

## WORKPRO W125163AE

# WORKPRO Buffer Polisher Instruction Manual

Model: W125163AE

Brand: WORKPRO

## 1. INTRODUCTION

Thank you for choosing the WORKPRO 6-inch 1080W Dual Action Random Orbital Polisher. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your new polisher. Please read this manual thoroughly before first use and keep it for future reference. This tool is designed for various polishing and waxing applications, including car detailing, floor polishing, and metal polishing.

## 2. SAFETY INFORMATION

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and personal injury.

- Wear appropriate personal protective equipment, including safety glasses and gloves.
- Ensure the work area is clean, well-lit, and free from obstructions.
- Do not operate the polisher in damp or wet conditions.
- Keep children and bystanders away while operating the tool.
- Unplug the polisher from the power source before making any adjustments, changing accessories, or performing maintenance.
- Do not force the tool; use the correct speed and pressure for the application.
- Inspect the power cord for damage before each use.

## 3. PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

- 1 × Polisher Machine
- 1 × Auxiliary Handle
- 1 × Backing Pad
- 1 × Woolen Buffer Pad

- 6 × Foam Pads (various types for different applications)
- 2 × Replaceable Carbon Brushes
- 1 × Hex Key
- 3 × Hex Head Bolts
- 1 × Towel



Figure 3.1: Included Components

## 4. PRODUCT FEATURES

The WORKPRO Buffer Polisher is engineered for efficiency and user comfort.

- **6 Variable Speed Control:** Adjust speeds from 1400-5000 RPM to match project requirements, allowing for precise control during waxing and polishing.



Figure 4.1: Polisher Components Overview

- **High-Performance Motor:** Equipped with a 9 amp, 1080 watt motor and 15mm dual action orbital motion for powerful and efficient operation. Heat-resistant copper wire ensures longer working time.



Figure 4.2: High-Performance Motor

- **Ergonomic Design:** Features a comfortable grip hood and an auxiliary handle for non-slip control. The switch-locking mechanism reduces hand fatigue during extended use.





Figure 4.3: Ergonomic Design

- **Dual Action Orbital Motion:** Provides high security and allows for polishing without glare, ensuring a smooth and even finish.



Figure 4.4: Dual Action Mechanism

## 5. SETUP

1. **Attach the Auxiliary Handle:** Secure the auxiliary handle to the polisher using the provided hex head bolts and hex key. Ensure it is firmly tightened for safe operation.
2. **Install the Backing Pad:** Align the backing pad with the spindle on the polisher and screw it on securely.
3. **Attach Polishing Pads:** The foam pads and woolen buffer pad attach to the backing pad via hook-and-loop fasteners. Select the appropriate pad for your task (e.g., foam pads for compounding/polishing, woolen pad for buffing).



Figure 5.1: Polisher Setup

## 6. OPERATING INSTRUCTIONS

This section details the proper use of your WORKPRO Buffer Polisher for various applications.

1. **Power On/Off:** Plug the polisher into a suitable power outlet. Press the On/Off trigger to start the tool.
2. **Using the Switch Locking Mechanism:** For continuous operation, press the lock button located near the trigger after starting the polisher. This will keep the tool running without needing to hold the trigger. Press the trigger again to release the lock and stop the tool.



Figure 6.1: Trigger and Lock Button

3. **Adjusting Speed:** Use the 6-variable speed adjustor dial to select the desired RPM (1400-5000



RPM). Lower speeds are generally used for waxing and spreading compounds, while higher speeds are for polishing and buffing.



Figure 6.2: Speed Adjustor Dial

4. **Application Methods:** The polisher can be used with either the auxiliary handle for two-handed control or by gripping the main body for single-handed operation, depending on the task and user preference.

