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WEN 33606

WEN 33606 6.6-Amp Variable Speed Orbital Jig Saw

Instruction Manual

1. Important Safety Instructions

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

- Wear appropriate personal protective equipment, including safety glasses and hearing protection.
- Ensure the work area is well-lit and clear of obstructions.
- Keep children and bystanders away while operating the tool.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- The laser light emitted from this tool is a Class II laser. Avoid direct eye exposure to the laser beam.
- Always unplug the tool from the power source before making any adjustments, changing accessories, or storing the tool.

2. Product Overview

The WEN 33606 6.6-Amp Variable Speed Orbital Jig Saw is designed for precise cutting in various materials. It features a powerful motor, variable speed control, and an orbital action setting for optimized cutting performance.



Figure 2.1: Front view of the WEN 33606 Jig Saw, highlighting its ergonomic design and key controls.

Key features include:

- **6.6-Amp Variable Speed Motor:** Delivers 0 to 3,300 strokes per minute for versatile cutting.
- **4-Position Orbital Selection:** Adjusts blade movement for different materials and cutting speeds.
- **Integrated Laser Guide:** Provides a precise line of cut for improved accuracy.
- **LED Work Light:** Illuminates the workpiece for better visibility in various lighting conditions.
- **Tool-Free Quick Release Chuck:** Allows for fast and easy blade changes.
- **Dust Port and Blower:** Helps keep the cutting line clear of sawdust.
- **Beveling Footplate:** Adjustable up to 45 degrees for angled cuts.

▶ **Watch video online**

Product Overview Video

Video 2.1: Product Overview of the WEN 6.6-Amp Jig Saw, demonstrating its features and capabilities.

3. Setup and Assembly

3.1 Blade Installation

The WEN 33606 features a tool-free quick release chuck for easy blade changes.

1. Ensure the jig saw is unplugged from the power source.
2. Lift the blade clamp lever located near the blade shaft.
3. Insert the T-shank jig saw blade fully into the blade clamp opening until it clicks into place.
4. Release the blade clamp lever to secure the blade. Gently pull on the blade to ensure it is firmly seated.



Figure 3.1: Close-up view of the blade installation area, showing the quick-release chuck.

3.2 Attaching the Parallel Fence Bracket

The included parallel fence bracket assists in making straight cuts parallel to an edge.

1. Locate the two slots on the front of the jig saw's base plate.
2. Slide the parallel fence bracket into these slots.
3. Adjust the bracket to the desired cutting width and tighten the securing screws (if applicable, or note if it's a friction fit).

