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› Metabo STEB 140 Orbital Electronic Jig Saw Instruction Manual

Metabo STEB 140

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Model: STEB 140

1. INTRODUCTION

This instruction manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Metabo STEB 140 Orbital Electronic Jig Saw. Please read this manual thoroughly before using the tool to ensure proper handling and to prevent injury or damage.

The Metabo STEB 140 is engineered for superior safety, performance, and longevity, designed to meet the high demands of professional users in various applications, particularly for cutting wood.

2. SAFETY INFORMATION

Always observe basic safety precautions when using electric tools to reduce the risk of fire, electric shock, and personal injury.

- **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:** 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. Use hearing protection when operating for extended periods. Dress properly; avoid loose clothing or jewelry. Secure long hair.
- **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.
- **Specific Jig Saw Safety:**
 - Always ensure the workpiece is securely clamped or held.
 - Do not touch the blade immediately after use as it will be hot.
 - Ensure the blade is correctly installed and secured before starting.
 - Keep hands away from the cutting area.

3. PRODUCT FEATURES

The Metabo STEB 140 Orbital Electronic Jig Saw incorporates several features designed for enhanced performance and

user convenience:

- **Metabo "Quick" No-Tool Saw Blade Change:** Allows for rapid and effortless blade replacement with an automatic rejection mechanism.
- **Adjustable Footplate for Bevel Cuts:** The footplate can be adjusted without tools, featuring rest points for simple and precise bevel cuts.
- **Integrated LED Work Light:** Provides optimal illumination of the cutting line, improving visibility and accuracy.
- **Convenient Start Automatic:** Features automatic stroke acceleration when beginning to saw, ensuring a smooth and efficient start to cuts.
- **Adjustable Sole Plate:** Enhances versatility for various cutting angles and applications.



Figure 3.1: Front angled view of the Metabo STEB 140 Jig Saw, highlighting its compact design and blade area.

4. SETUP

4.1. Blade Installation

1. Ensure the jig saw is unplugged from the power source before installing or removing blades.
2. Locate the "Metabo Quick" blade change mechanism. This is typically a lever or button near the blade clamp.
3. Activate the mechanism to open the blade clamp.
4. Insert the shank of the appropriate jig saw blade into the clamp opening until it clicks securely into place. Ensure the teeth are facing forward.
5. Release the mechanism to lock the blade. Gently pull on the blade to confirm it is firmly seated.



Figure 4.1: Side view of the Metabo STEB 140 Jig Saw, showing the blade and footplate assembly.

4.2. Adjusting the Footplate for Bevel Cuts

1. Unplug the tool.
2. Locate the footplate adjustment lever or knob, usually at the front underside of the tool.
3. Loosen the locking mechanism.
4. Tilt the footplate to the desired angle. The tool features rest points for common angles (e.g., 0°, 15°, 30°, 45°).
5. Once the desired angle is set, tighten the locking mechanism to secure the footplate firmly in position.



Figure 4.2: Angled view of the Metabo STEB 140 Jig Saw, demonstrating the adjustable footplate for bevel cuts.

5. OPERATING INSTRUCTIONS

5.1. Powering On/Off

- To turn the jig saw ON, press the power switch.
- To turn the jig saw OFF, release the power switch. Some models may have a lock-on button for continuous operation, which must be pressed again to release and turn off the tool.

5.2. Using the "Convenient Start Automatic"

The "Convenient Start Automatic" feature provides automatic stroke acceleration. When you begin a cut, the tool will gradually increase its stroke rate to the set speed, allowing for a smoother and more controlled start, especially when plunging into material. Simply press the trigger to initiate this function.

5.3. Cutting Techniques

- **Straight Cuts:** Guide the jig saw along a marked line, applying steady, even pressure. Ensure the footplate is flat

against the workpiece.

- **Curved Cuts:** For intricate curves, use a narrower blade. Guide the tool slowly, allowing the blade to follow the curve without forcing it.
- **Bevel Cuts:** After adjusting the footplate to the desired angle (as described in Section 4.2), proceed with the cut, maintaining the angle throughout.
- **Material Considerations:** While the tool is recommended for wood, different blade types are available for various materials. Always use the correct blade for the material being cut.

5.4. Integrated LED Work Light

The integrated LED work light automatically illuminates the cutting line when the tool is in operation. This feature enhances visibility, especially in dimly lit environments, ensuring greater accuracy and safety during cuts.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Metabo STEB 140 Jig Saw. Always unplug the tool before performing any maintenance.

- **Cleaning:** After each use, clean the tool with a soft cloth. Remove sawdust and debris from the ventilation openings to prevent overheating. Do not use harsh chemicals or abrasive cleaners.
- **Blade Care:** Inspect blades regularly for sharpness and damage. Replace dull or bent blades immediately to ensure clean cuts and prevent strain on the tool.
- **Cord Inspection:** Periodically check the power cord for any signs of damage, cuts, or fraying. If damaged, have it repaired by a qualified service technician.
- **Storage:** Store the jig saw in a dry, secure place, out of reach of children.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your Metabo STEB 140 Jig Saw.

Problem	Possible Cause	Solution
Tool does not start.	No power supply; faulty switch; damaged cord.	Check power outlet and cord. If problem persists, contact service.
Blade not cutting efficiently or binding.	Dull or incorrect blade; excessive feed pressure; wrong orbital setting.	Replace blade. Reduce feed pressure. Adjust orbital setting for material.
Excessive vibration or noise.	Loose blade; damaged blade; internal component issue.	Ensure blade is securely installed. Replace damaged blade. If noise persists, seek professional service.
Bevel cuts are inaccurate.	Footplate not securely tightened; incorrect angle setting.	Ensure footplate locking mechanism is fully engaged. Re-check angle setting.

8. SPECIFICATIONS

Key technical specifications for the Metabo STEB 140 Orbital Electronic Jig Saw:

Attribute	Detail
Model Number	STEB 140

Attribute	Detail
Brand	Metabo
Power Source	Corded Electric (750 Watts)
Blade Material	High Speed Steel
Surface Recommendation	Wood
Item Weight	5.5 pounds (2.5 Kilograms)
Product Dimensions	10.5 x 2 x 2 inches
Special Features	Metabo Quick
Material	Plastic (housing)
Included Components	1 Metabo Branded Product

9. WARRANTY AND SUPPORT

9.1. Warranty Information

The Metabo STEB 140 Orbital Electronic Jig Saw comes with a **3-year limited warranty**. A **1-year standard warranty** is also mentioned. Please refer to the official Metabo warranty documentation provided with your purchase for full terms and conditions.

9.2. Customer Support

For technical assistance, spare parts, or warranty claims, please contact Metabo customer support. You can find contact information on the official Metabo website or through your authorized dealer.

[Visit the Official Metabo Store on Amazon](#) for more information and product offerings.

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