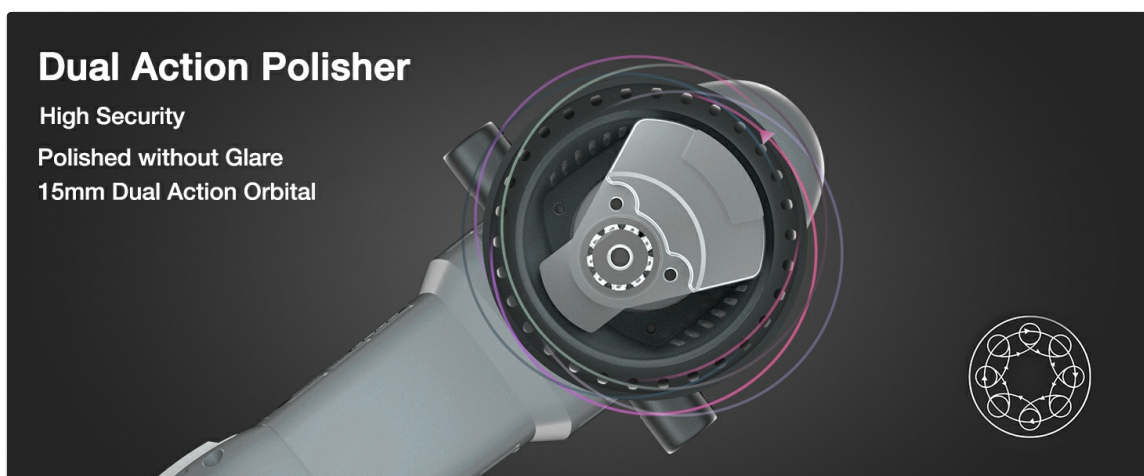


Figure 6.3: Multiple Control Methods

5. **General Usage:** Apply a small amount of compound or wax directly to the pad or the surface. Start the polisher at a low speed to spread the product, then increase speed as needed for polishing or buffing. Maintain even pressure and move the polisher in overlapping passes.



Figure 6.4: Wide Range of Applications

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Video 6.1: WORKPRO Dual Action Buffer Polisher Kit in action, demonstrating variable speed control, switch locking mechanism, and various polishing applications on cars, tiles, and wood.

## 7. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your polisher.

- **Cleaning:** After each use, wipe down the polisher with a clean, dry cloth. Remove any residue from the backing pad and ensure ventilation slots are clear.



Figure 7.1: Ventilation Slots

- **Carbon Brush Replacement:** The carbon brushes are wear items and will need periodic replacement. When the tool's performance decreases or it stops working, check the carbon brushes. To replace, unscrew the carbon brush covers on the side of the motor housing, remove the old brushes, and insert new ones. Ensure the brushes are seated correctly before replacing the covers.



Figure 7.2: Carbon Brush Replacement

- **Pad Care:** Clean polishing pads thoroughly after each use to remove product residue. This prolongs their life and maintains polishing effectiveness.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Polisher does not start.	No power supply; damaged cord; worn carbon brushes.	Check power connection; inspect cord for damage; replace carbon brushes.
Reduced power or erratic operation.	Worn carbon brushes; motor overheating; excessive pressure.	Replace carbon brushes; allow tool to cool; reduce pressure.
Excessive vibration or noise.	Loose backing pad; damaged pad; internal component issue.	Tighten backing pad; replace damaged pad; contact customer support.
Poor polishing results.	Incorrect pad type; insufficient product; improper technique.	Use appropriate pad; apply sufficient product; review operating instructions.

## 9. SPECIFICATIONS

Attribute	Value
Model Number	W125163AE

Attribute	Value
Power Source	Corded Electric
Voltage	12 Volts
Amperage	9 Amps
Wattage	1080 Watts
Speed	1400-5000 RPM (Variable)
Item Weight	7.41 pounds (3.37 Kilograms)
Package Dimensions	16.97 x 7.6 x 6.69 inches
Material	Metal, Plastic
Color	Grey, Black

## 10. WARRANTY AND SUPPORT

WORKPRO products are manufactured to high-quality standards. For specific warranty details, please refer to the warranty card included with your product or visit the official WORKPRO website.

For technical support, replacement parts, or any inquiries regarding your WORKPRO Buffer Polisher, please contact WORKPRO customer service. Contact information can typically be found on the product packaging or the official WORKPRO website.

You can also visit the WORKPRO Store on Amazon for more information and products:[WORKPRO Amazon Store](#).