

Avid Power®

**MW146
Oscillating Tool**



AVID POWER MW146 Oscillating Tool User Manual

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AVID POWER MW146 Oscillating Tool



Launch Date: 2023

Price: \$59.99

Introduction

The AVID POWER MW146 Oscillating Tool is a useful and flexible tool that can be used for many do-it-yourself and home improvement projects. It has a 3.5-amp motor that works well for cutting, cleaning, scraping, and getting rid of grout. The tool can be changed for different materials and projects thanks to its changeable speed control, which goes from 15,000 to 22,000 OPM. The AVID POWER MW146 is great for both professionals and beginners because it is lightweight and easy to use. Its quick-change system makes it easy to switch blades. It can also do a lot of different jobs because it comes with a lot of different tools. For example, it can trim and sand, remove grout, and scrape. You can use the AVID POWER MW146 on metal, wood, or bricks, and it will help you do the job quickly and accurately.

Specifications

- **Brand:** AVID POWER
- **Color:** Red
- **Material:** Metal, Acrylonitrile Butadiene Styrene (ABS)
- **Blade Material:** High-Speed Steel
- **Surface Recommendation:** For indoor use
- **Power Source:** Corded Electric
- **Voltage:** 120V

- **Current Rating:** 3.5 Amps
- **Wattage:** 420W
- **Speed:** 15,000–22,000 RPM (Variable Speed)
- **Cutting Angle:** 4.5 Degrees (More efficient cutting)
- **Blade Shape:** Rectangular
- **Handle Material:** Plastic or Rubber Composite
- **Weight:** 3.6 Pounds
- **Item Dimensions:** 12.56"L x 5.79"W x 4.29"H
- **Warranty Type:** Limited Warranty
- **Country of Origin:** China
- **Item Model Number:** MW146

Package Includes

- 1x Avid Power 3.5-Amp Oscillating Tool
- 1 x Sanding Pad
- 1 x Plunge Saw Blade
- 1 x Wood/Plastic Plunge Blade,
- 1 x Semicircle Saw Blade
- 1 x Rigid Scraper Blade
- 5 x Sanding Papers
- 1 x Side Handle
- 1 x Tool Bag

Features

1. **Motor with 3.5 Amps of Power:** The AVID POWER MW146 has a strong 3.5-amp motor that gives it enough power for tough jobs. This tool can cut through tough things like metal, thick wood, and more. The strong motor makes sure that you can get things done quickly and easily.
2. **Variable Speed Control (15,000–22,000 OPM):** The AVID POWER MW146 has a 6-speed switch that lets you precisely control the speed, which can range from 15,000 to 22,000 cycles per minute (OPM). This means that users can change the speed depending on the job, whether they need more power for tough jobs or a slower speed for fine work.
3. **Quick Blade Change System:** The AVID POWER MW146 has a quick-change system that lets you switch blades and attachments without using any tools. You can switch from one accessory to another without a wrench by using a simple locking button. This saves you time and effort.



4. The AVID POWER MW146 is made to be comfortable to use. It has a soft, non-slip grip that keeps you in control even when you're using it for a long time. The comfortable design keeps your hands from getting tired, which lets you be more precise and handle things better. The extra handle also makes the tool more stable and easier to use.
5. **A Lot of Uses:** The AVID POWER MW146 can do many things, like cutting metal, wood, and drywall, as well as sanding, cleaning, and removing grout. It is a flexible tool that can be used in a lot of different ways around the house and in the workshop. The tool can be used to cut lines, trim door casings, and get rid of old paint or sealant if it has the right attachments.
6. **Small and Lightweight:** The AVID POWER MW146 is small and light, weighing only 3.6 pounds. This makes it easy to move around, especially in tight or hard-to-reach places. Because it's portable, it's great for both do-it-yourselfers at home and workers who need to be on the go.
7. **4.5° Oscillation Angle for More Efficient Work:** The AVID POWER MW146 has a 5° oscillation angle, which makes it more efficient than other rotating tools. It speeds up the cutting process, making it up to four to five times faster when cutting wood and two to three times faster when cutting metal tubes.



8. **Quick-Change Accessory System:** The locking level makes sure that blades and extensions stay in place, giving the clamping force its fullest. This quick-change method makes it easy to switch accessories, which speeds up your work and saves you time.
9. **Universal Fit System:** The AVID POWER MW146 has a universal fit system, which means that most other brands' tools will work with it. This makes things easier because blades, sanding pads, and other devices that work with it are easy to find.
10. **13-Piece Accessory Kit:** The AVID POWER MW146 comes with a set of 13 accessories, which includes:
 - 1 plunge saw blade
 - 1 plunge blade made of wood or plastic
 - 1 x Half-circle Saw Blade
 - 1 rigid scraper blade
11. **One sanding pad**

5 sheets of sand paper Because these extras can be used in different ways, the tool is ready to do many things right out of the box.
12. **Works on a Variety of Materials:** The AVID POWER MW146 Oscillating Tool is very flexible and can be used on many different types of materials, such as metal, wood, plastic, pottery, drywall, and more. This tool can handle big or small projects, like home fixes, renovations, or do-it-yourself jobs.
13. **Protected Well:** The tool has a safe attachment system that keeps the blade from slipping and keeps your items in place while it's working. Accidents and broken tools are less likely to happen this way.
14. **2-Position Handle:** The tool has a handle that can be used in two different positions. This gives users more control and comfort when using the tool in different situations. This makes it easier to move and stay stable, especially when working in small areas or at odd angles.
15. **Tools that can be used for many home repair tasks:** The AVID POWER MW146 Oscillating Tool is great for

many home improvement tasks, including

- Getting through brick, metal, nails, and bolts
- Doing work with pipes, concrete, and wood
- Getting rid of old seals, paint, and grout
- Putting trim around doorways and floors
- Cutting holes in walls and more

16. Details about the motor and speed:

- 3.5 amps of motor power
- Speed with no load: 15,000 to 22,000 RPM
- Angle of oscillation: 4.5°
- Power: 120V/60Hz
- It weighs 3.6 pounds.

