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WORKPRO W125282AE

WORKPRO 20V Oscillating Tool Kit User Manual

Model: W125282AE

1. IMPORTANT SAFETY INSTRUCTIONS

Always follow basic safety precautions when using this power tool to reduce the risk of fire, electric shock, and personal injury. Read all instructions carefully before operation.

- **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 hearing protection when operating for extended periods. Dress properly; do not wear loose clothing or jewelry. Keep hair, clothing, and gloves away from moving parts.
- **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 Pack Use and Care:** Recharge only with the charger specified by the manufacturer. Do not use battery packs with any other power tools. When battery pack is not in use, keep it away from other metal objects.

2. PRODUCT OVERVIEW AND COMPONENTS

The WORKPRO 20V Oscillating Tool Kit is designed for versatile applications including cutting, sanding, scraping, and grinding. This cordless tool offers portability and convenience.



Figure 2.1: Complete WORKPRO 20V Oscillating Tool Kit, including the tool, battery, charger, various blades, sanding pad, sanding sheets, and a carrying bag.



Figure 2.2: Detailed view of the oscillating tool highlighting key components such as the Quick-Release Lock, ON/OFF Switch, Speed Controller, Tool Chuck, Air Vents, and Comfortable Rubber Handle.

Key Features:

- **Brushless Motor:** Delivers up to 19,000 OPM for efficient performance.
- **6 Variable Speeds:** Allows selection of appropriate speed for different applications (5,000 to 19,000 OPM).
- **Tool-Less Accessory Change:** Quick-release lever for easy blade and accessory changes.
- **Universal Fit:** Compatible with most accessory brands.
- **Bright LED Light:** Illuminates the work surface for improved visibility.
- **Cordless Design:** Provides portability and freedom of movement.

3. SETUP AND ASSEMBLY

3.1 Battery Installation and Charging

Ensure the battery is fully charged before first use. The battery charger is designed for use with WORKPRO 20V Lithium-Ion batteries only.

1. To install the battery, align the battery pack with the tool's battery port and slide it in until it clicks securely into place.
2. To remove the battery, press the release button on the battery pack and slide it out.
3. To charge, connect the charger to a power outlet and slide the battery pack onto the charger until it clicks. The indicator light on the charger will show the charging status.

3.2 Attaching Accessories

The tool features a quick-release system for easy accessory changes.



Figure 3.1: Visual guide for battery installation and the 3-step accessory changing process: 1. Install the battery. 2. Lift the control lever to 180 degrees. 3. Install the blade and lock the control lever into place.

1. Ensure the tool is switched off and the battery is removed before changing accessories.
2. Lift the quick-release control lever on the tool head to a 180-degree open position.
3. Align the accessory (blade, sanding pad, scraper) with the tool chuck. The accessory should fit snugly onto the chuck's pins.
4. Once the accessory is in place, push the control lever back down firmly until it locks into its original position, securing the accessory.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

To turn the tool on, slide the ON/OFF switch forward. To turn it off, slide the switch backward.

4.2 Variable Speed Control

The tool features a 6-speed selector to match the oscillation rate to the material and application.



Figure 4.1: The 6-speed adjustment dial, allowing users to select between 5,000 OPM (Min) and 19,000 OPM (Max) for optimal performance across various tasks.

- Rotate the speed controller dial to select the desired speed setting from 1 (lowest, 5,000 OPM) to 6 (highest, 19,000 OPM).
- Lower speeds are suitable for delicate materials or precision work, while higher speeds are for aggressive material removal.

4.3 Applications

The WORKPRO oscillating tool is highly versatile. Here are common applications:

- **Cutting:** Use appropriate saw blades for cutting wood, plastic, soft metals, or drywall.
- **Sanding:** Attach the sanding pad and sanding sheets for surface preparation, smoothing, or paint removal.
- **Scraping:** Use the scraper blade for removing old paint, adhesive, caulk, or floor coverings.
- **Grinding:** Specific grinding accessories can be used for mortar or tile grout removal.



Figure 4.2: The oscillating tool in use for cutting wood, demonstrating its precision and control.



Figure 4.3: The oscillating tool equipped with a sanding pad, used for smoothing a wooden surface.



Figure 4.4: The oscillating tool with a scraper attachment, effectively removing material from a surface.

4.4 LED Work Light

The integrated LED light automatically illuminates when the tool is powered on, providing enhanced visibility in dimly lit work areas.

5. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your tool.

