

VISLONE 778520bd-c713-4a62-88eb-085029215812

VISLONE 100W Mini Table Saw

Model: 778520bd-c713-4a62-88eb-085029215812

INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation, maintenance, and troubleshooting of your new VISLONE 100W Mini Table Saw. Please read this manual thoroughly before initial use to ensure proper handling and to maximize the lifespan of your tool. Keep this manual for future reference.

SAFETY INFORMATION

Always prioritize safety when operating power tools. Failure to follow these instructions may result in serious injury or damage to the tool.

- **Read all instructions:** Familiarize yourself with the tool's functions and operating procedures before use.
- **Wear appropriate personal protective equipment (PPE):** Always wear safety glasses, hearing protection, and a dust mask. Avoid loose clothing or jewelry that could get caught in moving parts.
- **Ensure a safe work environment:** Keep your work area clean, well-lit, and free from clutter. Do not operate the saw in damp or wet conditions.
- **Secure the workpiece:** Always clamp or secure the material being cut to prevent movement during operation.
- **Keep hands clear:** Never place hands near the saw blade while the tool is powered on or connected to power.
- **Unplug when not in use or during maintenance:** Always disconnect the power cord before changing blades, making adjustments, or performing any maintenance.
- **Use the correct blade:** Ensure the saw blade is appropriate for the material being cut and is securely installed.
- **Avoid forcing the tool:** Allow the saw to cut at its own pace. Forcing it can lead to kickback or damage.
- **Supervise children:** This tool is not a toy. Keep children and unauthorized persons away from the operating area.

PACKAGE CONTENTS

Carefully unpack the box and ensure all items are present and undamaged. If any items are missing or damaged, contact customer support immediately.

- Mini Table Saw Unit
- Power Adapter
- Screwdriver
- Wrenches (Hex Wrench)
- Drill Chuck
- Felt Wheel
- Sponge Wheel
- Sticky Wheel
- Titanium-plated Emery Saw Blade
- Resin Saw Blade
- Steel Saw Blade
- Alloy Saw Blade
- Sanding Pieces
- Flexible Shaft
- Grinding Stones
- Sanding Papers
- Felt Polishing Wheels
- Sanding Slim Bands
- Sanding Bands
- Cutting Discs
- Small Sanding Papers
- Sanding Drums
- Wheel Mandrel
- Felt Mandrel
- Stone Grinding Bits
- Brush
- User Manual (this document)

STRUCTURE INTRODUCTION

Familiarize yourself with the main components of the mini table saw:

