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› Parkside PMBA20-Li A1 Cordless Band Saw 20V User Manual

PSIDE PMBA20-Li A1

Parkside PMBA20-Li A1 Cordless Band Saw 20V User Manual

Model: PMBA20-Li A1

1. SAFETY INSTRUCTIONS

Always observe basic safety precautions when using power tools to reduce the risk of fire, electric shock, and personal injury. Read and understand all instructions before operating this tool.

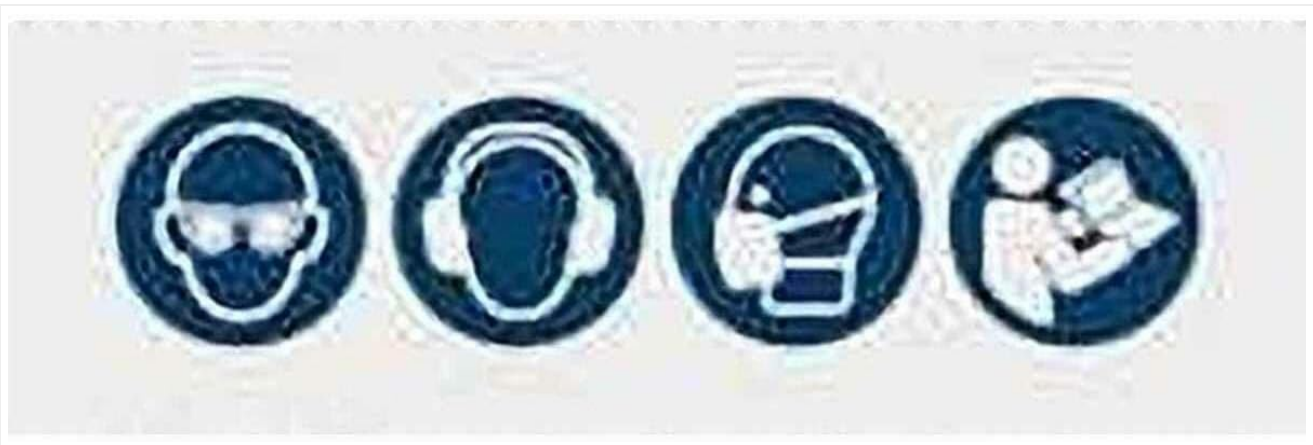


Image 1.1: Essential safety icons. Always wear eye protection, hearing protection, and respiratory protection. Read the instruction manual thoroughly before use.

- **Work Area Safety:** Keep the 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:** Avoid body contact with earthed or grounded surfaces. Do not expose power tools to rain or wet conditions.
- **Personal Safety:** Stay alert, watch what you are doing, and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol, or medication. Always wear appropriate personal protective equipment, including eye protection, hearing protection, and gloves.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.
- **Battery Tool Use and Care:** Recharge only with the charger specified by the manufacturer. Use power tools only with specifically designated battery packs.

2. PRODUCT OVERVIEW

The Parkside PMBA20-Li A1 is a versatile 20V cordless band saw designed for precise cutting of various materials including metal, plastic tubes, aluminum profiles, and thinner wood laths. It features a 6-level speed regulator, an ergonomic handle with Softgrip, an integrated LED work light, and a vibration-free saw belt for accurate results.



Image 2.1: Front view of the Parkside PMBA20-Li A1 Cordless Band Saw, showing the main body, handle, and blade area. Note that the battery is sold separately.



Image 2.2: Side view of the band saw, highlighting the compact design and blade mechanism.

Included Components:

- 1 x Band Saw Blade (pre-mounted)
- 1 x Allen Key (stored on the device)
- 1 x Auxiliary Handle
- 1 x Storage Case

3. SETUP

3.1 Battery Installation

1. Ensure the tool is switched off.
2. Align the fully charged 20V Parkside X 20 V Team battery pack with the battery slot on the tool.
3. Slide the battery pack into the slot until it clicks securely into place.
4. To remove, press the battery release button and slide the battery out.

