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› GOXAWEE 1800W Electric Circular Saw G5245-MX User Manual

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Model: G5245-MX

1. INTRODUCTION

Thank you for choosing the GOXAWEE 1800W Electric Circular Saw. This manual provides important information regarding the safe operation, assembly, maintenance, and troubleshooting of your tool. Please read this manual thoroughly before use and keep it for future reference. This circular saw is designed for cutting various materials such as wood, marble, and porcelain tiles, utilizing different blade types.

2. SAFETY INSTRUCTIONS

Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury. Keep your work area clean and well-lit. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Always wear appropriate personal protective equipment, including eye protection, hearing protection, and gloves. Ensure the power cord is in good condition and avoid operating the tool in wet conditions. Disconnect the tool from the power source before making any adjustments, changing accessories, or storing the tool.

3. PRODUCT COMPONENTS

The GOXAWEE Electric Circular Saw package includes the following items:

- Electric Circular Saw (x1)
- Wood Saw Blade (115mm) (x2)
- Stone Saw Blade (115mm) (x2)
- Drip Hose (x1)
- Irrigation Accessory (x1)
- Tap Connection (x1)
- Screws (x1 set)

- Carbon Brush (x2)
- Wrench (x2)
- User Manual (x1)



Figure 3.1: Overview of the GOXAWEE Electric Circular Saw.

4. SETUP

4.1 Blade Installation

1. Ensure the saw is unplugged from the power source.
2. Press the spindle lock button to secure the blade shaft.
3. Use the provided wrench to loosen the blade retaining nut.
4. Carefully remove the outer flange and the old blade (if any).
5. Place the new 115mm blade onto the spindle, ensuring the rotation direction arrow on the blade matches the arrow on the saw's guard.

6. Reinstall the outer flange and tighten the blade retaining nut firmly with the wrench while holding the spindle lock button.

4.2 Adjusting Cutting Depth

The cutting depth can be adjusted to suit the thickness of the material. Loosen the depth adjustment knob, move the base plate to the desired depth, and then securely tighten the knob. The maximum cutting capacity is 46mm at a 90-degree angle.



Figure 4.1: Adjusting the cutting depth for a 90-degree cut.

4.3 Adjusting Cutting Angle (Bevel)

For angled cuts, loosen the bevel adjustment knob, tilt the base plate to the desired angle between 0° and 45°, and then tighten the knob. The maximum cutting capacity at a 45-degree angle is 30mm.



Figure 4.2: Adjusting the cutting angle for bevel cuts.

4.4 Water Cooling System Setup (for wet cutting)

When cutting materials like marble or porcelain tiles, a water cooling system is recommended to reduce dust and prolong blade life. Connect the drip hose and irrigation accessory to the saw and a water source using the tap connection. Ensure water flows adequately to the blade during operation.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

To start the saw, press the power switch button. For continuous operation, press the power switch button and then the safety lock switch button. This will keep the saw running without needing to hold the power switch, reducing user fatigue. To turn off, release the power switch or press it again if the lock switch is engaged.



Safety lock switch



Potente placa base



Insulating material, anti-electric shock, durable insurance, more assured work



Disipación rápida del calor

Figure 5.1: Key features including the safety lock switch and robust base plate.

5.2 General Cutting Techniques

Always ensure the workpiece is securely clamped. Hold the saw firmly with both hands. Allow the blade to reach full speed (12000 RPM) before beginning the cut. Guide the saw smoothly through the material, applying steady, even pressure. Avoid forcing the saw, as this can lead to kickback or damage to the tool and workpiece.

SIERRA CIRCULAR

HERRAMIENTAS ELÉCTRICAS PROFESIONALES AC



12000 RPM

Progreso de aserrado rápido en madera blanda y dura

Figure 5.2: Proper technique for cutting wood with the circular saw.

5.3 Cutting Different Materials

- **Wood:** Use the appropriate wood cutting blade. Ensure the wood is stable.
- **Marble/Porcelain Tiles:** Use the stone cutting blade and activate the water cooling system for wet cutting. This minimizes dust and heat.
- **Metal:** Use a suitable metal cutting blade. Ensure proper ventilation and safety precautions for sparks.



Figure 5.3: Cutting a tile with the circular saw, demonstrating its power specifications.

6. MAINTENANCE

6.1 Cleaning

After each use, disconnect the saw from the power supply. Clean the tool with a dry cloth to remove dust and debris. Do not use harsh chemicals or abrasive cleaners. Ensure the ventilation slots are clear to maintain effective heat dissipation.

6.2 Carbon Brush Replacement

The carbon brushes are wear-and-tear components. When they are worn, the motor performance may decrease. The saw is designed with external carbon brush access for easy replacement. Disconnect power, unscrew the brush caps, remove old brushes, insert new ones, and secure the caps. Replace both brushes at the same time.

6.3 Storage

Store the circular saw in a clean, dry place, out of reach of children. Ensure the power cord is neatly coiled and not

kinked. Protect the blades from moisture to prevent rust.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Saw does not start	No power supply; Worn carbon brushes; Faulty switch	Check power connection; Replace carbon brushes; Contact service center
Reduced cutting performance	Dull or incorrect blade; Overheating; Worn carbon brushes	Replace blade or use correct type; Allow saw to cool down; Replace carbon brushes
Excessive vibration	Loose blade; Damaged blade; Bent spindle	Tighten blade nut; Replace blade; Contact service center
Overheating during use	Prolonged heavy use; Blocked ventilation; Dull blade	Take breaks to allow cooling; Clean ventilation slots; Replace blade

If you encounter problems not listed here or if the suggested solutions do not resolve the issue, please contact GOXAWEE customer support.

8. SPECIFICATIONS

Feature	Specification
Brand	GOXAWEE
Model Number	G5245-MX
Power	1800W
Voltage	127V
Frequency	60Hz
No-load Speed	12000 RPM
Blade Diameter	Max 125mm (Recommended 114-125mm)
Arbor Diameter	20mm-23mm
Max Cutting Capacity (90°)	46mm
Max Cutting Capacity (45°)	30mm
Product Dimensions (L x W x H)	24 x 22 x 18 cm
Blade Material	Alloy Steel, Tungsten Carbide
Handle Material	Rubber

9. WARRANTY AND SUPPORT

GOXAWEE products are manufactured under strict quality control. For any questions regarding this electric circular

saw, please do not hesitate to contact us. We aim to respond within 24 hours and provide a solution. Please refer to your purchase documentation for specific warranty terms and conditions.

For customer service, please visit the [GOXAWEE Store on Amazon](#) or contact the seller directly.