STRUCTURE INTRODUCTION

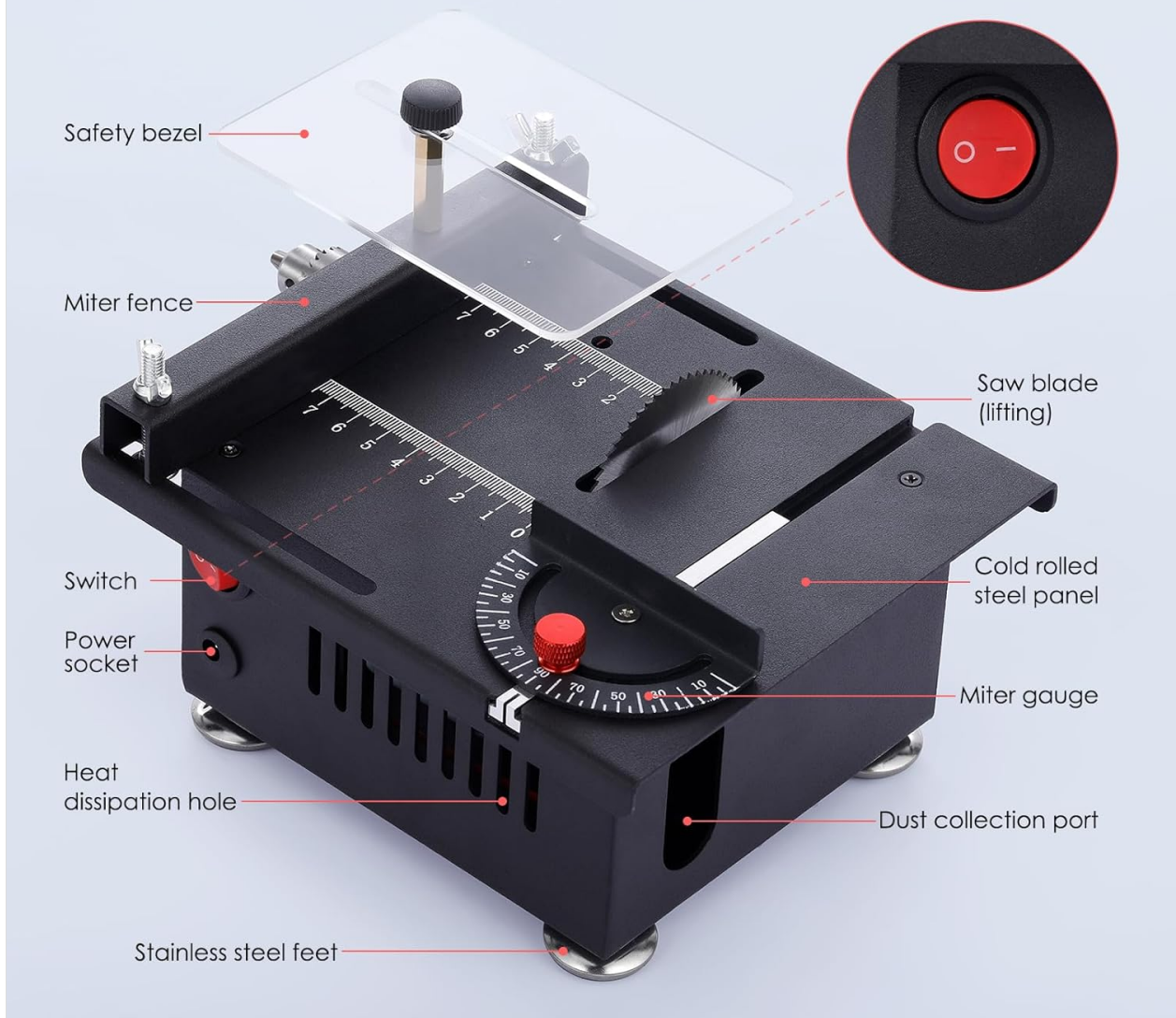


Image Description: This diagram illustrates the key parts of the mini table saw, including the safety bezel, miter fence, saw blade (lifting mechanism), switch, power socket, heat dissipation holes, cold rolled steel panel, miter gauge, dust collection port, and stainless steel feet.

- **Safety Bezel:** Transparent guard to protect against debris.
- **Miter Fence:** Adjustable guide for precise angle cuts.
- **Saw Blade (Lifting):** The cutting blade with an adjustable height mechanism.
- **Switch:** Power on/off button.
- **Power Socket:** Connection point for the power adapter.
- **Heat Dissipation Hole:** Vents for cooling the motor.
- **Cold Rolled Steel Panel:** Durable and stable work surface.
- **Miter Gauge:** Scale for setting cutting angles.
- **Dust Collection Port:** Outlet for connecting a dust extraction system.
- **Stainless Steel Feet:** Anti-slip and shock-absorbing feet for stability.

SETUP

1. Initial Inspection

Before connecting to power, inspect the saw for any visible damage. Ensure all components are securely fastened.

2. Power Connection

Connect the provided power adapter to the power socket on the saw and then plug it into a suitable electrical outlet (240V). Ensure the power switch is in the 'OFF' position before plugging in.

3. Installing the Miter Fence

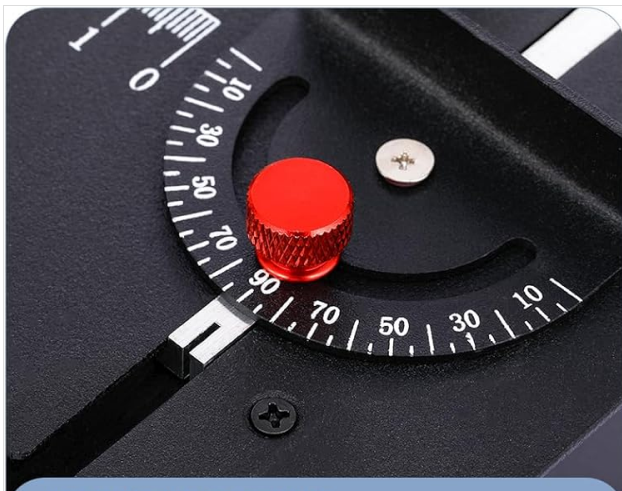
The miter fence is crucial for accurate cuts. Align the scales on both sides when installing the miter fence, then tighten the screws to secure it. This allows for precise 90-degree or 45-degree angle cutting.



