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Bosch GTS 254

Bosch GTS 254 Corded Electric Table Saw User Manual

Model: GTS 254

INTRODUCTION

This manual provides essential information for the safe and effective operation, setup, and maintenance of your Bosch GTS 254 Corded Electric Table Saw. Please read this manual thoroughly before initial use and keep it for future reference. The Bosch GTS 254 Table Saw is a powerful tool designed for woodworking applications, offering high torque and excellent overload capacity. It features a robust metal stand for stability and a table extension for handling larger workpieces.

PRODUCT OVERVIEW



Figure 1: The Bosch GTS 254 Corded Electric Table Saw with its metal stand and extended table.

The Bosch GTS 254 is a robust and precise table saw, ideal for professional woodworking. It features a powerful 1,800 W motor, a 254 mm saw blade, and a no-load speed of 4,300 rpm. Its design includes a stable metal stand and a 265 mm table extension for versatile cutting operations.

PACKAGE CONTENTS

Upon opening the package, ensure all listed components are present and undamaged. If any items are missing or damaged, contact Bosch customer service immediately.

THE PACKAGE CONTAINS



- 1** BOSCH 1X GTS 254 PROFESSIONAL
- 2** 1 X CIRCULAR SAW BLADE, EXPERT FOR WOOD, 254 X 2.5/1.8 X 25.4 MM WITH 40 TEETH

Figure 2: Illustration of the Bosch GTS 254 Table Saw and included accessories.

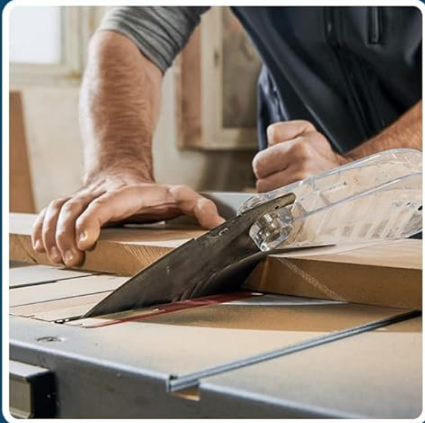
- 1 x Bosch GTS 254 Professional Table Saw (Model: 0601B450F0)
- 1 x Circular Saw Blade, Expert for Wood, 254 x 2.5/1.8 x 25.4 mm, 40 teeth (Part No: 2608643001)
- Metal Stand
- Meter Gauge
- Dust Extraction Port

SETUP

Proper setup is crucial for safe and accurate operation. Follow these steps carefully:

1. **Securely Mount the Saw:** Set up the table saw securely on its robust metal stand on a stable, level surface. Ensure the stand is fully extended and locked into position to prevent any movement during operation.

HOW TO USE



1. Set up the saw securely on the stand.



2. Install the blade and adjust depth/angle.

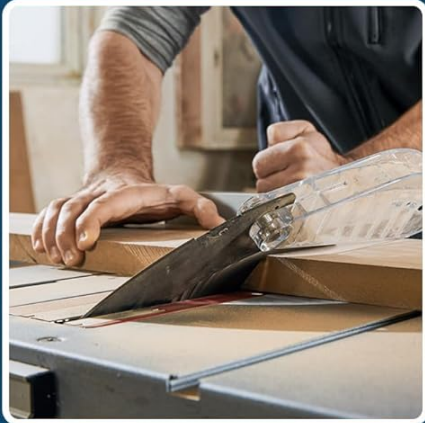


3. Power on and guide material for precise cuts.

Figure 3: Step 1 - Setting up the saw securely on its stand.

- 2. Install and Adjust the Blade:** Carefully install the circular saw blade onto the arbor. Ensure the blade is oriented correctly with the teeth pointing towards the front of the saw. Adjust the blade depth and angle according to your cutting requirements. The saw supports incline settings of 45° L / 0° R.

HOW TO USE



1. Set up the saw securely on the stand.



2. Install the blade and adjust depth/angle.



3. Power on and guide material for precise cuts.

Figure 4: Step 2 - Installing the blade and adjusting depth/angle.

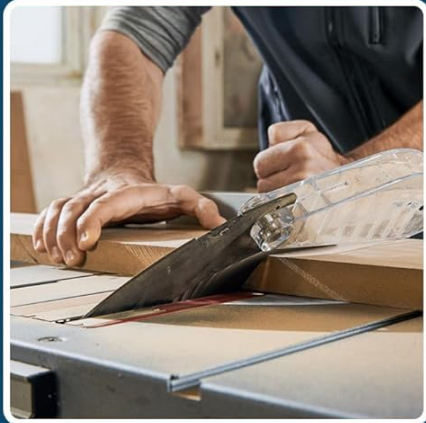
3. **Connect Dust Extraction:** For optimal dust management and a clear view of the cutting line, connect a suitable dust extraction system to the saw's dust port.
4. **Check Power Connection:** Ensure the saw is connected to a suitable power supply (240 Volts, 15 Amps recommended).

