

TECCPO TAMS24P

TECCPO TAMS24P Mini Circular Saw User Manual

MODEL: TAMS24P

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1. Important Safety Instructions

Always read and understand all safety warnings and instructions before operating this power tool. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury. Save all warnings and instructions for future reference.

- **Work Area Safety:** 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.
- **Electrical Safety:** Power tool plugs must match the outlet. Never modify the plug in any way. Avoid body contact with earthed or grounded surfaces.
- **Personal Safety:** Always wear eye protection, hearing protection, and a dust mask when operating the saw. Do not overreach. Keep proper footing and balance at all times. 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 plug from the power source before making any adjustments, changing accessories, or storing power tools.
- **Specific Saw Safety:** Keep hands away from the cutting area and the blade. Do not reach underneath the workpiece. Ensure the blade guard is functioning correctly before each use. Always use the safety switch to prevent accidental starting.

2. Product Overview

The TECCPO TAMS24P Mini Circular Saw is a compact and powerful tool designed for precise cutting of wood. It features a 480W pure copper motor, a high speed of 3500 RPM, and a 115mm blade. Key features include a laser guide for accurate cuts, adjustable cutting depth and angle, and an ergonomic design for comfortable operation.

2.1 Components Diagram



**PULSANTE DI BLOCCO
DEL MANDRINO**



**MANOPOLA DI REGOLAZIONE
DELLA PROFONDITA**



**USCITA ASPIRAZIONE
POLVERI**

Image 1: Labeled components of the TECCPO TAMS24P Mini Circular Saw. This diagram highlights the Laser Guide, Handle, Power Switch, Safety Switch, Angle Adjustment Knob, Base Plate, Spindle Lock Button, Depth Adjustment Knob, and Dust Extraction Outlet.

- 1. Laser Guide:** Projects a line for accurate cutting.
- 2. Handle:** Ergonomically designed for grip and control.
- 3. Power Switch:** Activates the motor.
- 4. Safety Switch:** Prevents accidental startup. Must be pressed before the power switch.
- 5. Angle Adjustment Knob:** Allows setting the cutting angle from 0° to 45°.
- 6. Base Plate:** Provides stability and guides the saw along the workpiece.
- 7. Spindle Lock Button:** Used to lock the spindle for blade changes.
- 8. Depth Adjustment Knob:** Controls the cutting depth.
- 9. Dust Extraction Outlet:** Connects to a dust hose for debris removal.

3. Setup

3.1 Blade Installation and Replacement

Always ensure the saw is unplugged from the power source before attempting to install or replace the blade.



PASSAGGI CORRETTI PER LA SOSTITUZIONE DELLA LAMA



MENTRE SI PREME LA CHIAVE DELL'ALBERO DI BLOCCO, SVITARE LA VITE E RIMUOVERE LA LAMA DELLA SEGA



INSTALLARE UNA NUOVA LAMA, METTERE LA RONDELLA E IL BULLONE NEL POSTO GIUSTO



STRINGERE IL BULLONE DELLA LAMA MENTRE SI PREME IL PULSANTE DI BLOCCO DEL MANDRINO

Image 2: Step-by-step guide for safely replacing the saw blade.

1. Press and hold the spindle lock button.
2. Using the provided hex key, unscrew the blade bolt counter-clockwise and remove the outer washer and the old blade.
3. Clean any debris from the blade mounting area.
4. Place the new 115mm blade onto the spindle, ensuring the rotation direction indicated on the blade matches the arrow on the saw's guard.
5. Reinstall the outer washer and the blade bolt.
6. While still pressing the spindle lock button, tighten the blade bolt clockwise firmly with the hex key. Do not overtighten.

3.2 Connecting Dust Extraction

For a cleaner work environment and improved visibility, connect the dust extraction hose to the dust extraction outlet on the saw.



Interruttore di Sicurezza

Tirare l'interruttore di sicurezza prima di premere il pulsante di accensione



Guida Parallela 17,5 cm + Raggio Laser Chiaro

Image 3: The saw with the dust extraction hose connected, demonstrating how to maintain a clean workspace.

- Attach the provided dust extraction hose to the dust extraction outlet (9) on the saw.
- Direct the other end of the hose into a dust bag or a suitable vacuum cleaner.

3.3 Installing the Parallel Guide

The parallel guide assists in making straight cuts parallel to the edge of the workpiece.