- **Cleaning:** After each use, clean the tool with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure air vents are clear of dust and debris to prevent overheating.
- **Accessory Care:** Inspect blades and sanding pads before and after each use. Replace worn or damaged accessories promptly. Store accessories in a dry place to prevent rust.
- **Battery Storage:** Store battery packs in a cool, dry place away from direct sunlight and extreme temperatures. For long-term storage, charge the battery to approximately 50% capacity.
- **General Inspection:** Periodically check all screws and fasteners for tightness. Ensure all moving parts operate smoothly.

6. TROUBLESHOOTING

This section addresses common issues you might encounter.

Problem	Possible Cause	Solution
Tool does not start	Battery not charged or improperly installed.	Ensure battery is fully charged and correctly inserted.
Reduced performance/power	Battery charge is low; accessory is dull or damaged.	Recharge battery; replace accessory.
Excessive vibration or noise	Accessory not properly secured; damaged accessory.	Check accessory installation; replace if damaged.
Tool overheats	Air vents blocked; continuous heavy use.	Clear air vents; allow tool to cool down.

7. SPECIFICATIONS

Technical details for the WORKPRO 20V Oscillating Tool Kit.

Specification	Detail
Model Number	W125282AE
Power Source	Battery Powered
Voltage	20 Volts
Wattage	40 Watt-hours
Oscillations Per Minute (OPM)	5,000 - 19,000 (Variable Speed)
Oscillation Angle	3.6°

Specification	Detail
Motor Type	Brushless
Item Weight	5.52 pounds
Product Dimensions	14.76 x 5.91 x 5.31 inches
Battery Type	Lithium Ion (1 included)
Included Components	1×1" Bi-Metal Blade, 1×1/2" Wood Cutting Blade, 1×2" Scraper, 1×Open-Cut Triangle Sanding Pad; 15×Triangle Sanding Sheets (5 sheets each of 60, 80, and 120 grit), 2×1" Wood Cutting Blades

8. WARRANTY AND SUPPORT

For warranty information, product support, or to purchase replacement parts and accessories, please contact WORKPRO customer service. Refer to your purchase documentation for specific warranty terms and conditions.

You can typically find support contact information on the official WORKPRO website or through the retailer where the product was purchased.

Related Documents - W125282AE

	<p><u>WORKPRO 20V Brushless Cordless Random Orbital Sander - Operating Instructions</u> Official operating instructions for the WORKPRO 20V Brushless Cordless Random Orbital Sander (Model W125228A), covering safety, operation, maintenance, and specifications.</p>
	<p><u>WORKPRO W125228A 20V Brushless Cordless Random Orbital Sander Operating Instructions</u> This document provides comprehensive operating instructions, safety warnings, specifications, and maintenance guidelines for the WORKPRO W125228A 20V Brushless Cordless Random Orbital Sander.</p>

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 <p>WORKPRO ORIGINAL OPERATING INSTRUCTIONS 12V BRUSHLESS CORDLESS 3-IN-1 MULTI-HEAD POWER TOOL SET</p> <p>Thank you for buying a WORKPRO 12V BRUSHLESS CORDLESS 3-IN-1 MULTI-HEAD POWER TOOL SET. Your new 12V BRUSHLESS CORDLESS 3-IN-1 MULTI-HEAD POWER TOOL SET is a high quality power tool. Please read these instructions carefully before using the tool. This manual contains important information, instructions and safety warnings for your tool. Please keep this manual for future reference.</p> <p>SAVE THIS MANUAL FOR FUTURE REFERENCE</p> <p>W125176A</p>	<p>WORKPRO W125176A 12V Cordless 3-in-1 Multi-Head Power Tool Set - Operating Instructions</p> <p>Comprehensive operating instructions for the WORKPRO W125176A 12V cordless 3-in-1 multi-head power tool set, including pruning saw, belt sander, and blower. Covers safety, assembly, operation, maintenance, and disposal.</p>
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 <p>WORKPRO ORIGINAL OPERATING INSTRUCTIONS 20V CORDLESS HOT GLUE GUN</p> <p>Thank you for buying a WORKPRO 20V CORDLESS HOT GLUE GUN. Your new 20V CORDLESS HOT GLUE GUN is a high quality power tool. Please read these instructions carefully before using the tool. This manual contains important information, instructions and safety warnings for your tool. Please keep this manual for future reference.</p> <p>SAVE THIS MANUAL FOR FUTURE REFERENCE</p> <p>W125233A</p>	<p>WORKPRO 20V Cordless Hot Glue Gun: Operating Instructions and Safety Guide</p> <p>Official operating instructions and safety warnings for the WORKPRO 20V Cordless Hot Glue Gun (Model W125233A). Learn about proper use, maintenance, charging, and disposal.</p>