Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Makita M565

Makita M565 165mm Electric Circular Saw Instruction Manual

Model: M565

1. Introduction

Thank you for purchasing the Makita M565 165mm Electric Circular Saw. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your tool. Please read this manual thoroughly before use and keep it for future reference.
The Makita M565 is designed to achieve rotation speed and excellent workability equivalent to professional models, making it suitable for various cutting tasks.

2. Safety Information

WARNING: Read all safety warnings and instructions. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

General Power Tool Safety Warnings:

- Always wear eye protection and hearing protection.
- Keep 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 connecting to power source, picking up or carrying the tool.
- Do not overreach. Keep proper footing and balance at all times.
- Dress properly. Do not wear loose clothing or jewelry. Keep your hair and clothing away from moving parts.
- Use personal protective equipment. Always wear eye protection.
- If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.
- Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool.
- Disconnect the plug from the power source and/or the battery pack from the power tool before making any

adjustments, changing accessories, or storing power tools.

Circular Saw Specific Safety Warnings:

- Keep hands away from cutting area and the blade. Keep your second hand on the auxiliary handle, or motor housing. If both hands are holding the saw, they cannot be cut by the blade.
- Do not reach underneath the workpiece. The guard cannot protect you from the blade below the workpiece.
- Adjust the cutting depth to the thickness of the workpiece. Less than a full tooth of the blade should be visible below the workpiece.
- Never hold the workpiece in your hands or across your leg while cutting. Secure the workpiece to a stable platform.
- Hold the power tool by insulated gripping surfaces when performing an operation where the cutting accessory may contact hidden wiring or its own cord.
- Always use the correct size and type of blade for the material being cut.
- Never use damaged or incorrect blade washers or bolts.

3. Product Components

Familiarize yourself with the parts of your Makita M565 Electric Circular Saw:

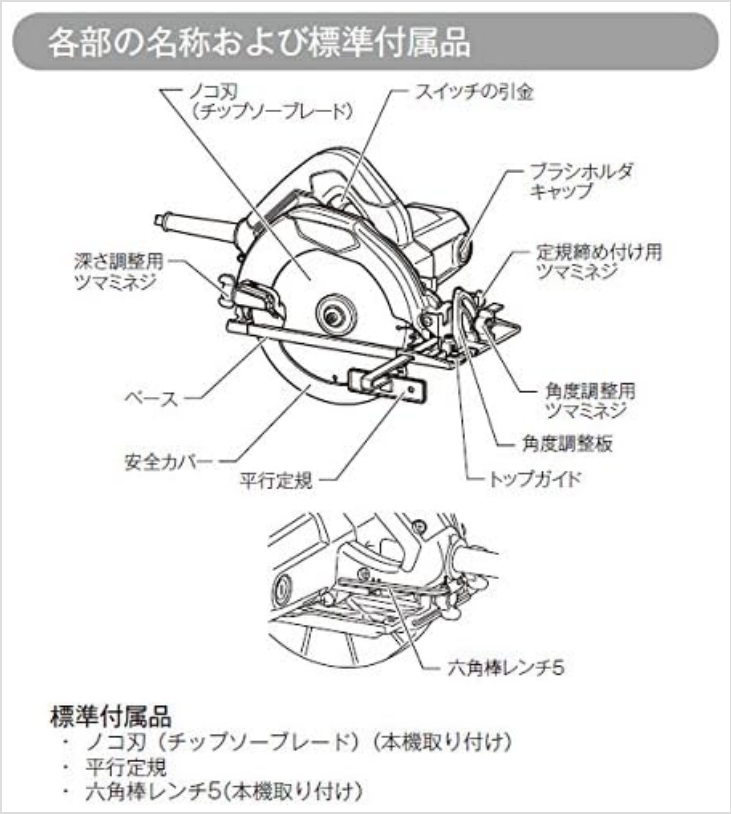


Image 3.1: Diagram showing the various components of the Makita M565 Electric Circular Saw. Key parts include the saw blade, switch, brush holder cap, depth adjustment knob, base, safety cover, parallel guide, angle adjustment knob, angle adjustment plate, and top guide. A hexagonal wrench is also shown as an accessory.

Standard Accessories:

- Saw Blade (Chip Saw Blade) (A-42802)
- Hexagonal Wrench (783217-7)

- Parallel Guide

4. Setup

4.1. Installing/Changing the Saw Blade

1. Ensure the tool is unplugged from the power source.
2. Loosen the bolt securing the blade guard.
3. Press the shaft lock button to prevent the blade from rotating.
4. Use the hexagonal wrench to loosen the blade bolt and remove the outer flange.
5. Carefully remove the old blade.
6. Install the new blade, ensuring the teeth are pointing in the direction of rotation indicated on the tool.
7. Replace the outer flange and tighten the blade bolt securely with the hexagonal wrench.
8. Ensure the blade guard moves freely and covers the blade properly.

4.2. Adjusting Cutting Depth

The cutting depth can be adjusted to match the thickness of your workpiece. For optimal safety and performance, the blade should extend slightly below the material being cut (less than a full tooth).