Image Description: This image demonstrates how to install the miter fence, showing alignment with the scales for both 90-degree and 45-degree angle cutting. The maximum cut width is 3.54 inches (9 cm).

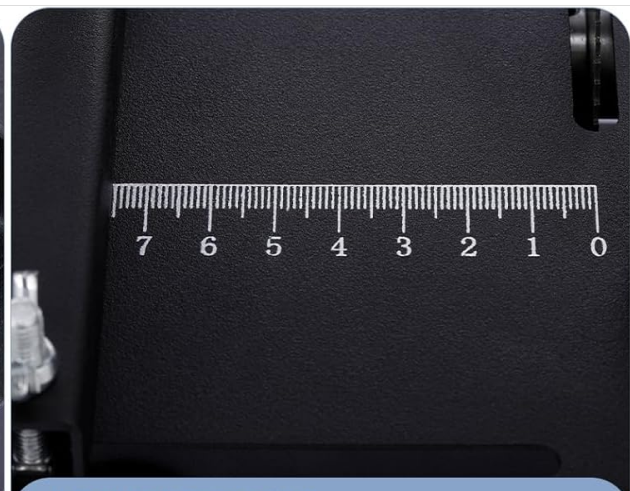
4. Adjusting Saw Blade Height

The saw blade's cutting depth can be adjusted from 0 to 16mm. Use the included hex wrench to adjust the blade height. Rotate clockwise to lift the blade and counter-clockwise to lower it. This allows for precise and flexible cutting operations.



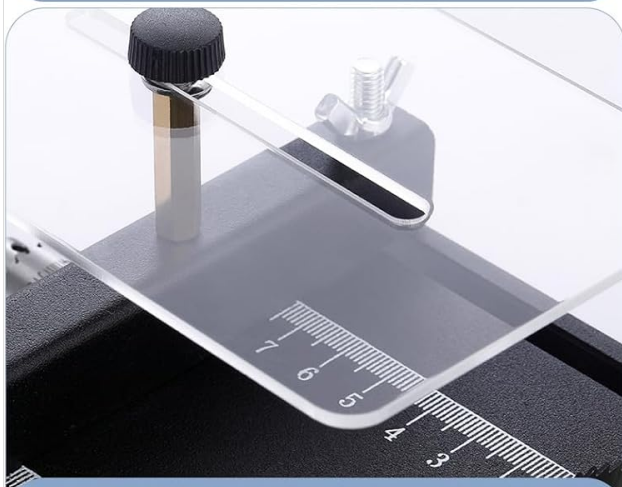
45° ANGLE CUTTING

This portable electric table saw can perform right angle cutting and 45 degree cutting to meet different cutting needs



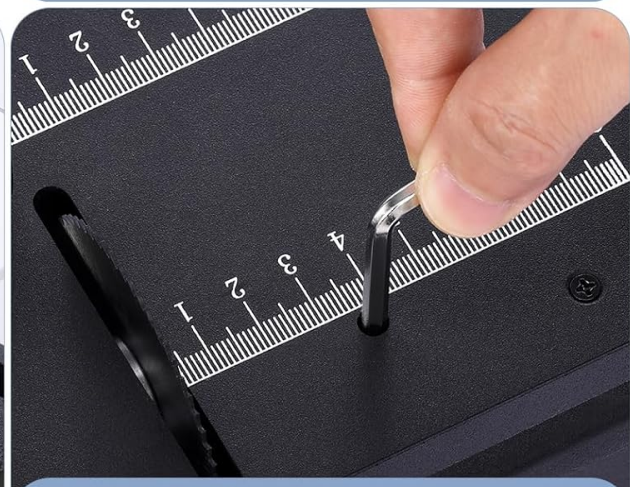
ACCURATE SCALE

Precise scale, laser engraved, durable and not easy to fade (Unit: cm)



SAW BLADE CAN BE RAISED AND LOWERED

The saw blade lifting range is 0-0.63in. Rotate clockwise to raise the saw blade, and counterclockwise to lower the saw blade



SAFETY BEZEL

Made of transparent material and does not block the sight

Image Description: This image highlights the adjustable saw blade mechanism, showing how to raise and lower the blade using a hex wrench. It also illustrates the accurate scale for precise measurements and the safety bezel.

OPERATING INSTRUCTIONS

1. Powering On/Off

To turn the saw on, press the red power switch. To turn it off, press the switch again.