OPERATING INSTRUCTIONS

Always wear appropriate personal protective equipment (PPE), including safety glasses, hearing protection, and a dust mask, when operating the table saw.

1. **Prepare the Material:** Ensure your workpiece is clean, free of foreign objects, and properly supported. Use the rip fence or miter gauge to position the material accurately for the desired cut.
2. **Power On and Guide Material:** With the material positioned, switch on the table saw. Allow the blade to reach full speed before beginning the cut. Gently and steadily guide the material through the blade for precise and clean cuts. Maintain firm control of the workpiece throughout the cutting process.

HOW TO USE



1. Set up the saw securely on the stand.



2. Install the blade and adjust depth/angle.



3. Power on and guide material for precise cuts.

Figure 5: Step 3 - Powering on and guiding material for precise cuts.

3. **Cutting Capacity:** The saw offers a maximum cutting capacity of 80 mm at 90° and 55 mm at 45°. The maximum cutting capacity on the right side is 545 mm.
4. **After Cutting:** Once the cut is complete, switch off the saw and wait for the blade to come to a complete stop before removing the workpiece or making any adjustments.

TECHNICAL SPECIFICATIONS

Below are the key technical specifications for the Bosch GTS 254 Table Saw:

TECHNICAL DATA

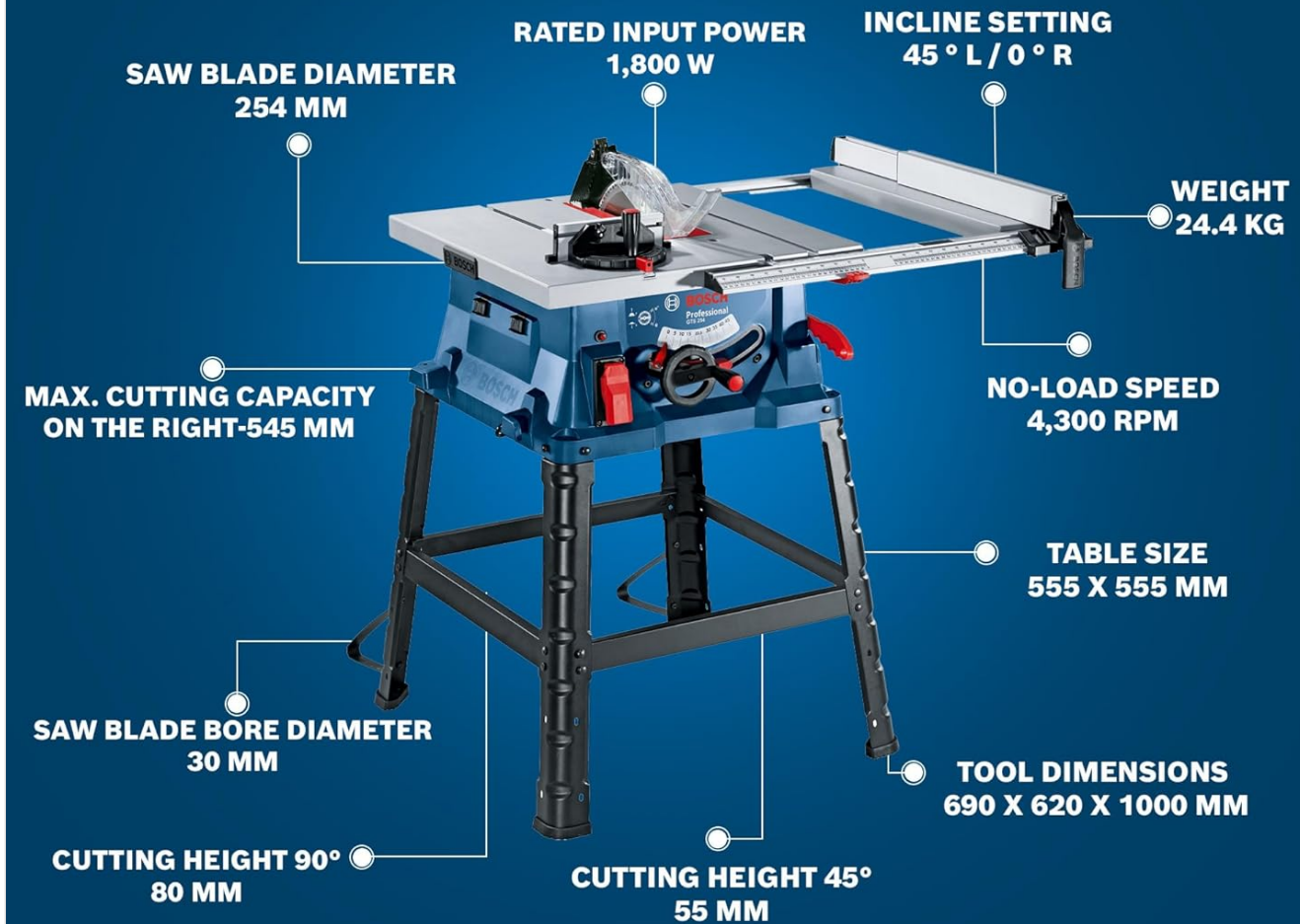


Figure 6: Visual representation of the technical specifications.