Usage

- **Cutting:** Use the saw blades to cut through wood, metal, drywall, and plastic.
- **Sanding:** The included sanding pad and sheets are ideal for smoothing surfaces and removing paint or rust.
- **Grinding & Scraping:** Use the scraper blade to remove adhesives, grout, and other materials. The grinding attachments can help in smoothing rough edges or surfaces.
- **Precision Work:** Its compact design makes it suitable for detail-oriented tasks in tight spaces.
- **Home Repairs & DIY Projects:** This tool is great for small to medium-sized projects around the home or for professional use in construction and renovation.

Care and Maintenance

- **Blade Maintenance:** Regularly check the blades and accessories for wear and tear. Replace them if necessary to maintain performance and safety.
- **Cleaning:** After each use, clean the tool with a dry cloth to remove dust and debris. You may also use compressed air to clean hard-to-reach areas.
- **Lubrication:** Periodically lubricate the oscillating mechanism and moving parts to ensure smooth operation.
- **Storage:** Store the tool in its carrying case to protect it from dust and moisture. Ensure the tool is stored in a cool, dry place when not in use.
- **Cord Maintenance:** Inspect the power cord regularly for any damage. If damaged, stop using the tool and replace the cord.

Troubleshooting

Tool Not Turning On:

- Ensure the power cord is properly plugged in and the outlet is functional.
- Check the fuse or circuit breaker if using an extension cord.
- Inspect the power switch for any issues.

Tool Overheating:

- Allow the tool to cool down before continuing use.
- Make sure you’re not overloading the tool with tasks it’s not designed for.
- Clean the tool’s vents to prevent overheating.

Excessive Vibration:

- Ensure the attachments are securely fitted.
- Check the condition of the blades and replace them if they are damaged or excessively worn.

Poor Cutting Performance:

- Ensure the speed setting is appropriate for the material you are cutting.
- Inspect the blade to ensure it’s sharp and in good condition.

Pros and Cons

Pros	Cons
Powerful 3.5 Amp motor	Corded design limits mobility
Quick-change blade system	May require extension cord
Versatile with multiple accessories	Some users may find it heavy
Ergonomic design enhances comfort	Limited battery life (cord required)

Contact Information

For customer support or inquiries about your AVID POWER Oscillating Tool, please contact:

- Email: support@avidpower.com
- Phone: [800-555-0199](tel:800-555-0199)

Warranty

The AVID POWER Oscillating Tool comes with a limited warranty covering defects in materials and workmanship for one year from the date of purchase. For warranty claims, retain your receipt and contact customer support.

FAQs

What is the motor power of the AVID POWER MW146 Oscillating Tool?

The AVID POWER MW146 is equipped with a powerful 3.5-amp motor that ensures efficient performance for a variety of tasks like cutting, sanding, and scraping.

How many speed settings does the AVID POWER MW146 Oscillating Tool have?

The AVID POWER MW146 features six-speed settings, allowing you to adjust the oscillation speed between 15,000 to 22,000 OPM for different applications.

What types of materials can the AVID POWER MW146 handle?

The AVID POWER MW146 is capable of cutting, sanding, and scraping a wide variety of materials including wood, metal, tile, plastic, and drywall.

What is the oscillation angle of the AVID POWER MW146?

The AVID POWER MW146 offers an oscillation angle of 4.5 degrees, which enhances cutting efficiency compared to standard oscillating tools.

How much does the AVID POWER MW146 Oscillating Tool weigh?

The AVID POWER MW146 weighs 3.6 pounds, making it lightweight and easy to maneuver during use, even in tight spaces.

What is included in the package with the AVID POWER MW146?

The package includes the AVID POWER MW146 Oscillating Tool, along with multiple attachments like plunge saw blades, sanding papers, and a tool bag for easy storage.

How does the ergonomic design of the AVID POWER MW146 enhance comfort?

The AVID POWER MW146 features a soft, anti-slip grip and an auxiliary handle that provide increased comfort and control during extended use.

What types of blades come with the AVID POWER MW146?

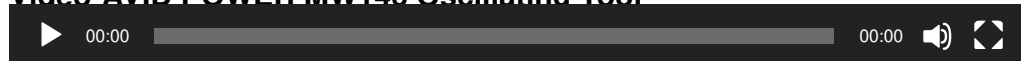
The AVID POWER MW146 comes with a variety of blades, including plunge saw blades, wood/plastic

plunge blades, and rigid scraper blades, for different tasks.

What safety features does the AVID POWER MW146 have?

The AVID POWER MW146 includes a protective guard to prevent blade slippage and ensures safe operation during use.

Video-AVID POWER MW146 Oscillating Tool



<https://www.manuals.plus/wp-content/uploads/2024/12/AVID-POWER-MW146-Oscillating-Tool-.mp4>

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