

## WORKPRO W124748A

# WORKPRO 6.5AMP 850W Corded Electric Jig Saw Instruction Manual

Model: W124748A

## 1. PRODUCT OVERVIEW

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The WORKPRO 6.5AMP 850W Corded Electric Jig Saw is a versatile power tool designed for precise cutting of various materials, including wood, metal, and plastic. It features a powerful motor, variable speed control, orbital settings, and a tool-free blade change system for enhanced efficiency and user convenience.



Figure 1: WORKPRO 6.5AMP 850W Corded Electric Jig Saw and included accessories.

## 2. SAFETY INFORMATION

Always prioritize safety when operating power tools. Read and understand 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.

- **Work Area Safety:** Keep your work area clean and well-lit. Cluttered or dark areas invite accidents.
- **Electrical Safety:** Power tool plugs must match the outlet. Never modify the plug in any way. Avoid body contact with earthed or grounded surfaces.
- **Personal Safety:** Always wear eye protection, dust mask, non-skid safety shoes, hard hat, or hearing protection as appropriate for the conditions.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools.
- **Maintenance:** Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the power tool's operation.

For detailed safety guidelines, refer to the complete user manual provided in the product packaging.

## 3. PACKAGE CONTENTS

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Upon opening the package, ensure all items are present and in good condition. The WORKPRO 6.5AMP 850W Corded Electric Jig Saw kit includes:

- 1 × WORKPRO Jigsaw
- 7 × Replaceable T-shank blades (1 for metal, 6 for wood)
- 1 × Scale Ruler
- 1 × Dust Exhaust Pipe
- 1 × User Manual
- 1 × Allen Wrench

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Video 1: Unboxing and overview of the WORKPRO 6.5AMP 850W Corded Electric Jig Saw and its included components.

## 4. PRODUCT FEATURES

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### 4.1 High-Performance Motor

The jigsaw is equipped with a powerful 6.5 amp motor, delivering a top speed of 3000 Strokes Per Minute (SPM). This high power allows for faster cutting and helps prevent material burn. The 4/5-inch stroke length ensures efficient material removal with each cut. It can cut iron plate up to 10mm and wood board up to 100mm.

### 4.2 Bevel Cutting & Orbital Settings

The adjustable bottom plate allows for bevel cuts up to ±45 degrees, providing flexibility for various cutting angles. Four orbital settings enable adjustment of cut aggressiveness, suitable for different materials and cutting speeds. Higher orbital settings are ideal for softer materials and faster cuts, while lower settings are for harder materials and slower, more precise cuts.

# +45° BEVEL CUTTING



Figure 2: The adjustable base plate allows for precise  $\pm 45^\circ$  bevel cutting.

# 4-POSITION ORBITAL ACTION

Meet the cutting needs of different materials



Figure 3: Four-position orbital action for varied cutting needs across different materials.

## 4.3 Tool-less Blade Change & LED Light

Blade changes are quick and easy with the tool-less system; simply press the replacement button. The integrated LED light illuminates the cutting area, ensuring improved visibility and precise cuts, especially in dimly lit environments.

# QUICK SAW BLADE CHANGE WITHOUT TOOLS

Easy and quick saw blade installation without tools



Figure 4: Easy and quick saw blade installation without the need for additional tools.

# WORKPRO ELECTRIC CORDED JIGSAW



6.5AMP



850W



6 SPEEDS CONTROL



Figure 5: Built-in LED light provides enhanced visibility for precise cutting.

## 4.4 User-Friendly Design

The jigsaw includes a dust blower function to keep the cut line clear of debris, improving visibility. The blower switch allows for both blowing and vacuuming functions. A lock-on button is also provided to reduce user fatigue during extended cutting tasks.



Figure 6: Labeled components of the WORKPRO Jig Saw for easy identification.

# SCALE RULER

Scale ruler can make straight cutting more precise and efficient



Figure 7: The included scale ruler assists in making straight and precise cuts.

## 5. SETUP

### 5.1 Blade Installation

1. Ensure the jig saw is unplugged from the power source.
2. Locate the tool-less blade change lever on the front of the saw.
3. Push the lever to release the blade clamp.
4. Insert the T-shank blade into the blade holder until it clicks securely into place.
5. Release the lever to lock the blade. Gently pull on the blade to ensure it is firmly seated.

### 5.2 Attaching Dust Exhaust Pipe

For dust collection, attach the dust exhaust pipe to the designated port at the rear of the saw. This allows connection to a vacuum system to keep your work area clean.

