WORX WX820.9

WORX WX820 Sander User Manual

Model: WX820.9

1. INTRODUCTION

Thank you for choosing the WORX WX820 Sander. This versatile cordless multi-sander is designed for various sanding tasks, offering convenience and efficiency. This manual provides essential information for the safe and effective operation, setup, maintenance, and troubleshooting of your tool. Please read it thoroughly before first use and keep it for future reference.

2. IMPORTANT SAFETY INSTRUCTIONS

WARNING: Read all safety warnings, instructions, illustrations, and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious injury.

General Power Tool Safety

- **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:** Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges, and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
- **Personal Safety:** Always wear eye protection. Use appropriate safety equipment such as dust masks, non-skid safety shoes, hard hats, or hearing protection when necessary. Stay alert, watch what you are doing, and use common sense when operating a power tool.

Sander Specific Safety

- **Dust Collection:** Always use the dust collection system provided or connect to a dust extraction facility when sanding. Dust generated from sanding can be harmful to your health.
- **Secure Workpiece:** Always clamp or otherwise secure the workpiece to a stable platform. Holding the workpiece by hand or against your body may lead to loss of control.
- **Battery Tool Use and Care:** This tool is supplied without a battery and charger. Use only with WORX PowerShare 20V batteries and compatible chargers. Refer to the battery and charger manuals for specific safety instructions.

3. Package Contents

Your WORX WX820 Sander package typically includes the following items. Please check that all components are present and undamaged.

- WORX WX820 Multi-Sander (Tool Only)
- 5 Sanding Pads (various shapes)
- 15 Velcro Abrasive Papers (various grits)
- Perforator/Punch Tool
- Dust Bag
- Carry Bag

Image 3.1: The WORX WX820 Sander shown with its various sanding pads, abrasive papers, dust bag, and carry bag.

20V PONCEUSE MULTIFONCTIONS

5 PATIN DE PONÇAGE

15 PAPIERS ABRASIF VELCRO

PERFOREUSE

SAC À POUSSIÈRE

SAC DE TRANSPORT

QU'Y A-T-IL DANS LA BOITE

Image 3.2: A visual representation of the items included in the box, such as the sander, multiple sanding pads, abrasive papers, a perforator, dust bag, and carry bag.

4. PRODUCT OVERVIEW

The WORX WX820 is a versatile multi-sander designed to handle a wide range of sanding applications. Its innovative design allows it to function as five different types of sanders in one compact tool, adapting to various surfaces and details.

5 PONCEUSES DANS UN SEUL OUTIL

Image 4.1: The WORX WX820 Sander demonstrating its capability to transform into 5 different sanders by changing its base pads.

5. SETUP

5.1 Battery Installation

1. Ensure the sander is switched off.
2. Align the WORX PowerShare 20V battery with the battery port on the sander.
3. Slide the battery into the port until it clicks securely into place.
4. To remove, press the battery release button and slide the battery out.

Image 5.1: The WORX PowerShare battery system, highlighting its compatibility across a range of WORX 20V tools.

5.2 Attaching Sanding Pads and Abrasive Paper

1. Select the appropriate sanding pad for your task (e.g., orbital, detail, finger).
2. Align the chosen sanding pad with the base of the sander and press firmly until it locks into place. The design allows for easy, tool-free changes.
3. Select the appropriate abrasive paper (sanding sheet) for your task and grit requirement.
4. Align the abrasive paper with the Velcro surface of the sanding pad. Ensure the holes on the paper align with the dust extraction holes on the pad.
5. Press the abrasive paper firmly onto the pad to secure it.

CHANGEZ FACILEMENT
DE TAMPONS ET DE MODES

Image 5.2: Illustration of the quick-change mechanism for swapping between different sanding pads and modes on the WORX WX820 Sander.

6. OPERATING INSTRUCTIONS

6.1 Powering On/Off

To turn the sander on, slide the power switch to the 'ON' position. To turn it off, slide the switch to the 'OFF' position.

6.2 Variable Speed Control

The WORX WX820 features a variable speed control dial, allowing you to adjust the sanding speed to suit different materials and applications. Rotate the dial to increase or decrease the oscillation speed.

VARIATEUR DE VITESSE

Image 6.1: The variable speed control dial on the WORX WX820 Sander, typically ranging from lower to higher settings (e.g., 1 to 5).

6.3 Sanding Techniques

Always ensure the workpiece is securely clamped. Apply light, even pressure and move the sander smoothly across the surface. Avoid pressing too hard, as this can reduce efficiency and damage the surface or the tool.