2. Adjusting Speed

The saw features a 7-speed adjustable motor with a maximum speed of 6000 RPM. Use the speed control dial to select the appropriate speed for your material and cutting task. Lower speeds are generally better for harder materials or more precise cuts, while higher speeds are suitable for softer materials.

3. Adjusting Cutting Depth and Angle

As mentioned in the setup, the cutting depth can be adjusted using the hex wrench. The cutting angle can be adjusted from 0° to 90° using the miter gauge. Ensure both are set correctly and securely before beginning a cut.

4. Material Compatibility and Blade Selection

This mini table saw is designed for small items and is suitable for materials such as PCB boards, wooden sticks, plastic sheets, thin wooden boards, cans, copper-clad panels, aluminum tubes, and copper tubes. Select the appropriate saw blade from the included accessories for the material you are cutting:

- **PCB Cutting Blades:** For circuit boards.
- **High-Speed Steel Saw Blades:** General purpose for wood and plastic.
- **Alloy Saw Blades:** For harder materials.
- **Resin Saw Blades:** For specific cutting needs, often for metal or stone.

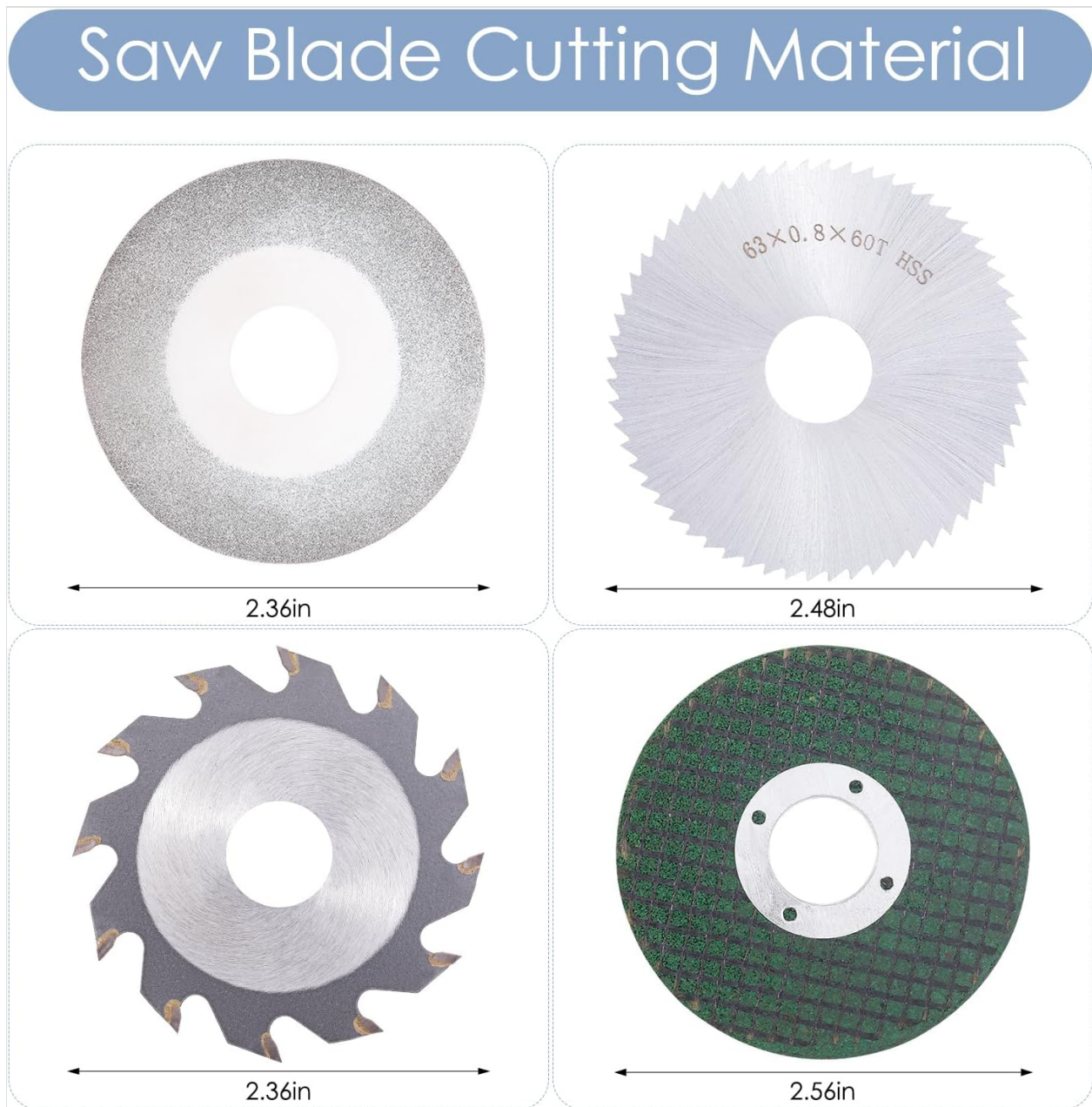


Image Description: This image displays four different types of circular saw blades: a titanium-plated emery saw blade, a high-speed steel saw blade, an alloy saw blade, and a resin saw blade, each suitable for different materials.

5. Using the Flexible Shaft

The flexible shaft extends the functionality of your table saw, allowing for detailed grinding, polishing, and drilling. It can hold drilling heads with a shank diameter of 0.5-3.2mm.

Holds 0.5-3.2mm grinding heads

Cutting, grinding and engraving all in one



Image Description: This image shows the flexible shaft attachment in use, demonstrating its capability to hold various grinding heads for detailed work, such as polishing a small stone.

Precision drill chuck

Clamping range **1.5-10MM**

Precise and reliable, polished and polished,
one machine can do it



Image Description: This image provides a close-up of the precision drill chuck, highlighting its clamping range of 1.5-10mm, and shows various attachments like sanding drums, brushes, and polishing wheels that can be used with it.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your mini table saw.

- **Cleaning:** After each use, unplug the saw and use a brush or compressed air to remove sawdust and debris from the motor vents, blade area, and work surface.
- **Blade Care:** Inspect blades for wear, damage, or dullness. Replace dull or damaged blades immediately. Clean resin and pitch buildup from blades using a suitable blade cleaner.