3.2 Auxiliary Handle Attachment

1. Locate the mounting point for the auxiliary handle on the front of the band saw.
2. Screw the auxiliary handle firmly into position. Ensure it is tight for safe operation.

3.3 Band Saw Blade Check/Replacement

The band saw blade comes pre-mounted. Before first use, check its tension and ensure it is correctly seated. Refer to the detailed instructions in the full manual for blade replacement procedures, which typically involve releasing tension, removing the old blade, installing the new blade, and re-tensioning.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

1. To turn on the tool, press and hold the safety lock-off button, then squeeze the trigger switch. The integrated LED work light will illuminate the cutting area.
2. To turn off the tool, release the trigger switch.

4.2 Speed Regulation

The band saw features a 6-level speed regulator. Adjust the speed according to the material being cut. Lower speeds are generally suitable for harder materials like metal, while higher speeds are for softer materials like plastic or wood.

- Rotate the speed regulator dial to select the desired speed setting (1-6).
- Start with a lower speed and gradually increase if necessary, observing the cutting performance.

4.3 Cutting Procedure

1. Secure the workpiece firmly to prevent movement during cutting.
2. Select the appropriate speed for the material.
3. Hold the band saw firmly with both hands, using the main handle and the auxiliary handle.
4. Start the tool and allow the blade to reach full speed before contacting the workpiece.
5. Guide the blade smoothly and steadily through the material. Do not force the tool; let the blade do the work.
6. The soft start function ensures a smooth power-up, and overload protection will activate if the tool is pushed too hard, preventing damage.
7. After completing the cut, release the trigger switch and wait for the blade to stop completely before setting the tool down.

5. MAINTENANCE

5.1 Cleaning

- Always disconnect the battery pack before cleaning.
- Keep the ventilation openings clean to prevent overheating.
- Use a soft brush or compressed air to remove dust and debris from the tool. Do not use water or chemical cleaning agents.

5.2 Blade Maintenance

- Regularly inspect the band saw blade for wear, damage, or dullness. A dull blade can lead to poor cutting performance and increased strain on the tool.
- Replace worn or damaged blades promptly. Refer to the full manual for detailed blade replacement instructions.

5.3 Storage

- Store the tool in its practical storage case in a dry, secure place, out of reach of children.
- Ensure the battery is removed from the tool before storage.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Tool does not start	Battery not charged or improperly inserted; Safety lock-off not pressed; Overload protection activated.	Charge battery and reinsert correctly; Ensure safety lock-off is pressed before trigger; Allow tool to cool down, then restart.
Poor cutting performance	Dull or damaged blade; Incorrect speed setting; Blade tension incorrect.	Replace blade; Adjust speed setting; Check and adjust blade tension.
Excessive vibration	Damaged blade; Loose components; Incorrect blade tracking.	Replace blade; Check all fasteners; Adjust blade tracking according to manual.

7. SPECIFICATIONS

Feature	Specification
Model Number	PMBA20-Li A1
Voltage	20 V
No-load Speed	370-670 min ⁻¹ (6 levels)
Cutting Speed	1.5 – 2.7 m/s
Cutting Depth	63.5 mm
Saw Band Dimensions	Approx. 733 x 12.7 x 0.4 mm
Tool Dimensions (L x W x H)	Approx. 546.6 x 361 x 296.7 mm
Weight (without battery)	Approx. 3.3 kg
Material	Plastic (housing), High-speed steel or alloy steel (blade)
Special Features	Ergonomic handle, LED work light, Soft start, Overload protection

Note: Specifications are subject to change without notice for product improvement.

8. WARRANTY AND SUPPORT

This Parkside product is manufactured with care and undergoes strict quality control. In the unlikely event of a defect, please contact your retailer or the authorized service center for assistance. Please retain your proof of purchase for warranty claims.

For technical support, spare parts, or service inquiries, please refer to the contact information provided with your purchase documentation or visit the official Parkside website.

