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› GALAX PRO 20V 40W Cordless Circular Saw User Manual

GALAX PRO 97630

GALAX PRO 20V 40W Cordless Circular Saw

Model: 97630

INTRODUCTION

Thank you for choosing the GALAX PRO 97630 Cordless Circular Saw. This powerful and versatile tool is designed for efficient cutting of various materials, including wood, PVC, plasterboard, and thin metal. Its compact design, laser guide, and adjustable cutting features make it ideal for both professional and DIY projects. Please read this manual carefully before operation to ensure safe and optimal performance.



Image: The GALAX PRO 97630 Cordless Circular Saw, showcasing the main unit, battery, charger, and two saw blades (24T wood blade and 60T HSS blade).

IMPORTANT SAFETY INSTRUCTIONS

Always follow basic safety precautions when using electrical tools to reduce the risk of fire, electric shock, and personal injury. Keep this manual for future reference.

- **Work Area Safety:** Keep your work area clean and well-lit. Cluttered or dark areas invite accidents. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Electrical Safety:** Avoid body contact with earthed or grounded surfaces. Do not expose power tools to rain or wet conditions.
- **Personal Safety:** Always wear eye protection, dust mask, non-skid safety shoes, hard hat, or hearing protection as appropriate for the conditions. Dress properly; avoid loose clothing or jewelry.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the

battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.

- **Battery Pack Use and Care:** Recharge only with the charger specified by the manufacturer. Do not use battery packs with any other power tools.

COMPONENTS AND PACKAGE CONTENTS

Familiarize yourself with the parts of your GALAX PRO Circular Saw and ensure all components are present.



Image: Detailed diagram of the GALAX PRO Circular Saw highlighting key components such as the laser guide, depth adjustment, battery, lock switch, and lower guard.

Package Contents:

- 1 x GALAX PRO 97630 Cordless Circular Saw
- 1 x 20V 2.0Ah Lithium-ion Battery
- 1 x Battery Charger

- 1 x 24T Wood Blade (115mm)
- 1 x 60T HSS Blade (115mm)
- 1 x Hex Wrench
- 1 x Vacuum Adapter
- 1 x User Manual

SETUP AND ASSEMBLY

1. Battery Installation and Charging:

Ensure the battery is fully charged before first use. Connect the charger to a power outlet and insert the battery. The indicator light on the charger will show charging status. Once charged, slide the battery pack into the base of the saw until it clicks into place.



Image: The GALAX PRO 20V Lithium-ion battery, ready for installation or charging.

2. Blade Installation:

Always disconnect the battery before changing blades.

1. Press the spindle lock button to secure the blade.
2. Use the hex wrench to loosen the blade bolt.
3. Remove the old blade (if applicable) and install the new blade, ensuring the teeth are pointing in the correct direction (indicated by an arrow on the blade and saw).
4. Tighten the blade bolt securely with the hex wrench.



Image: Step-by-step visual guide for installing the saw blade, showing the use of the spindle lock and hex wrench.

3. Adjusting Cutting Depth and Angle:

The saw base can be adjusted for various cutting tasks.

- **Depth Adjustment:** Loosen the depth adjustment lever, set the desired cutting depth (up to 42.8mm at 90° or

28mm at 45°), and tighten the lever.

- **Angle Adjustment:** Loosen the angle adjustment lever, tilt the base to the desired angle (0° to 45°), and tighten the lever.



Regolazione dell'angolo

Da 0 a 45 gradi liberamente



Regolazione della profondità

Tagliare liberamente da 0 a 42,8 mm



Image: Close-up view of the saw's base, illustrating the levers for adjusting both the cutting angle and depth.

OPERATING INSTRUCTIONS

1. Powering On/Off:

To start the saw, press the safety lock button and then squeeze the trigger switch. To stop, release the trigger switch. The lock switch prevents accidental activation.



Taglio multimateriale

Adatto per legno / PVC / taglio tubi / plastica



Interruttore di blocco

Prevenire efficacemente l'apertura accidentale della macchina

Image: The lock switch on the GALAX PRO Circular Saw, designed to prevent accidental starting of the machine.

2. Using the Laser Guide:

The integrated laser guide provides a precise cutting line, enhancing accuracy and professionalism. Ensure the laser is aligned with your desired cut line before starting the saw.

Guida laser

Fornisce linee di taglio precise per il taglio



La base d'acciaio addensata

Garantisce una lunga vita

Image: Close-up of the laser guide projecting a line onto the workpiece, demonstrating its function for precise cuts.

3. Cutting Various Materials:

This circular saw is suitable for cutting wood, PVC pipes, plasterboard, and thin metal. Always select the appropriate blade for the material you are cutting (e.g., 24T for wood, 60T HSS for metal/plastic). Ensure the workpiece is securely clamped.



Image: The GALAX PRO Mini Circular Saw in action, demonstrating its capability to cut through wood, PVC pipes, and plasterboard, highlighting its multi-material functionality.

4. Plunge Cutting:

The saw supports plunge cutting for internal cuts. Position the front of the base on the workpiece, start the saw, and slowly lower the blade into the material. Maintain a firm grip and control.



Image: A visual representation of the plunge cutting technique, showing the saw blade entering the material from above.

5. Dust Management:

The saw includes a dust blower and a vacuum adapter. Connect a vacuum cleaner to the adapter to keep the cutting line clear and reduce airborne dust, improving visibility and safety.

MAINTENANCE

- **Cleaning:** Regularly clean the saw's ventilation openings to prevent overheating. Use a soft, damp cloth; do not use

solvents.

- **Blade Care:** Inspect blades for sharpness and damage before each use. Replace dull or damaged blades immediately to ensure efficient and safe cutting.
- **Battery Care:** Store the battery in a cool, dry place. Do not store fully discharged. Charge the battery periodically if not in use for extended periods.
- **General Inspection:** Check all screws and fasteners for tightness. Ensure all moving parts operate smoothly.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Saw does not start	Battery not inserted correctly or discharged; Safety lock not engaged; Faulty switch.	Ensure battery is fully inserted and charged. Press safety lock before trigger. Contact service if switch is faulty.
Blade not cutting efficiently	Dull or damaged blade; Incorrect blade for material; Overfeeding the saw.	Replace blade. Use appropriate blade for material. Reduce feed rate.
Saw overheating	Blocked ventilation slots; Continuous heavy use.	Clean ventilation slots. Allow saw to cool down during prolonged use.
Laser guide not visible	Laser lens dirty; Low battery.	Clean laser lens. Ensure battery is charged.

TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	GALAX PRO
Model Number	97630
Power Source	Battery Powered
Voltage	20 Volts
Power	40 Watts
Amperage	2 Amps
No Load Speed	3400 RPM
Blade Diameter	115 Millimeters (4-1/2 inches)
Max. Cutting Depth (90°)	42.8 mm (1-11/16 inches)
Max. Cutting Depth (45°)	28 mm (1-1/8 inches)
Blade Material	Metal

Feature	Specification
Recommended Surface	Wood, Metal, PVC, Plasterboard
Item Weight	2.96 Kilograms (approx. 6.5 lbs)
Special Features	Adjustable cutting angle (0°-45°), Adjustable cutting depth, Laser guide, Dust blower, Safety lock
Certification	CE

WARRANTY AND SUPPORT

For warranty information, technical support, or spare parts, please contact GALAX PRO customer service. Refer to the contact details provided with your product packaging or visit the official GALAX PRO website.

Keep your purchase receipt as proof of purchase for any warranty claims.



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