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Garvee 01

Garvee 10 Inch 15A Multifunctional Table Saw User Manual

Model: 01

1. Safety Instructions

Before operating the Garvee 10 Inch 15A Multifunctional Table Saw, it is crucial to read and understand all safety warnings and instructions provided in this manual. Failure to follow these instructions may result in electric shock, fire, and/or serious injury. Keep this manual for future reference.

General Safety Precautions:

- Always wear appropriate personal protective equipment (PPE), including safety glasses, hearing protection, and a dust mask.
- Ensure the work area is clean, well-lit, and free from obstructions.
- Keep children and bystanders away from the operating area.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- Always use the blade guard and push stick provided to enhance security during operation.
- Ensure the On-off switch and overload protection features are functioning correctly before use.
- Disconnect the power plug from the power source before making any adjustments, changing accessories, or storing the tool.
- Never reach into the blade area while the saw is connected to power.
- Securely fasten the workpiece before cutting.

2. Product Overview

The Garvee 10 Inch 15A Multifunctional Table Saw is designed for various woodworking tasks, offering precise cross-cutting and bevel cutting capabilities. It features a powerful 15 Amp motor, a 10-inch blade, and a sturdy stand for stability.

Included Components:

- Garvee 15A Table Saw
- 10-Inch 24-Tooth Carbide Tipped Blade
- Blade Guard
- Metal Stand

- Push Stick
- Wrenches
- Rip Fence
- Miter Gauge
- Assembly Manual

Product Dimensions:



Figure 2.1: Overall dimensions of the Garvee Table Saw. Total width is 920mm, table depth is 546mm, table width is 643mm, and side extension width is 85mm.

Parts Identification:



Figure 2.2: Labeled components of the Garvee Table Saw. Key parts include the blade guard, saw blade, rip fence, miter gauge, and control switches.

1. Cross Cutting Fence
2. Fence/Rip Fence
3. Side Table Lock
4. Bevel Angle Lock
5. On/Off Switch
6. Bevel Angle Adjustment Wheel
7. Stand Rubber Foot
8. Blade Guard
9. Blade Guard Seat

10. Dia216mm/10 inch Saw Blade
11. Fence/Rip Fence
12. Table Insert Plate
13. Side Table Extension
14. Push Stick
15. Table Saw Stand
16. Stand Back Support

3. Setup

3.1 Assembling the Stand

Assemble the metal stand according to the included assembly manual. Ensure all bolts and fasteners are securely tightened to provide a stable base for the table saw. The stand includes triangle supports at the back for improved stability.

3.2 Installing the Saw Blade

Ensure the saw is unplugged before installing the blade. Use the provided wrenches to loosen the arbor nut. Carefully place the 10-inch 24-tooth carbide-tipped blade onto the arbor, ensuring the teeth are oriented correctly for cutting. Tighten the arbor nut securely.

3.3 Attaching the Blade Guard

Attach the transparent blade guard to its seat (Part 9 in Figure 2.2). The blade guard provides a clear view of the cutting area while preventing accidental contact with the blade. Ensure it moves freely and covers the blade when not cutting.

3.4 Connecting a Dust Collector



Figure 3.1: Connecting a dust collector to the Garvee Table Saw's dust port for a cleaner work environment.

The table saw is designed with a port at the back for connecting a dust collector. Attach a compatible dust collection hose to this port to help maintain a cleaner working environment and reduce airborne dust.

4. Operating Instructions

4.1 Powering On/Off

To turn the saw on, press the green "ON" button (Part 5 in Figure 2.2). To turn it off, press the red "OFF" button. The saw is equipped with overload protection for added safety.

4.2 Adjusting Blade Height



Figure 4.1: Adjusting the blade height for a 90° cut, demonstrating a maximum cutting depth of 74mm.

The blade height can be adjusted using the hand wheel to meet specific cutting needs. For optimal safety and cutting performance, the blade should extend approximately 1/8 inch (3mm) above the workpiece.

4.3 Adjusting Bevel Angle



Figure 4.2: Adjusting the bevel angle for cuts between 0° and 45°, with a cutting thickness of 52mm at 45°.

The table saw features a rack and pinion bevel control, allowing for angle adjustments from 0° to 45°. Use the Bevel Angle Adjustment Wheel (Part 6 in Figure 2.2) and Bevel Angle Lock (Part 4 in Figure 2.2) to set the desired angle for bevel cuts.

4.4 Using the Rip Fence and Miter Gauge

The rip fence (Part 2/11 in Figure 2.2) is used for making straight cuts parallel to the blade. Position the fence to the desired width and lock it securely using the Side Table Lock (Part 3 in Figure 2.2). The miter gauge (included) is used for making accurate cross-cuts and angle cuts across the width of the workpiece.

4.5 Using the Push Stick



Figure 4.3: Demonstrating the use of a push stick to safely guide a workpiece through the saw blade.

Always use the push stick (Part 14 in Figure 2.2) when cutting narrow workpieces or when your hands would be too close to the blade. This ensures your hands remain a safe distance from the rotating blade.

5. Maintenance

Regular maintenance ensures the longevity and safe operation of your Garvee table saw. Always disconnect the saw from the power source before performing any maintenance.

- **Cleaning:** Regularly clean the saw table, blade guard, and dust port to prevent sawdust buildup. A clean working environment also contributes to better cutting performance.
- **Blade Inspection:** Periodically inspect the saw blade for dullness, damage, or missing teeth. Replace worn or damaged blades immediately.
- **Lubrication:** Apply a light coat of machine oil to moving parts as recommended in the detailed assembly manual to ensure smooth operation.
- **Storage:** Store wrenches and the push stick in the designated storage parts on the left and right sides of the saw when

not in use.

6. Troubleshooting

This section addresses common issues you might encounter with your table saw. For more complex problems, contact customer support.

Problem	Possible Cause	Solution
Saw does not start.	No power supply; Overload protection tripped; Faulty switch.	Check power connection and circuit breaker. Reset overload protection. If issue persists, contact service.
Poor cut quality (e.g., burning, rough edges).	Dull or dirty blade; Incorrect blade for material; Improper feed rate.	Replace or clean blade. Ensure blade type matches material. Adjust feed rate.
Excessive vibration.	Loose blade; Unstable stand; Damaged blade.	Check blade for tightness and damage. Ensure stand is assembled securely.

7. Specifications

Feature	Detail
Model Number	01
Power Source	Corded Electric
Voltage	120 Volts
Motor	15 Amp
No-Load Speed	Up to 5000 RPM
Blade Diameter	10 Inch (216mm)
Blade Type	24-Tooth Carbide Tipped
Max Cutting Depth (90°)	74mm
Max Cutting Depth (45°)	52mm
Bevel Capacity	0° - 45°
Product Dimensions (L x W x H)	88.9 x 76.2 x 101.6 cm
Item Weight	22.7 kg

8. Warranty and Support

For information regarding warranty coverage, technical support, or replacement parts, please contact Garvee customer service. Refer to the contact information provided with your purchase documentation or visit the official Garvee website.

Note: Always provide your product model number (01) and purchase date when contacting support.

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