Image 4: The saw demonstrating the use of the parallel guide and the clear laser line for precise cutting.

- Slide the parallel guide into the slot on the front of the base plate.
- Adjust the guide to the desired cutting width and secure it with the locking screw.

4. Operation

4.1 Adjusting Cutting Depth and Angle

The saw allows for precise adjustments to both cutting depth and angle to suit various applications.



Image 5: Visual representation of maximum cutting depths at 90° (43mm) and 45° (28mm) angles.

- **To Adjust Cutting Depth:** Loosen the depth adjustment knob (8). Move the base plate up or down until the desired depth is indicated on the scale. Tighten the knob securely. Maximum cutting depth at 90° is 43mm, and at 45° is 28mm.
- **To Adjust Cutting Angle:** Loosen the angle adjustment knob (5). Tilt the base plate to the desired angle (0-45°) indicated on the scale. Tighten the knob securely.

4.2 Powering On and Off

- **To Start:** Ensure the saw is firmly gripped. Press the safety switch (4) with your thumb, then press the power switch (3).
- **To Stop:** Release the power switch (3). The blade will stop rotating.

4.3 Using the Laser Guide

The integrated laser guide (1) projects a red line onto the workpiece, assisting in maintaining a straight cutting path. Ensure the laser is aligned with your desired cut line before starting the saw.

4.4 General Cutting Procedure

- Secure the workpiece firmly to prevent movement during cutting.
- Set the desired cutting depth and angle.
- Align the blade or laser guide with your cut line.
- Start the saw by pressing the safety switch and then the power switch. Allow the blade to reach full speed before contacting the workpiece.
- Guide the saw smoothly and steadily through the material. Do not force the saw.
- Once the cut is complete, release the power switch and allow the blade to stop completely before lifting the saw from the workpiece.

5. Maintenance

Regular maintenance ensures the longevity and safe operation of your TECCPO TAMS24P Mini Circular Saw. Always unplug the tool before performing any maintenance.

- **Cleaning:** After each use, clean the saw thoroughly. Use a soft brush or compressed air to remove dust and debris from the motor vents, blade guard, and base plate. Ensure the dust extraction outlet is clear.
- **Blade Inspection:** Regularly inspect the saw blade for sharpness, damage, or missing teeth. Replace dull or damaged blades immediately to ensure safe and efficient cutting. Refer to Section 3.1 for blade replacement instructions.
- **Cord Inspection:** Check the power cord for any signs of damage, cuts, or fraying. If damaged, have it repaired by a qualified technician.
- **General Inspection:** Periodically check all screws and fasteners for tightness. Ensure all moving parts operate smoothly.

6. Troubleshooting

This section addresses common issues you might encounter with your mini circular saw. If you experience problems not listed here, contact customer support.

Problem	Possible Cause	Solution
Saw does not start	No power supply Safety switch not engaged Damaged power cord	Check power outlet and connection Press safety switch before power switch Inspect cord; contact service if damaged
Poor cutting performance / Blade binds	Dull or damaged blade Incorrect cutting depth/angle Forcing the saw Workpiece not secured	Replace blade Adjust depth/angle correctly Allow saw to cut at its own pace Secure workpiece firmly
Excessive vibration	Loose blade bolt Damaged blade Internal issue	Tighten blade bolt Replace blade Contact customer support
Laser guide not working	Batteries depleted (if applicable) Laser module fault	Replace laser batteries Contact customer support

7. Specifications

Technical data for the TECCPO TAMS24P Mini Circular Saw:

Feature	Specification
Model Number	TAMS24P
Brand	TECCPO
Power	580 Watts
No-Load Speed	3500 RPM
Blade Diameter	115 mm
Max. Cutting Depth (90°)	43 mm
Max. Cutting Depth (45°)	28 mm
Power Source	Electric Cable
Item Weight	2 Kilograms
Special Features	Depth Control, Laser Guide
UPC	769894085042

8. Warranty and Support

The TECCPO TAMS24P Mini Circular Saw comes with a 24-month warranty from the date of purchase. Please retain your proof of purchase for warranty claims.

8.1 Warranty Coverage

This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from misuse, abuse, neglect, unauthorized repairs, or normal wear and tear.

8.2 Customer Support

For technical assistance, warranty claims, or to inquire about replacement parts, please contact TECCPO customer support through the retailer where the product was purchased or visit the official TECCPO website for contact information.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

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

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question