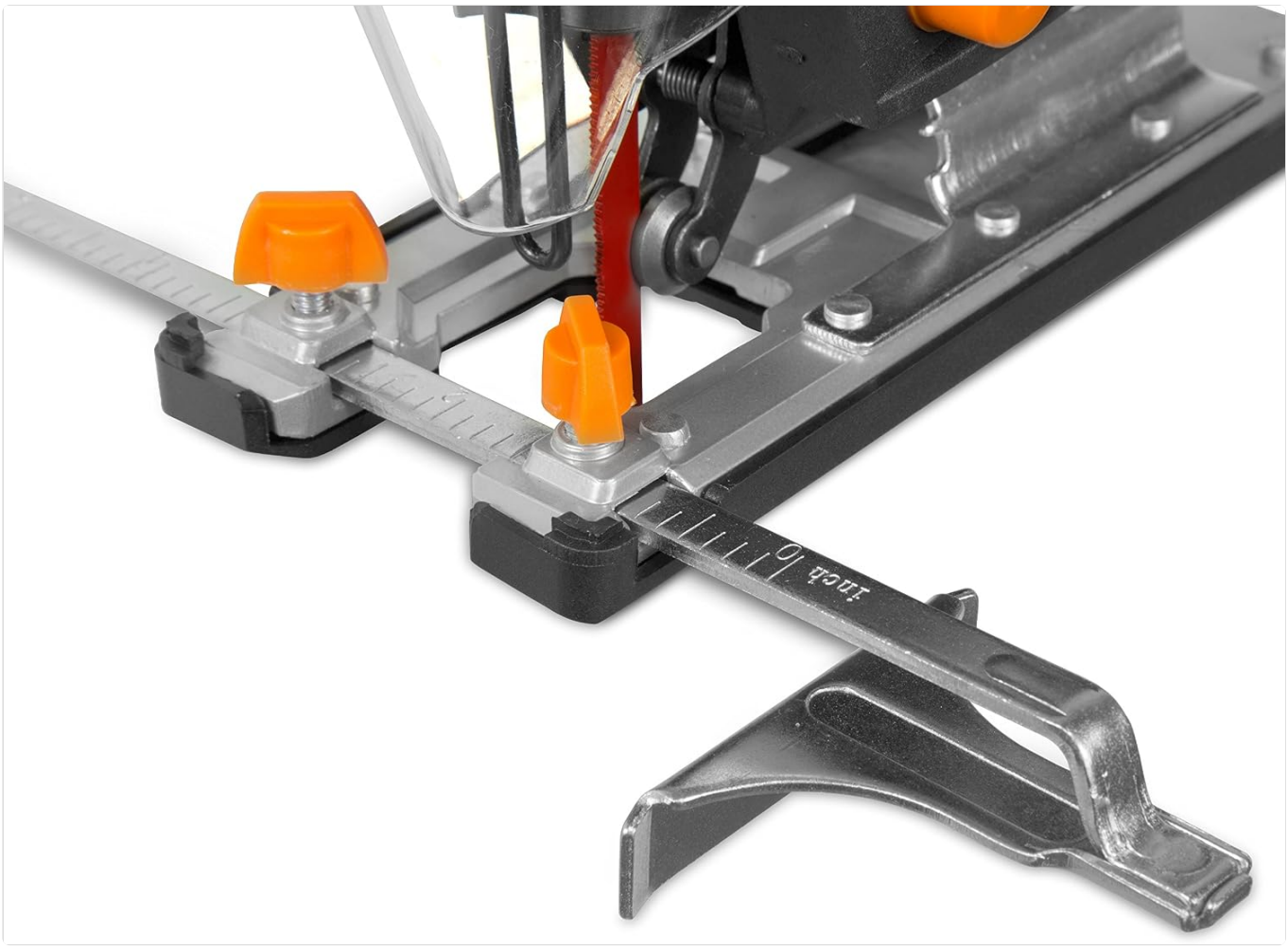

Figure 3.2: The jig saw with the parallel fence bracket attached, demonstrating its use for straight cuts.

3.3 Beveling Footplate Adjustment

The footplate can be beveled up to 45 degrees for angled cuts.

1. Loosen the screws or lever that secure the footplate to the main body of the jig saw.
2. Tilt the footplate to the desired angle (up to 45 degrees left or right). Use the angle markings on the footplate for reference.
3. Tighten the securing screws or lever firmly to lock the footplate in position.

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4. Operating Instructions

4.1 Powering On/Off and Variable Speed Control

To start the jig saw, press the trigger switch. The variable speed dial allows you to adjust the cutting speed from 0 to 3,300 strokes per minute (SPM).

- Turn the variable speed dial to select the appropriate speed for your material. Lower speeds are suitable for harder materials or intricate cuts, while higher speeds are for softer materials and faster cutting.
- For continuous operation, press the lock-on button while the trigger is depressed. To release, press the trigger again.



Figure 4.1: Side view of the jig saw, indicating the location of the variable speed dial and lock-on button.

4.2 Orbital Selection

The 4-position orbital selection knob changes the blade's cutting action. Position 0 is for straight cuts, while higher settings provide a more aggressive orbital action for faster cutting in softer materials.

- **Position 0:** No orbital action, for fine, precise cuts in wood, metal, and plastic.
- **Positions 1-3:** Increasing orbital action for faster, more aggressive cuts in wood and other soft materials.

4.3 Laser Guide and LED Light

The integrated laser and LED light assist in guiding your cuts and illuminating the workpiece.

- The laser projects a line onto the workpiece, indicating the cutting path.
- The LED light provides additional illumination, especially useful in dimly lit areas.



Figure 4.2: Close-up of the jig saw's front, showing the laser guide projecting a line and the LED light illuminating the area.

4.4 Dust Management

The jig saw is equipped with a 1-1/2-inch dust port and a front-mounted dust blower to maintain a clear cutting line.

- Connect a dust collection device to the rear dust port for efficient sawdust extraction.
- The dust blower directs air towards the cutting line, clearing debris.





Figure 4.3: Rear view of the jig saw, showing the dust port for connection to a dust collection system.

4.5 Cutting Capacity

This jig saw is capable of cutting various materials with specific thicknesses:

- Wood: Up to 4-1/4 inches thick.
- Metals: Up to 3/8 of an inch thick.



Figure 4.4: The WEN Jig Saw actively cutting a piece of wood, demonstrating its operational use.

5. Maintenance

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

5.1 Cleaning

- After each use, unplug the tool and use a brush or compressed air to remove sawdust and debris from the ventilation openings and around the blade area.
- Wipe down the exterior with a damp cloth. Do not use harsh chemicals or abrasive cleaners.

5.2 Blade Replacement

Replace blades when they become dull or damaged to ensure efficient and safe cutting. Refer to Section 3.1 for blade installation instructions.

5.3 Storage

Store the jig saw in a clean, dry place, out of reach of children and away from direct sunlight or extreme temperatures.

6. Troubleshooting

If you encounter issues with your WEN Jig Saw, refer to the following common troubleshooting tips:

Problem	Possible Cause	Solution
Tool does not start	No power supply; Faulty power cord; Trigger switch issue	Check power outlet and connections; Inspect power cord for damage; Contact customer support if switch is faulty.
Blade not cutting efficiently	Dull or incorrect blade; Incorrect speed/orbital setting	Replace with a sharp, appropriate blade for the material; Adjust speed and orbital setting.
Excessive vibration	Loose blade; Damaged blade; Worn internal components	Ensure blade is securely installed; Replace damaged blade; Contact customer support for inspection.
Laser guide not visible	Laser emitter obstructed or dirty; Laser malfunction	Clean the laser emitter window; Contact customer support if laser is faulty.

For issues not listed here or if solutions do not resolve the problem, please contact WEN customer support.

7. Specifications

Feature	Detail
Brand	WEN
Model	33606
Power Source	Corded Electric
Voltage	120 Volts
Current Rating	6.6 Amps
Wattage	792 watts
Speed	0-3300 SPM (Strokes Per Minute)
Blade Length	2 Inches (typical for T-shank blades)
Cutting Angle	45 Degrees (beveling)
Item Weight	5.4 Pounds
Product Dimensions (L x W x H)	9.38" x 3.25" x 8.63"
Surface Recommendation	Metal, Plastic, Wood

8. Warranty and Support

The WEN 33606 6.6-Amp Variable Speed Orbital Jig Saw comes backed by a two-year limited warranty.

For technical assistance, warranty claims, or general inquiries, please contact WEN customer support. WEN maintains a nationwide network of skilled service technicians and a friendly customer phone line to assist you.

For the most up-to-date contact information and warranty details, please visit the official WEN website or refer to the warranty card included with your product.

You can also visit the WEN Store on Amazon for more products and information.

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