1. Loosen the depth adjustment knob.
2. Raise or lower the base of the saw to achieve the desired cutting depth.
3. Tighten the depth adjustment knob firmly to secure the setting.

4.3. Adjusting Bevel Angle

The saw can make bevel cuts up to 45 degrees.

1. Loosen the bevel adjustment knob.
2. Tilt the saw base to the desired angle (0-45 degrees) using the angle scale.
3. Tighten the bevel adjustment knob securely.

5. Operating Instructions

5.1. General Operation

- Always secure your workpiece firmly before cutting.
- Ensure the power cord is clear of the cutting path.
- Hold the saw firmly with both hands.
- Start the saw before the blade contacts the workpiece.
- Allow the blade to reach full speed before beginning the cut.
- Guide the saw smoothly and steadily through the material. Do not force the tool.
- Once the cut is complete, release the trigger and allow the blade to stop completely before lifting the saw from the

workpiece.



Image 5.1: The Makita M565 Electric Circular Saw positioned on a wooden workpiece, ready for cutting. This image illustrates the tool's design and how it sits on the material.

5.2. Using the Parallel Guide

The parallel guide helps to make straight cuts parallel to the edge of the workpiece.

1. Slide the parallel guide into the slots on the saw base.
2. Adjust the guide to the desired cutting width and tighten the securing screw.
3. Ensure the guide runs smoothly along the edge of the workpiece during the cut.

6. Maintenance

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

6.1. Cleaning

- Always unplug the tool before cleaning.
- Clean the tool regularly with a soft cloth. Do not use water or chemical cleaners.
- Remove sawdust and debris from the blade guard and ventilation openings.

6.2. Blade Inspection

- Inspect the saw blade before each use for sharpness, cracks, or missing teeth. Replace damaged blades immediately.
- Ensure the blade is clean and free of resin buildup.

6.3. Carbon Brush Replacement

The carbon brushes are wear items and should be replaced when they reach their wear limit. Refer to the parts diagram for the location of the brush holder caps. This procedure should ideally be performed by a qualified service technician.

7. Troubleshooting

Problem	Possible Cause	Solution
Tool does not start	No power supply; Faulty switch; Worn carbon brushes	Check power connection; Contact service center; Replace carbon brushes
Excessive vibration or noise	Loose blade; Damaged blade; Worn bearings	Tighten blade bolt; Replace blade; Contact service center
Blade binds in workpiece	Incorrect cutting depth; Dull blade; Forcing the cut	Adjust cutting depth; Replace blade; Reduce feed pressure
Motor overheats	Overloading; Blocked ventilation slots	Reduce load; Clean ventilation slots

If the problem persists after attempting these solutions, please contact a Makita authorized service center.

8. Specifications



主要機能

主要機能 \ モデル	M565	M585
電動機	直巻整流子電動機	
電圧	単相交流 100V	
電流	11A	
周波数	50-60Hz	
消費電力	1,050W	
回転数	5,500 min^{-1}（回転 / 分）	
刃物寸法	外径Φ 165mm × 内径Φ 20mm	外径Φ 190mm × 内径Φ 20mm
使用できるノコ刃の外径	Φ 155 ~ 165mm	Φ 180 ~ 190mm
最大切り込み深さ	57mm（0°）/ 38mm（45°）	68mm（0°）/ 46mm（45°）
傾斜切断	0 ~ 45°	
本機寸法	長さ 282mm × 幅 221mm × 高さ 227mm	長さ 294mm × 幅 221mm × 高さ 240mm
質量	3.0 kg	3.1 kg

・改良のため、主要機能および形状などは変更する場合がありますので、ご了承ください。

Image 8.1: A table detailing the main specifications for Makita M565 and M585 circular saws. It includes motor type, voltage, current, frequency, power consumption, rotation speed, blade dimensions, usable blade outer diameter, maximum cutting depth (at 0° and 45°), bevel cutting range, main unit dimensions, and weight.

Feature	Specification (M565)
Blade Dimensions	165mm (Outer Diameter) x 20mm (Inner Diameter)
Max Cutting Depth (90°)	57mm
Max Cutting Depth (45°)	38mm
Rotation Speed	5500 rpm
Power Supply	Single-phase 100V
Current	11A
Power Consumption	1050W
Overall Length	282mm
Weight	3.0kg
Product Dimensions (L x W x H)	39.6 x 26.8 x 24.6 cm
Blade Material	Metal
Recommended Use	Wood

9. Warranty and Support

Makita products are manufactured under strict quality control standards. For warranty information, please refer to the

warranty card included with your product or visit the official Makita website. Keep your purchase receipt as proof of purchase for warranty claims.

For technical assistance, spare parts, or service, please contact your local authorized Makita service center. You can find contact information on the official Makita website or through your retailer.

Makita Official Website: https://www.makita.co.jp/

© 2023 Makita Corporation. All rights reserved.

This manual is for informational purposes only. Specifications are subject to change without notice.

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

Open the live page

https://manuals.plus/asin/B00857HX5K

More documents and user manuals: **https://manuals.plus/**