Specification	Value
Rated Input Power	1,800 W
Saw Blade Diameter	254 mm
Saw Blade Bore Diameter	25.4 mm
No-load Speed	4,300 rpm
Incline Setting	45° L / 0° R
Table Size	555 x 555 mm
Cutting Height 90°	80 mm
Cutting Height 45°	55 mm
Max. Cutting Capacity on the Right	545 mm
Tool Dimensions (L x W x H)	690 x 620 x 1000 mm
Weight	24.4 kg
Power Source	Corded Electric
Voltage	240 Volts
Current Rating	15 Amps
Blade Material	High Speed Steel

MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your table saw.

- **Cleaning:** After each use, disconnect the saw from power and clean off sawdust and debris from the table, fence, and blade guard. Use compressed air for hard-to-reach areas.
- **Blade Inspection:** Regularly inspect the saw blade for sharpness, damage, or missing teeth. Replace dull or damaged blades immediately.
- **Lubrication:** Refer to the detailed product manual (if available) for specific lubrication points and schedules. Generally, moving parts and adjustment mechanisms may require periodic lubrication.
- **Calibration Check:** Periodically check the alignment of the blade to the miter gauge slots and the squareness of the blade to the table. Adjust as necessary to maintain cutting accuracy.
- **Power Cord Inspection:** Inspect the power cord for any signs of damage, cuts, or fraying. Do not use the saw if the cord is damaged.

TROUBLESHOOTING

This section addresses common issues you might encounter. For problems not listed here, or if solutions do not resolve the issue, contact customer support.

Problem	Possible Cause	Solution
Saw does not start	No power supply; tripped circuit breaker; faulty switch.	Check power connection and outlet. Reset circuit breaker. If issue persists, contact service.
Blade binds or smokes during cut	Dull blade; improper blade alignment; feeding material too fast.	Replace or sharpen blade. Check and adjust blade alignment. Reduce feeding speed.
Inaccurate cuts	Blade not square to table; fence not parallel to blade; loose components.	Calibrate blade and fence. Tighten all fasteners.
Excessive vibration	Loose blade; damaged blade; unstable setup.	Ensure blade is securely tightened. Replace damaged blade. Verify saw is stable on its stand.

WARRANTY AND SUPPORT

Your Bosch GTS 254 Table Saw comes with a Limited Warranty. Please retain your proof of purchase for warranty claims.

- **Warranty Type:** Limited
- **Manufacturer:** Robert Bosch GmbH
- **Customer Service:** For any queries, support, or warranty claims, please contact Bosch Customer Service.
- **Toll-Free Number:** 1800-425-8665

For additional resources and product information, you may visit the official Bosch website or download the Bosch BeConnected App.



BOSCH

BEYOND JUST POWER TOOLS. YOUR LIFE MADE SIMPLE.

THE BOSCH BECONNECTED APP

FIND OUT MORE

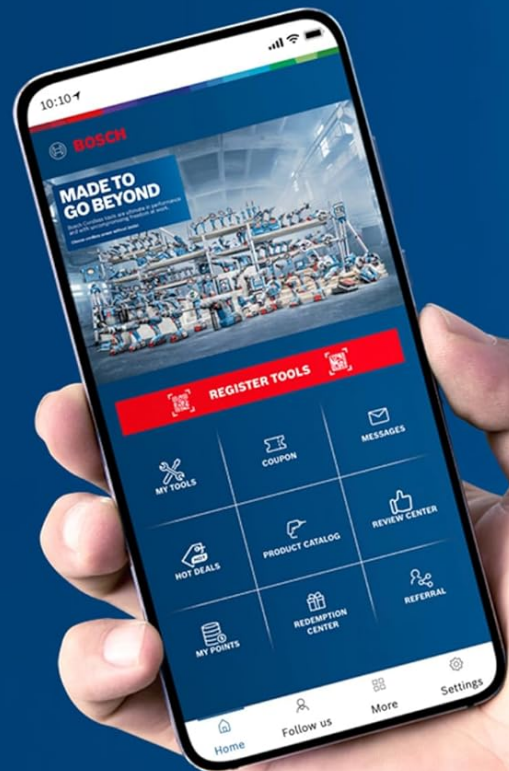


Figure 7: The Bosch BeConnected App, offering additional tools and support.