### 5.3 Adjusting Base for Bevel Cuts

1. Using the included Allen wrench, loosen the screws on the base plate.
2. Tilt the base plate to the desired angle (up to  $\pm 45$  degrees). Use the angle markings on the base for accuracy.
3. Tighten the screws firmly to secure the base plate in position.

## 5.4 Using the Scale Ruler (Edge Guide)

The scale ruler can be inserted into the slot on the base plate to guide straight cuts parallel to an edge. Adjust the ruler to the desired distance from the blade and tighten its locking mechanism.

## 6. OPERATING INSTRUCTIONS

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### 6.1 Powering On/Off

To turn the jig saw on, press the trigger switch. To turn it off, release the trigger. For continuous operation, press the lock-on button while the trigger is depressed. To release the lock, press the trigger again.

### 6.2 Variable Speed Control

Adjust the variable speed dial located on top of the tool to select the appropriate speed for your material. Speeds range from 1 (lowest) to 6 (highest). Use lower speeds for harder materials or intricate cuts, and higher speeds for softer materials or faster cuts.

### 6.3 Orbital Action Selection

The orbital action lever allows you to choose from four settings (0-3). Setting 0 provides no orbital action for fine, splinter-free cuts. Higher settings increase the orbital action for faster, more aggressive cuts in softer materials.

### 6.4 Using the LED Light

The LED light can be turned on or off using the dedicated switch near the front of the tool. This feature is useful for illuminating the cutting line in low-light conditions.

### 6.5 Dust Management

Utilize the dust blower switch to direct air away from the cutting line, keeping it clear of sawdust. For more comprehensive dust collection, attach the dust exhaust pipe to a vacuum cleaner.

### 6.6 General Cutting Tips

- Always secure your workpiece with clamps to prevent movement during cutting.
- Allow the saw to reach full speed before engaging the material.
- Apply steady, even pressure. Do not force the saw, as this can damage the blade or motor.
- For plunge cuts, tilt the saw forward on its base plate, start the cut, and slowly lower the blade into the material.

## 7. MAINTENANCE

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Regular maintenance ensures the longevity and optimal performance of your WORKPRO Jig Saw.

- **Blade Replacement:** Replace blades when they become dull or damaged to ensure clean and efficient cuts. Always use appropriate T-shank blades for the material being cut.
- **Cleaning:** After each use, unplug the tool and clean any sawdust or debris from the ventilation slots and the blade area. Use a soft brush or compressed air.
- **Cord Inspection:** Regularly inspect the power cord for any signs of damage. If damaged, have it repaired by a qualified professional.
- **Storage:** Store the jig saw in a dry, secure location out of reach of children.

## 8. TROUBLESHOOTING

If you encounter issues with your jig saw, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Saw does not start	No power supply; faulty switch.	Check power outlet and cord. If issue persists, contact service.
Blade not cutting straight	Dull or bent blade; incorrect orbital setting; forcing the tool.	Replace blade. Adjust orbital setting. Apply less pressure.
Excessive vibration	Loose blade; damaged blade; worn internal components.	Ensure blade is securely installed. Replace blade. Contact service if vibration continues.
Motor overheating	Blocked ventilation slots; continuous heavy use.	Clean ventilation slots. Allow tool to cool down. Reduce load.

If the problem persists after attempting these solutions, please contact WORKPRO customer support.

## 9. SPECIFICATIONS

Feature	Detail
Brand	WORKPRO
Model Number	W124748A
Power Source	Corded Electric
Current Rating	6.5 Amps
Wattage	850 watts
Voltage	120 Volts
Speed	3000 SPM (Strokes Per Minute)
Bevel Cutting Angle	±45 Degrees
Orbital Settings	4 Positions
Blade Material	Metal
Surface Recommendation	Wood
Item Weight	5.44 Pounds
Product Dimensions	8.86" L x 11.22" W x 3.15" H
Special Feature	Tool-less Blade Change, LED Light, Dust Blower
UPC	820909772569

## 10. WARRANTY AND SUPPORT

The WORKPRO 6.5AMP 850W Corded Electric Jig Saw comes with a limited warranty. For specific warranty terms and

conditions, please refer to the warranty card included in your product packaging or visit the official WORKPRO website.

For technical support, replacement parts, or any inquiries regarding your product, please contact WORKPRO customer service. Contact information can typically be found in your user manual or on the WORKPRO brand website.