- **For Large Surfaces:** Use the orbital sanding pad for efficient material removal.
- **For Small Surfaces and Details:** Utilize the detail sanding pad or finger attachment for precision work.
- **For Corners and Edges:** The triangular detail pad is ideal for reaching tight spaces.
- **For Curved Surfaces:** Specific attachments can be used for sanding small cylinders or other contoured shapes.
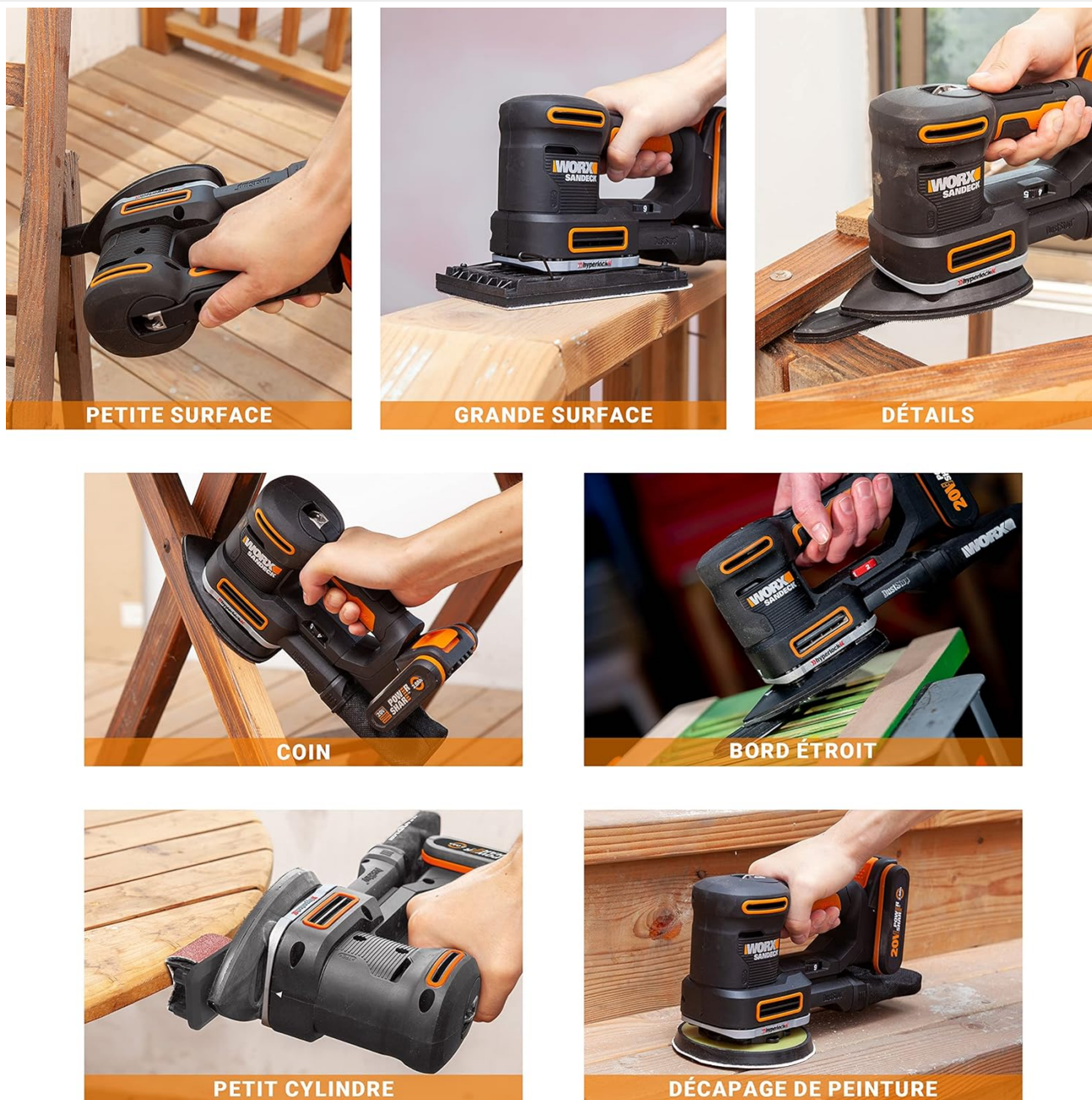
Image 6.2: Examples of the WORX WX820 Sander being used for diverse sanding tasks, including small and large surfaces, intricate details, corners, narrow edges, cylindrical objects, and paint removal.

7. MAINTENANCE

7.1 Cleaning the Dust Bag/Microfilter

Regularly empty and clean the dust bag to maintain optimal dust collection efficiency. The WORX WX820 features a DustStop microfilter system for effective dust management.

1. Remove the dust bag from the sander.
2. Empty the collected dust into a waste receptacle.
3. For thorough cleaning, tap the dust bag to dislodge fine particles or use compressed air if available.
4. Reattach the dust bag securely to the sander.

