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› Mini Circular Saw, TECCPO 4.8Amp Compact Circular Saw, 3700RPM, with Laser Guide, Scale Ruler, Vacuum Port, 3 Blades for Cutting Woods, Tile and Soft Metal. Ideal Design for Small Projects -TAPS22P

TECCPO TAPS22P

TECCPO TAPS22P Mini Circular Saw User Manual

Model: TAPS22P

1. INTRODUCTION

Thank you for choosing the TECCPO TAPS22P Mini Circular Saw. This compact and versatile tool is engineered for precision and efficiency in various cutting tasks, including wood, tile, and soft metals. Please read this manual thoroughly before operation to ensure safe and effective use of your new tool.

2. SAFETY INFORMATION

WARNING: Always wear appropriate personal protective equipment (PPE) including safety glasses, hearing protection, and gloves when operating the saw. Disconnect power before changing blades or performing maintenance.

- Keep the 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.
- Keep children and bystanders away while operating a power tool.
- Avoid accidental starting. Ensure the switch is in the off-position before plugging in.
- Use clamps or another practical way to secure and support the workpiece to a stable platform.
- Maintain a firm grip on the tool with both hands during operation.

3. PACKAGE CONTENTS

Verify that all items are present in the box:

- 1 x TECCPO 3-3/8" Mini Circular Saw
- 1 x 24T Carbide-tipped Blade (for wood)
- 1 x 44T HSS Blade (for plastic & soft metal)
- 1 x 3-3/8" Diamond Blade (for tile)

- 2 x Button Cells (for Laser Guide)
- 1 x Parallel Guide
- 1 x Vacuum Adapter
- 1 x Allen Key
- 1 x User Manual



Figure 3.1: TECCPO Mini Circular Saw with all included accessories, including three different blades, a parallel guide, vacuum adapter, and Allen key.

4. PRODUCT OVERVIEW

Familiarize yourself with the components of your TECCPO Mini Circular Saw:



Figure 4.1: Detailed view of the saw with key components labeled, including the spindle lock button, screw for locking guide ruler, ergonomic soft rubber handle, vacuum cleaner interface, switch, safety button, depth lock shaft, and iron plate.

5. SETUP

5.1 Blade Installation

To install or change a blade:

1. Ensure the saw is unplugged from the power source.
2. Press and hold the spindle lock button.
3. Use the Allen key to loosen the blade screw.
4. Remove the outer flange and old blade.
5. Place the new blade onto the spindle, ensuring the rotation direction arrow on the blade matches the arrow on the saw's guard.
6. Replace the outer flange and tighten the blade screw with the Allen key while holding the spindle lock button.

Video 5.1: This video demonstrates the process of installing and removing the saw blade on the TECCPO Mini Circular Saw, ensuring proper alignment and secure fastening.

5.2 Adjusting Cutting Depth

The cutting depth can be adjusted from 0-27mm (1-1/16").

1. Loosen the depth adjustment lever.
2. Move the base plate up or down to the desired cutting depth indicated on the scale.
3. Securely tighten the depth adjustment lever.



Figure 5.2: Visual guide showing the three steps to adjust the cutting depth: release button, adjust the scale, and lock button.

5.3 Laser Guide Activation

The built-in laser guide assists in making precise straight cuts. It is powered by two button cells.



CLEAR LASER GUIDE

AND



7" SCALE RULER ENSURES PRECISE CUTTING



Figure 5.3: The saw's clear laser guide projects a red line onto the workpiece, aiding in precise cutting along with the 7-inch scale ruler.

5.4 Dust Collection

Attach the 15.75-inch vacuum adapter to the dust extraction port on the saw to maintain a cleaner working environment and prevent dust inhalation.

IRON PLATE WEAR-RESISTANT, LONG SERVICE LIFE

DUST EXTRACTION OUTLET AND 15.75" DUST REMOVAL
TUBE KEEP WORKING AREA CLEAN



Figure 5.4: The dust extraction outlet and 15.75-inch dust removal tube connected to the saw, designed to keep the working area clean.

6. OPERATING INSTRUCTIONS

The TECCPO Mini Circular Saw is suitable for straight cutting, plunge cutting, and flush cutting with its large cutting capacity.

6.1 Starting and Stopping

To start the saw, press the double safety button and then squeeze the trigger. To stop, release the trigger.

6.2 Cutting Different Materials

Select the appropriate blade for the material you are cutting:

- **24T TCT Blade:** For wood, with a maximum cutting depth of 1-1/16" (27mm).
- **44T HSS Blade:** For plastic and soft metal, with a maximum cutting depth of 1/8" (3mm).
- **Diamond Blade:** For tile, with a maximum cutting depth of 5/16" (8mm).



Figure 6.1: The saw in action, demonstrating its capability to cut wood, soft metal, and tile using the specialized blades provided.

Video 6.2: This video illustrates the saw's performance when cutting thin wood, showcasing its precision and ease of use with the laser guide.

7. MAINTENANCE

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

- Always unplug the tool before cleaning or maintenance.
- Keep the tool's ventilation openings clean to prevent overheating.
- Clean the blade and guard regularly to remove sawdust and debris.
- Inspect the power cord for any damage before each use.

8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Saw does not start	No power supply; Safety button not pressed; Faulty switch	Check power connection; Ensure safety button is pressed before trigger; Contact customer support
Blade not cutting efficiently	Dull or incorrect blade; Incorrect cutting depth	Replace blade or use correct type for material; Adjust cutting depth
Excessive dust during operation	Dust adapter not connected; Vacuum not turned on	Connect vacuum adapter; Turn on vacuum cleaner

9. SPECIFICATIONS

Feature	Specification
Model Number	TAPS22P
Power Source	Corded Electric
Motor Power	4.8 Amp (480 Watts)
No-Load Speed	3700 RPM
Voltage	120 Volts
Blade Diameter	3-3/8 inches (85 mm)
Max. Cutting Depth (Wood)	1-1/16 inches (27 mm)
Max. Cutting Depth (Tile)	5/16 inches (8 mm)
Max. Cutting Depth (Aluminum/Plastic)	1/8 inches (3 mm)
Item Weight	5.25 pounds
Product Dimensions	1"L x 3"W x 3"H
Handle Material	Rubber
Laser Guide Batteries	2 x Button Cells (Zinc)

10. WARRANTY & SUPPORT

This TECCPO product comes with a Limited Warranty. For detailed warranty information, please refer to the warranty card included in your package or visit the official TECCPO website.

If you have any questions, require technical assistance, or need to claim warranty service, please do not hesitate to contact our customer support team. Our contact information can be found in the included user manual or on the TECCPO brand store page.

TECCPO - Technology Creates Power

ASK A QUESTION ABOUT THIS MANUAL

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Example: How do I reset this device or fix this error?

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