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BLACK+DECKER MTJS1-XJ

BLACK+DECKER MTJS1-XJ Multi-Evo Jigsaw Attachment User Manual

Model: MTJS1-XJ

1. INTRODUCTION

The BLACK+DECKER MTJS1-XJ Jigsaw Attachment is designed to be used with the BLACK+DECKER Multi-Evo multi-tool system. This attachment transforms your Multi-Evo base unit into a versatile jigsaw, enabling precise and efficient cutting of various materials, primarily wood and plastic. It is an integral part of the Multi-Evo system, offering adaptability and convenience for a range of DIY and professional tasks.



Image 1.1: The BLACK+DECKER Multi-Evo tool with the Jigsaw Attachment installed, ready for use.

2. SAFETY INFORMATION

Always adhere to general power tool safety guidelines when operating the BLACK+DECKER MTJS1-XJ Jigsaw Attachment. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

- **Read the entire manual:** Familiarize yourself with the tool's functions and safety precautions before operation.
- **Wear appropriate personal protective equipment (PPE):** Always wear safety glasses or goggles. Hearing protection, dust masks, and gloves are also recommended depending on the task.
- **Ensure the workpiece is secure:** Clamp or otherwise stabilize the material being cut to prevent movement during operation.
- **Keep work area clean and well-lit:** Cluttered or dark areas invite accidents.
- **Avoid unintentional starting:** Ensure the Multi-Evo base unit is switched off before attaching or detaching the jigsaw head or changing blades.
- **Do not overreach:** Maintain proper footing and balance at all times.
- **Disconnect power:** Always disconnect the Multi-Evo base unit from its power source (remove battery or unplug cord) before making any adjustments, changing accessories, or performing maintenance.
- **Use correct blades:** Only use jigsaw blades designed for the specific material you are cutting.

3. PACKAGE CONTENTS

Verify that all items are present upon unpacking:

- 1 x BLACK+DECKER MTJS1-XJ Jigsaw Attachment
- 5 x Wood Blades



Image 3.1: The BLACK+DECKER MTJS1-XJ Jigsaw Attachment along with the included set of 5 wood blades.

4. SETUP

4.1 Attaching the Jigsaw Head

1. Ensure the BLACK+DECKER Multi-Evo base unit is switched off and the battery pack is removed (if cordless) or unplugged (if corded).
2. Align the jigsaw attachment with the Multi-Evo base unit's head.
3. Push the attachment firmly onto the base unit until it clicks securely into place.
4. Verify that the attachment is fully seated and locked before proceeding.

4.2 Blade Installation

The MTJS1-XJ Jigsaw Attachment features a tool-free blade change mechanism for quick and easy blade swapping.

1. Ensure the Multi-Evo base unit is disconnected from power.

2. Locate the blade clamp lever on the front of the jigsaw attachment.
3. Push the blade clamp lever to open the blade slot.
4. Insert the shank of the jigsaw blade into the slot, ensuring the teeth face forward.
5. Release the blade clamp lever. The blade should be held firmly in place. Gently pull on the blade to confirm it is secure.



Image 4.2.1: Demonstrating the tool-free blade insertion process into the jigsaw attachment.

5. OPERATING INSTRUCTIONS

5.1 General Operation

1. Ensure the correct blade is installed for the material you intend to cut. The included blades are for wood.
2. Secure your workpiece to prevent movement during cutting.
3. Connect the Multi-Evo base unit to its power source.
4. Hold the tool firmly with both hands.
5. Place the shoe of the jigsaw attachment flat against the workpiece.
6. Start the tool by pressing the trigger on the Multi-Evo base unit. Allow the blade to reach full speed before engaging the material.
7. Guide the tool along the cutting line with steady, even pressure. Do not force the tool; let the blade do the work.
8. When finished, release the trigger and wait for the blade to stop completely before lifting the tool from the workpiece.

5.2 Cutting Techniques

The jigsaw attachment is suitable for cutting various materials, including wood and plastic, and excels at both straight and curved cuts.

