

## DIYtoolifz SKU1206-D-Ma

# DIYtoolifz Cordless Oscillating Tool (SKU1206-D-Ma) User Manual

Brand: DIYtoolifz

## 1. INTRODUCTION

---

This manual provides essential information for the safe and effective operation of your DIYtoolifz Cordless Oscillating Tool, Model SKU1206-D-Ma. This versatile tool is designed for various tasks including cutting, sanding, and scraping, offering cordless convenience and compatibility with Milwaukee 18V lithium-ion batteries (battery not included).

The tool features a powerful brushless motor, 6 variable speed settings (8500-21000 OPM), an integrated LED light for improved visibility, and a 4-degree oscillation angle for precise work in confined spaces.



Image 1.1: The DIYtoolifz Cordless Oscillating Tool highlighting its brushless motor and cordless design.

## 2. SAFETY INFORMATION

---

Always adhere to basic safety precautions when using power tools to reduce the risk of injury. Read and understand all instructions before operation.

- **Wear Eye Protection:** Always wear appropriate eye protection that complies with current national standards.

- **Keep Work Area Clean:** Cluttered or dark areas invite accidents.
- **Avoid Dangerous Environments:** Do not use power tools in damp or wet locations, or expose them to rain.
- **Disconnect Power:** Always disconnect the battery pack from the tool before making any adjustments, changing accessories, or storing the tool.
- **Secure Workpiece:** Use clamps or other practical ways to secure and support the workpiece to a stable platform. Holding the work by hand or against your body is unstable and may lead to loss of control.
- **Use Correct Tool:** Do not force the tool or attachment to do a job for which it was not designed.
- **Maintain Tools With Care:** Keep cutting tools sharp and clean for better and safer performance. Follow instructions for lubricating and changing accessories.
- **Stay Alert:** Watch what you are doing, use common sense, and do not operate a power tool when you are tired.

### 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 x Cordless Oscillating Tool
- 1 x Auxiliary Handle
- 3 x Straight Saw Blades
- 1 x Segment Saw Blade
- 1 x Flexible Scraper
- 1 x Sanding Pad Holder
- 15 x Sanding Papers
- 1 x User Manual



Image 3.1: The DIYtoolifz Cordless Oscillating Tool shown with all included accessories.

## 4. PRODUCT OVERVIEW

Familiarize yourself with the components of your oscillating tool before use.

# MULTI-FUNCTIONAL TOOL KIT



Image 4.1: Detailed diagram illustrating the various parts of the DIYtoolifz Cordless Oscillating Tool.

- **Quick Release Lever:** For tool-free accessory changes.
- **Accessory Holder:** Secures blades and sanding pads.
- **ON/OFF Switch:** Activates and deactivates the tool.
- **Rear Handle:** Main gripping area for control.
- **Variable Speed Dial:** Adjusts oscillation speed.
- **LED Light:** Illuminates the work area.
- **Auxiliary Handle Mount:** Point for attaching the auxiliary handle.
- **Battery Compartment:** For Milwaukee 18V battery (not included).

## 5. SETUP

### 5.1 Battery Installation

This tool is compatible with Milwaukee 18V lithium-ion batteries. Ensure the battery is fully charged before use.

1. Align the battery pack with the battery compartment on the tool.
2. Slide the battery pack into the compartment until it clicks securely into place.

3. To remove, press the battery release button and slide the battery pack out.



Image 5.1: The oscillating tool demonstrating compatibility with Milwaukee 18V batteries. Battery not included.

## 5.2 Accessory Installation (Tool-Free Quick Blade Installation)

The tool features a quick-release system for easy and tool-free accessory changes.

1. Lift the quick release lever to 180 degrees to unlock the accessory holder.
2. Align the desired accessory (e.g., saw blade, sanding pad) with the accessory holder and push it firmly into place.
3. Push the quick release lever back down until it locks securely, holding the accessory in position.



Image 5.2: Step-by-step guide for tool-free and quick blade installation.

### 5.3 Auxiliary Handle Installation

The auxiliary handle can be installed on either side of the tool to enhance control and reduce fatigue during operation.

1. Locate the threaded mounting points on the tool's head.
2. Screw the auxiliary handle into the desired mounting point until it is firmly secured.

# 2

## POSITION SIDE HANDLE

The installation of the handle can increase cutting force, stabilize the cutting position and direction, and can be installed on both the left and right sides.



Image 5.3: The oscillating tool with the auxiliary handle attached, illustrating its two-position capability.

## 6. OPERATING INSTRUCTIONS

### 6.1 Powering On/Off

To turn the tool ON, slide the ON/OFF switch to the 'ON' position. To turn it OFF, slide the switch to the 'OFF' position.

### 6.2 Variable Speed Control

The tool features a 6-speed variable speed dial, allowing you to adjust the oscillation rate from 8500 to 21000 OPM (Oscillations Per Minute). Select a speed appropriate for the material and task:

- Lower speeds (1-3) are suitable for delicate materials, sanding, or when more control is required.
- Higher speeds (4-6) are ideal for aggressive cutting, scraping, or working with harder materials.

### 6.3 LED Work Light

The integrated LED light automatically illuminates when the tool is in operation, providing enhanced visibility in dimly lit work areas or when working in confined spaces.



Image 6.1: The oscillating tool's LED light illuminating a narrow work area, demonstrating its 4-degree oscillation angle.

## 6.4 Applications

The DIYtoolifz Cordless Oscillating Tool is designed for a wide range of applications:

- **Cutting:** Use appropriate blades for cutting wood, drywall, plastic, and even nails.
- **Sanding:** Attach the sanding pad and sandpaper for surface preparation, smoothing, or finishing.
- **Scraping:** Utilize the flexible scraper for removing paint, adhesive, or caulk.
- **Grout Removal:** Specialized blades can be used for removing old grout.

# PRODUCT STRUCTURE

DIYTOOLIFZ



Image 6.2: Examples of the multi-functional capabilities of the oscillating tool, including cutting nails, wood, square holes, scraping wallpaper, sanding wood, and sawing pipes.

## 7. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your tool.

- **Cleaning:** After each use, clean the tool with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure ventilation openings are free from dust and debris.
- **Accessory Care:** Inspect blades and sanding pads before and after each use. Replace worn or damaged accessories promptly. Keep blades sharp for efficient cutting.
- **Storage:** Store the tool and accessories in a dry, secure location, out of reach of children. Disconnect the battery pack before storing.
- **Battery Care:** Store batteries in a cool, dry place. Do not store fully discharged batteries for extended periods.

## 8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Tool does not start	Battery not installed correctly Battery discharged ON/OFF switch faulty	Ensure battery is fully seated Charge battery Contact customer support
Reduced performance/power	Battery low Accessory dull or damaged Overload protection activated	Charge battery Replace accessory Reduce pressure, allow tool to cool
Excessive vibration/noise	Accessory not properly secured Damaged accessory Internal component issue	Re-secure accessory Replace accessory Contact customer support

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

## 9. SPECIFICATIONS

Feature	Specification
Brand	DIYtoolifz
Model Number	SKU1206-D-Ma
Power Source	Battery Powered (Milwaukee 18V compatible)
Voltage	18 Volts
Oscillation Speed	8500-21000 OPM (6 Variable Speeds)
Oscillation Angle	4 Degrees
Motor Type	Brushless
Product Dimensions	5.08 x 5.08 x 2.54 cm
Item Weight	454 g
Batteries Included	No
Country of Origin	China

## 10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official DIYtoolifz website. Keep your proof of purchase for any warranty claims.

