

Parkside PBS 350 A1 350W Band Saw Instruction Manual

Model: PBS 350 A1 | Brand: **Lidl**

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, setup, and maintenance of your Parkside PBS 350 A1 350W Band Saw. Please read these instructions thoroughly before using the tool to ensure proper function and to prevent injury or damage.

The Parkside PBS 350 A1 is designed for cutting hard and soft wood, laminate, and fiberboard. It features a powerful 350W motor with constant cutting speed, a parallel guide for precise longitudinal cuts, and an adjustable table for miter cuts.

2. SAFETY INSTRUCTIONS

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

- **Wear appropriate personal protective equipment (PPE):** Always wear safety glasses, hearing protection, and a dust mask. Gloves are recommended for handling rough materials but should be avoided near moving parts.
- **Ensure a safe work environment:** Keep the work area clean, well-lit, and free from obstructions. Do not operate the saw in damp or wet conditions.
- **Secure the workpiece:** Always use clamps or the parallel guide to secure the material being cut. Never hold the workpiece freehand.
- **Maintain proper posture:** Keep a balanced stance and avoid overreaching.
- **Use the correct blade:** Ensure the blade is sharp, properly tensioned, and suitable for the material being cut.
- **Utilize safety features:** The saw is equipped with safety interlocks on the doors and a connection for dust extraction. Ensure these are functioning correctly.
- **Disconnect power:** Always unplug the saw before performing any adjustments, maintenance, or when changing blades.

- **Keep hands clear:** Never place hands or fingers near the blade while the saw is operating or connected to power. Use a push stick when cutting small pieces.
- **Supervise children:** Keep children and bystanders away from the operating area.

3. UNPACKING AND INCLUDED COMPONENTS

Carefully unpack all items from the packaging. Inspect for any damage that may have occurred during transit. Retain packaging for future storage or transport.

Included Accessories:

- 1 x Band Saw Blade 140 cm (pre-assembled)
- 1 x Parallel Guide
- 1 x Button Wrench
- 1 x Screwdriver
- 3 x Hex Keys



Figure 3.1: Included accessories for the Parkside PBS 350 A1 band saw.

4. SETUP

4.1 Initial Assembly

1. **Mounting the Saw:** Securely mount the band saw to a stable workbench using appropriate fasteners (not included). Ensure the saw is level and cannot tip during operation.
2. **Table Adjustment:** The saw table is adjustable for miter cuts. Loosen the quick-tension system knob located beneath the table. Adjust the table to the desired angle using the angle scale (0° to +45°). Tighten the knob firmly to secure the table.
3. **Parallel Guide Installation:** Insert the parallel guide into the slots on the saw table. Use the quick-lock mechanism to secure it for precise longitudinal cuts.



Figure 4.1: Adjustable saw table with quick-tension system and angle scale.

4.2 Blade Tension and Alignment

The band saw blade comes pre-assembled. Before first use, verify the blade tension and alignment. Refer to the markings on the saw for correct tensioning. The blade should be centered on the wheels and run smoothly without wobbling.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

- **To Power On:** Press the green 'ON' button. The motor will start, and the blade will begin to move.
- **To Power Off:** Press the red 'OFF' button. The motor will stop, and the blade will slow down. Wait for the blade to come to a complete stop before leaving the machine.



Figure 5.1: Proper operation of the band saw with a push stick.

5.2 Adjusting Cutting Height

The blade guard is adjustable for cutting heights up to 80 mm. Loosen the locking mechanism for the blade

guard and slide it up or down to the desired height, ensuring it is just above the workpiece. Tighten the locking mechanism securely.

5.3 Cutting Techniques

- **Straight Cuts:** Use the parallel guide for precise straight cuts. Adjust the guide to the desired width and lock it in place. Feed the workpiece slowly and steadily against the guide and into the blade.
- **Miter Cuts:** Adjust the saw table to the desired angle (0° to +45°) as described in Section 4.1. Secure the workpiece and feed it through the blade.
- **Curved Cuts:** For curved cuts, do not use the parallel guide. Slowly guide the workpiece freehand, following your marked line. Avoid forcing the material, especially on tight curves.



Figure 5.2: Guiding a workpiece through the band saw.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your band saw. Always disconnect the power supply before performing any maintenance.

6.1 Cleaning

- After each use, clean the saw dust and debris from the table, blade area, and motor housing using a brush or vacuum cleaner.
- Ensure the dust extraction port is clear.



Figure 6.1: Dust extraction port on the band saw.

6.2 Blade Replacement

When the blade becomes dull or damaged, it must be replaced. The Parkside PBS 350 A1 is compatible with standard 140 cm band saw blades up to 12 mm wide.

1. Disconnect the saw from the power supply.
2. Open the safety interlocked doors to access the blade.
3. Release the blade tension mechanism.
4. Carefully remove the old blade.
5. Install the new blade, ensuring the teeth are pointing downwards towards the table.
6. Re-tension the blade according to the saw's markings.
7. Close the safety doors.

7. TROUBLESHOOTING

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

| Problem | Possible Cause | Solution |
|-------------------------|--|---|
| Saw does not start | No power supply; Safety doors open; Faulty switch | Check power connection; Ensure safety doors are closed; Contact service if switch is faulty |
| Blade wobbles or drifts | Incorrect blade tension; Worn blade guides; Dull blade | Adjust blade tension; Inspect and replace blade guides if worn; Replace blade |
| Motor overheats | Overloading the motor; Insufficient ventilation | Reduce feed rate; Ensure motor vents are clear; Allow motor to cool |
| Rough cuts | Dull blade; Incorrect blade type for material; Incorrect feed rate | Replace blade; Use appropriate blade; Adjust feed rate |

8. SPECIFICATIONS

| Feature | Specification |
|-----------------------|--------------------------------|
| Manufacturer | Lidl |
| Model Number | PBS 350 A1 |
| Power | 350 Watts |
| Voltage | 230 Volts (AC) |
| Power Source | Corded Electric |
| Speed | 900 meters per minute |
| Max Cutting Height | 80 mm |
| Throat Width | 200 mm |
| Table Surface | 300 x 300 mm |
| Miter Angles | 0° to +45° |
| Band Saw Blade Length | 140 cm |
| Max Blade Width | 12 mm |
| Band Wheel Diameter | 20 cm |
| Special Features | Depth adjustment, Spindle lock |
| Recommended Surface | Wood |
| Blade Material | Alloy Steel |
| Handle Material | Plastic |
| Color | Green |

9. WARRANTY AND SUPPORT

Information regarding specific warranty terms and conditions for the Parkside PBS 350 A1 Band Saw is not available in the provided product details. Please refer to your purchase documentation or contact the retailer for warranty information.

For technical support or spare parts inquiries, please contact Lidl customer service or visit their official website. Information on spare parts availability is currently not provided.