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› Metabo SXA 18 LTX 150 BL Cordless Random Orbital Sander User Manual

Metabo SXA 18 LTX 150 BL Bare

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Model: SXA 18 LTX 150 BL Bare | Part Number: 600411840

1. PRODUCT OVERVIEW

The Metabo SXA 18 LTX 150 BL is an 18V brushless cordless variable speed random orbital sander, engineered for high material removal rates with minimal vibration. Its robust design and brushless motor ensure long-lasting performance and reduced maintenance. This tool is designed for a wide range of sanding applications, offering comfort and efficiency.



Image 1.1: The Metabo SXA 18 LTX 150 BL Cordless Random Orbital Sander shown with its included metaBOX 215 for storage and transport.

2. SAFETY INSTRUCTIONS

Always observe general power tool safety warnings and specific safety instructions for random orbital sanders. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

- **Work Area Safety:** Keep your work area clean and well-lit. 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:** Always wear eye protection (safety glasses or goggles), hearing protection, and a dust mask when operating the sander. Secure loose clothing and long hair.
- **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.
- **Dust Management:** Sanding operations produce dust. Ensure proper dust extraction is used, either with the included dust bag or an external dust extraction system, to minimize airborne particles.
- **Vibration:** While this tool is designed for low vibration, prolonged use can still cause vibration-related injuries. Take regular breaks and use anti-vibration gloves if necessary.

3. PACKAGE CONTENTS

Verify that all items are present and undamaged upon opening the package:

- Metabo SXA 18 LTX 150 BL Cordless Random Orbital Sander (Tool Only)
- Multi-hole Backing Pad
- Sanding Sheet (initial)
- Edge Protector
- Compact Textile Dust Bag
- metaBOX 215
- User Manual (this document)

Note: Battery pack and charger are not included with this "Tool Only" model and must be purchased separately. Ensure compatibility with Metabo 18V LiHD or Li-Power battery packs.

4. SETUP

4.1. Attaching the Battery Pack

Insert a charged Metabo 18V battery pack into the battery receptacle on the rear of the sander until it clicks securely into place. To remove, press the release button on the battery pack and slide it out.

4.2. Attaching the Sanding Pad

The sander comes with a multi-hole backing pad. Ensure the pad is clean and free of debris. Align the holes on the sanding sheet with the holes on the backing pad for optimal dust extraction, then firmly press the sanding sheet onto the hook-and-loop surface of the backing pad.



Image 4.2: The Metabo SXA 18 LTX 150 BL sander, showing the backing pad and dust port.

4.3. Attaching the Dust Bag

Slide the compact textile dust bag onto the dust extraction port located at the rear of the sander until it is firmly seated. For larger projects or finer dust, an external dust extraction system can be connected to this port (adapter may be required, sold separately).

5. OPERATING INSTRUCTIONS

5.1. Powering On/Off

To turn the sander ON, slide the power switch to the "I" position. To turn OFF, slide the switch to the "O" position. The electronic soft start feature will ensure a smooth start-up, minimizing surface damage.

5.2. Variable Speed Adjustment

The sander features a variable speed control dial, allowing you to adjust the oscillation speed from 4,000 to 10,000 RPM. Select a lower speed for fine finishing and delicate materials, and a higher speed for aggressive material removal.

5.3. Sanding Techniques

- Apply light, even pressure across the sanding surface. Excessive pressure will not speed up material removal and can damage the tool or the workpiece.
- Move the sander in overlapping circular or elliptical patterns to ensure even sanding and prevent swirl marks.
- For best results, sand with the grain of the wood when possible.
- Regularly check the sanding sheet for wear and replace it when dull to maintain efficiency and prevent damage to the workpiece.



Image 5.3.1: Proper hand placement and technique while sanding a wooden surface.



Image 5.3.2: Demonstrating the use of the sander with an external dust extraction system for cleaner operation.



Image 5.3.3: The sander being used on a vertical wooden surface, highlighting its versatility.

6. MAINTENANCE

6.1. Cleaning the Tool

After each use, disconnect the battery pack and use a soft brush or compressed air to clean dust and debris from the ventilation openings and around the backing pad. Do not use solvents or abrasive cleaners.

6.2. Emptying and Cleaning the Dust Bag

Regularly empty the compact textile dust bag to maintain optimal dust collection efficiency. Detach the bag from the sander and shake out the accumulated dust. The bag can be cleaned with a soft brush or by rinsing with water and allowing it to dry completely before reattaching.

6.3. Inspecting the Backing Pad

Periodically inspect the hook-and-loop surface of the backing pad for wear or damage. A worn pad will not hold sanding

sheets securely, leading to poor sanding results. Replace the backing pad if necessary.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Sander does not start.	Battery not charged or not properly inserted.	Ensure battery is fully charged and securely inserted.
Poor sanding performance / Swirl marks.	Worn sanding sheet; incorrect grit; excessive pressure; worn backing pad.	Replace sanding sheet; use appropriate grit; apply light, even pressure; inspect and replace backing pad if worn.
Excessive vibration.	Damaged backing pad; unbalanced sanding sheet; internal issue.	Check and replace backing pad; ensure sanding sheet is centered; if problem persists, contact Metabo service.
Dust collection is poor.	Dust bag full or improperly attached; clogged holes in sanding sheet/pad.	Empty and reattach dust bag; clean sanding sheet and backing pad holes.

8. SPECIFICATIONS

Feature	Detail
Model	SXA 18 LTX 150 BL Bare
Part Number	600411840
Brand	Metabo
Power Source	Battery Powered (18V)
Disc Diameter	150 mm (6 inches)
Maximum Rotational Speed	10,000 RPM
Grit Type (Included)	Medium (120 Grit)
Item Weight	2.9 Pounds
Special Features	Brushless Motor, Soft Start, Variable Speed, Overload Protection, Ergonomic Soft Grip, Tethering Point
Included Components	Sander, backing pad, sanding sheet, protector, dust bag, metaBOX 215

9. WARRANTY AND SUPPORT

Metabo products are manufactured to high quality standards. For information regarding warranty coverage, service, or technical support, please refer to the official Metabo website or contact Metabo customer service directly. Keep your purchase receipt as proof of purchase.

For further assistance, visit the official Metabo store on Amazon:[Metabo Store](#)

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