- **Straight Cuts:** For long, straight cuts, use a straight edge guide (not included) clamped to the workpiece to ensure accuracy.
- **Curved Cuts:** The variable speed feature of the Multi-Evo base unit allows for ultimate control, which is particularly useful when performing detailed curved cuts. Reduce speed for tighter curves and increased control.
- **Plunge Cuts:** For internal cuts, drill a pilot hole large enough for the jigsaw blade to enter before starting the cut.



Image 5.2.1: The jigsaw attachment being used to make a precise cut in a wooden door frame.



Image 5.2.2: Demonstrating the tool's capability for making curved cuts in wood.



Image 5.2.3: The jigsaw attachment in use for cutting wooden decking boards.



Image 5.2.4: A user operating the jigsaw attachment to cut a wooden board on a workbench.

5.3 Performance Notes

- On a single charge (with a compatible Multi-Evo base unit and battery), the jigsaw attachment can cut approximately 19.5 meters of laminate flooring.
- The 500 strokes per minute with a 13mm stroke length ensures a fast and fine cut.

6. MAINTENANCE

6.1 Cleaning

- Always disconnect the Multi-Evo base unit from its power source before cleaning.
- Wipe the tool's exterior with a damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Clear any sawdust or debris from the blade area and ventilation slots using a brush or compressed air.

6.2 Blade Care and Replacement

- Inspect blades regularly for sharpness and damage. Dull or damaged blades can cause inefficient cutting and potential kickback.
- Replace blades as needed following the instructions in Section 4.2.
- Store blades in a protective case to prevent damage and injury.

6.3 Storage

- Store the jigsaw attachment and Multi-Evo base unit in a dry, secure location, out of reach of children.
- Avoid storing in areas with extreme temperatures or high humidity.

7. TROUBLESHOOTING

If you encounter issues with your BLACK+DECKER MTJS1-XJ Jigsaw Attachment, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Tool does not start	Multi-Evo base unit not powered; battery low/dead (if cordless); attachment not properly secured.	Ensure base unit is plugged in or battery is charged and inserted correctly. Re-attach jigsaw head securely.
Blade not cutting efficiently or binding	Dull or incorrect blade; forcing the tool; workpiece not secured.	Replace with a sharp, appropriate blade. Reduce feed pressure. Secure workpiece firmly.
Excessive vibration	Loose blade; damaged blade; attachment not fully secured.	Check blade installation. Replace damaged blade. Ensure attachment is locked onto the base unit.

8. SPECIFICATIONS

Key technical specifications for the BLACK+DECKER MTJS1-XJ Jigsaw Attachment:

Feature	Detail
Model Number	MTJS1-XJ
Brand	BLACK+DECKER
Included Components	1 Jigsaw Attachment, 5 Wood Blades
Blade Material	Metal
Blade Length	13 Millimetres
Number of Teeth (on included blades)	5
Stroke Speed	500 strokes per minute
Surface Recommendation	Plastic, Wood
Product Dimensions (L x W x H)	18L x 13.5W x 9.5H Centimeters
Item Weight	0.66 Kilograms (660 g)
Power Source	Requires BLACK+DECKER Multi-Evo base unit (Corded Electric or Battery)

Feature	Detail
Special Feature	Ergonomic design, Tool-free blade change

9. WARRANTY AND SUPPORT

9.1 Warranty Information

The BLACK+DECKER MTJS1-XJ Multi-Evo Jigsaw Attachment comes with a **1-year warranty** provided by the manufacturer from the date of purchase. Please retain your proof of purchase for warranty claims.

9.2 Customer Support

For any warranty-related issues, product feedback, or technical assistance, please contact BLACK+DECKER customer care:

- **Customer Care Number:** 1860-425-1111
- **Operating Hours:** 10 AM to 5 PM, Monday to Friday (except government holidays)

Manufacturer: BLACK+DECKER, Stanley Black & Decker India Pvt Limited, GAT NO. 135. 137 & 157. PO Mahalunge Talukha - Khed Pune 410501. India.