- **Lubrication:** Periodically apply a small amount of light machine oil to moving parts, such as the blade lifting mechanism, to ensure smooth operation.
- **Storage:** Store the saw in a clean, dry place, away from direct sunlight and extreme temperatures.
- **Cord Inspection:** Regularly check the power cord for any cuts, fraying, or damage. Do not use the saw if the cord is damaged.

TROUBLESHOOTING

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

| Problem | Possible Cause | Solution |
|----------------------------------|--|--|
| Saw does not turn on | No power supply; Loose connection; Faulty switch | Check power outlet and cord connection; Ensure switch is fully engaged; Contact support if switch is faulty. |
| Blade not cutting efficiently | Dull or incorrect blade; Material too hard; Insufficient speed | Replace blade or use appropriate blade for material; Ensure material is within saw's capacity; Increase speed setting. |
| Excessive vibration or noise | Loose blade; Unstable work surface; Damaged motor | Tighten blade mounting screw; Ensure saw is on a stable, level surface; Contact support if motor is suspected. |
| Blade height adjustment is stiff | Dust buildup; Lack of lubrication | Clean mechanism thoroughly; Apply light machine oil to moving parts. |

SPECIFICATIONS

Refer to the table below for detailed technical specifications of the VISLONE Mini Table Saw:

Product Parameter






- Item:** Lifting blade table saw
- Cutting depth:** 0.63in (16mm)
- Speed:** 0-6000rpm
- Motor:** 100W
- Cutting angle:** 0~90°
- Speed mode:** 7 speed adjustable

Image Description: This image provides a visual overview of the product's dimensions and key parameters, including cutting

depth, speed, motor wattage, cutting angle, and speed mode.

| Feature | Specification |
|-------------------------|--|
| Brand | VISLONE |
| Model Number | 778520bd-c713-4a62-88eb-085029215812 |
| Power Source | Corded Electric |
| Wattage | 100W |
| Voltage | 240 Volts |
| Speed | Up to 6000 RPM (7-speed adjustable) |
| Cutting Depth | 0-0.63 inches (0-16mm) |
| Cutting Angle | 0-90 Degrees |
| Blade Material | High Speed Steel (various types included) |
| Blade Length (Diameter) | 63 millimeters (2.48 inches) |
| Item Weight | 6.64 pounds |
| Package Dimensions | 8.9 x 8.5 x 7.56 inches |
| Surface Recommendation | Acrylic, Iron, Metal, Plastic, Stone, Wood |

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact VISLONE customer service through the retailer where the product was purchased. Keep your purchase receipt as proof of purchase.