly attached and secured before operation. Do not apply excessive pressure to the tool; let the tool do the work.

Product Components

The Makita 9207SPB Sander-Polisher comes with several key components and accessories to facilitate its operation. Familiarize yourself with each part before use.



Figure 1: Main view of the Makita 9207SPB Sander-Polisher, showing the motor housing, handle, and disc attachment area.



Figure 2: Side view of the sander-polisher, highlighting the ergonomic design and power switch location.



Figure 3: Close-up view of the disc attachment mechanism, showing the spindle and mounting holes for the rubber pad.



Figure 4: Included accessories: a wool bonnet for polishing and two wrenches (lock nut wrench and standard wrench) for attaching and securing accessories.

Included Components:

- Abrasive Disc (for sanding)
- Rubber Pad (base for abrasive disc/wool bonnet)
- Wool Bonnet (for polishing)
- Lock Nut Wrench
- Standard Wrench
- Side Grip/Handle

Setup

1. **Unpacking:** Carefully remove the sander-polisher and all accessories from the packaging. Inspect for any shipping damage.
2. **Attaching the Side Grip:** Screw the side grip securely into one of the threaded holes on the gear housing. Ensure it is tightened firmly for safe operation.
3. **Mounting the Rubber Pad:** Align the holes on the rubber pad with the spindle on the tool. Secure it using the provided lock nut and tighten with the lock nut wrench.
4. **Attaching Abrasive Disc/Wool Bonnet:**
    - **For Sanding:** Affix the abrasive disc firmly onto the rubber pad. Ensure it is centered and adheres properly.
    - **For Polishing:** Place the wool bonnet over the rubber pad, ensuring it is securely fitted and centered.
5. **Power Connection:** Ensure the power switch is in the "OFF" position before plugging the tool into a 220V AC power outlet.

Operating Instructions

General Operation:

1. **Starting the Tool:** With the tool plugged in and accessories attached, push the power switch to the "ON" position. The tool will start.
2. **Stopping the Tool:** To stop the tool, push the power switch to the "OFF" position.
3. **Applying Pressure:** Apply light, even pressure to the workpiece. Allow the tool's weight and speed to do the work. Excessive pressure can lead to poor results and tool damage.
4. **Movement:** Move the tool in a consistent, overlapping pattern across the surface to ensure even sanding or polishing.

Sanding:

For sanding, use the abrasive disc. Start with a coarser grit if significant material removal is needed, then progress to finer grits for a smoother finish. Keep the disc flat against the surface to avoid gouging.

Polishing:

For polishing, attach the wool bonnet. Apply a small amount of polishing compound to the surface or the bonnet. Start the tool at a low speed (if variable speed is available, though not specified for this model, general advice) and spread the compound evenly before increasing speed for buffing. Maintain constant movement to prevent heat buildup and swirl marks.

Maintenance

Regular maintenance ensures the longevity and optimal performance of your Makita 9207SPB Sander-Polisher.

- **Cleaning:** After each use, disconnect the tool from power and clean off any dust, debris, or polishing compound residue from the tool body, vents, and accessories. Use a soft, dry cloth. Do not use harsh chemicals or solvents.
- **Accessory Inspection:** Regularly inspect the abrasive discs, rubber pad, and wool bonnet for wear and tear. Replace worn or damaged accessories immediately to ensure effective and safe operation.
- **Carbon Brushes:** This tool uses carbon brushes. If the motor power decreases or the tool stops, the carbon brushes may be worn. Consult a qualified service center for inspection and replacement of carbon brushes.
- **Storage:** Store the tool in a dry, secure place out of reach of children. Protect it from direct sunlight and extreme temperatures.

Troubleshooting

Problem	Possible Cause	Solution
Tool does not start.	No power supply; Power switch off; Worn carbon brushes.	Check power outlet and cord; Ensure switch is ON; Have carbon brushes inspected/replaced by service center.
Excessive vibration.	Accessory not properly attached; Damaged rubber pad/disc.	Re-attach accessory securely; Replace damaged accessory.
Poor sanding/polishing results.	Worn abrasive disc/bonnet; Incorrect pressure; Wrong accessory for task.	Replace worn accessory; Apply even, light pressure; Use appropriate accessory for the material and desired finish.
Tool overheats.	Blocked ventilation slots; Excessive continuous use; Overloading.	Clean ventilation slots; Allow tool to cool down; Do not overload the tool.

Specifications

Technical specifications for the Makita 9207SPB Sander-Polisher:

Feature	Detail
Model Number	9207SPB
Power Source	AC (Corded Electric)
Voltage	220 Volts
Power Input	700 Watts
Disc Diameter	180mm (7 inches)
Item Weight	4.36 Kilograms
Package Dimensions	42.6 x 20.2 x 15.2 cm
Color	Blue
Manufacturer	Makita
UPC	088381018739

Warranty and Support

For warranty information, service, or technical support, please contact your local Makita authorized service center or the retailer from whom you purchased the product. Keep your purchase receipt as proof of purchase.

This product is designed for professional use and is backed by Makita's commitment to quality and durability. For further assistance, refer to the official Makita website or contact their customer service department.

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