Image 7.1: Detail of the DustStop microfilter system integrated into the WORX WX820 Sander for efficient dust collection.

7.2 General Cleaning and Storage

- After each use, wipe down the tool with a clean, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Inspect the sanding pads for wear and tear. Replace them if they are damaged or no longer hold abrasive paper effectively.
- Store the sander and its accessories in the provided carry bag, in a dry, secure location out of reach of children.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Sander does not turn on.	Battery not charged or improperly installed.	Ensure battery is fully charged and correctly inserted until it clicks.

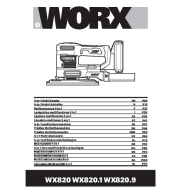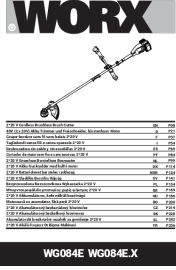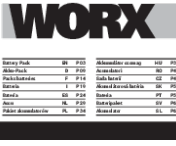| Problem	Possible Cause	Solution
Battery does not fit the tool.	Incompatible battery model or incorrect insertion.	Ensure you are using a genuine WORX PowerShare 20V battery. Verify correct alignment and insertion. If issues persist, contact WORX customer service.
Poor sanding performance.	Worn abrasive paper or incorrect grit.	Replace abrasive paper. Use a coarser grit for initial material removal and finer grits for finishing.
Excessive vibration or noise.	Loose sanding pad or damaged components.	Check that the sanding pad is securely attached. Inspect for any visible damage to the tool or pads. If damage is found, discontinue use and contact customer service.
Dust collection is ineffective.	Dust bag is full or improperly attached.	Empty the dust bag. Ensure it is securely attached and not blocked.

9. SPECIFICATIONS
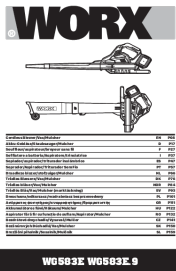
Feature	Specification
Brand	WORX
Model Number	WX820.9
Power Source	Battery Powered (20V PowerShare)
Voltage	20 Volts
Maximum Rotational Speed	10000 RPM
Item Weight	2.3 Kilograms (approx. 5.06 pounds)
Product Dimensions	3.66"L x 11.93"W x 5.75"H
Disc Diameter (Orbital Pad)	125 millimeters
Grit Type	Medium (variable with abrasive paper)
Batteries Included	No (Tool Only)
Batteries Required	Yes (WORX PowerShare 20V Lithium-Ion)
Country of Origin	China

10. WARRANTY AND SUPPORT

WORX products are manufactured to high-quality standards and are guaranteed against manufacturing defects. For specific warranty details, registration, or to contact customer support, please visit the official WORX website or refer to the warranty card included with your purchase.

For assistance, please visit the WORX Store on Amazon or contact WORX customer service directly.

Related Documents - WX820.9

WORX WX820 WX820.1 WX820.9	**WORX WX820 5-in-1 Multi Sander User Manual** Comprehensive user manual for the WORX WX820 5-in-1 Multi Sander, covering safety warnings, operating instructions, technical data, and accessories. Learn how to use and maintain your WORX sander.
WX823L WX823L.X	**WORX 20V 5" Cordless Brushless Rotary Sander - User Manual** Comprehensive user manual for the WORX 20V 5" Cordless Brushless Rotary Sander (WX823L, WX823L.X), covering safety instructions, operation, maintenance, and technical specifications.
WG084E WG084E.X	**WORX WG084E/WG084E.X 40V Cordless Brushless Brush Cutter User Manual** This user manual provides comprehensive instructions for the WORX WG084E/WG084E.X 40V Cordless Brushless Brush Cutter, covering safety, operation, maintenance, and troubleshooting for safe and effective use.
	WORX WA3551 20V Lithium Battery Safety and Operation Manual Comprehensive safety warnings, operating instructions, and maintenance guidelines for the WORX WA3551 20V PowerShare Lithium Battery. Learn about proper handling, charging, storage, and disposal to ensure safe and optimal performance.
WG583E WG583E.9	**WORX WG583E / WG583E.9 Cordless Blower/Vac/Mulcher User Manual** User manual for the WORX WG583E and WG583E.9 cordless blower, vacuum, and mulcher. Includes safety, operation, and maintenance instructions for WORX garden equipment.
Rotary Tool WX106	**WORX WX106 Rotary Tool: Safety and Operating Manual** Comprehensive safety and operating manual for the WORX WX106 Rotary Tool, detailing usage instructions, safety precautions, maintenance, and technical specifications for grinding, sanding, polishing, and cutting applications.