

DEWINNER DE-335DYJ-2

DEWINNER Cordless Circular Saw DE-335DYJ-2 Instruction Manual

INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient operation, setup, and maintenance of your DEWINNER DE-335DYJ-2 Cordless Circular Saw. Please read this manual thoroughly before using the tool to ensure proper handling and to prevent injury or damage. Keep this manual for future reference.

SAFETY INSTRUCTIONS

Always prioritize safety when operating power tools. Failure to follow these instructions may result in serious injury or property damage.

- **Read All Instructions:** Familiarize yourself with the tool's functions and safety warnings before use.
- **Work Area Safety:** Keep your work area clean, well-lit, and free from clutter. Do not operate in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Electrical Safety:** Ensure batteries are charged using the provided charger. Do not expose the tool to rain or wet conditions.
- **Personal Safety:** Always wear appropriate personal protective equipment (PPE), including safety glasses, hearing protection, and gloves. Secure loose clothing and tie back long hair.
- **Tool Operation:** To activate the saw, the power switch and safety trigger must be engaged simultaneously. This dual safety mechanism prevents accidental startup.
- **Electric Brake System:** The integrated electric braking system automatically stops the blade when the trigger is released, enhancing user safety.
- **Secure Workpiece:** Always clamp or otherwise secure the workpiece to prevent movement during cutting.
- **Maintain Control:** Keep a firm grip on the tool with both hands. Do not overreach. Maintain proper footing and balance at all times.
- **Blade Safety:** Ensure the blade guard is functioning correctly and never bypass it. Use only sharp, undamaged blades appropriate for the material being cut.
- **Battery Handling:** Use only DEWINNER 4.0 Ah lithium-ion batteries with this tool. Protect batteries from extreme temperatures and physical damage.

PACKAGE CONTENTS

Upon unpacking, please verify that all items listed below are present and undamaged:

- 1 x DEWINNER Cordless Circular Saw
- 2 x Lithium-ion 4.0 Ah Batteries
- 1 x Fast Charger
- 3 x 165 mm Saw Blades (24-tooth carbide)
- 1 x Hex Key (pre-installed on the machine)
- 1 x Canvas Carrying Bag
- 1 x User Manual (this document)



Figure 1: Contents of the DEWINNER Cordless Circular Saw package, including the saw, two batteries, charger, three blades, hex key, and carrying bag.

PRODUCT FEATURES AND COMPONENTS

The DEWINNER DE-335DYJ-2 Cordless Circular Saw is designed for efficient woodworking tasks. Key features include:

- **Adjustable Cutting Depth:** Steel base allows precise depth adjustment up to 54 mm at 90 degrees.
- **Adjustable Bevel Angle:** Angle adjustment from 0° to 45°, with a maximum cutting depth of 38 mm at 45 degrees.
- **Powerful Motor:** High-torque motor delivers 4,000 RPM for demanding cuts.
- **High-Performance Blade:** 165 mm, 24-tooth carbide blade for smooth and wear-resistant cutting.
- **Ergonomic Design:** Non-slip handle reduces vibration and fatigue during extended use.
- **Dual Safety Switch:** Prevents accidental activation.
- **Electric Brake:** Stops the blade quickly upon trigger release.



Figure 2: Key components of the circular saw, including the spindle lock button, on/off button, support handle, protective cover, cutting depth adjustment, blade guard, saw blade, and battery slot.

PRODUCT DETAILS



Dual Safety Switch



Ergonomic Handle



Adjustable Cutting angle



High Hardness Metal Material

Figure 3: Close-up views highlighting the dual safety switch, ergonomic handle, adjustable cutting angle mechanism, and the high-hardness metal material of the saw blade.

SETUP

1. Battery Charging and Installation

1. **Charge Batteries:** Before first use, fully charge both 4.0 Ah lithium-ion batteries using the provided fast charger. The charger has protection against overcharge/discharge.
2. **Install Battery:** Align the battery with the battery slot on the saw and slide it in until it clicks securely into place. Ensure it is fully seated.
3. **Remove Battery:** Press the battery release button and slide the battery out.

2. Blade Installation and Removal

Warning: Always disconnect the battery before changing the blade.

1. **Access Blade:** Lift the lower blade guard.

2. **Lock Spindle:** Press and hold the spindle lock button to prevent the blade from rotating.
3. **Loosen Arbor Nut:** Use the included hex key to loosen the arbor nut by turning it counter-clockwise.
4. **Remove Blade:** Carefully remove the outer flange and the old blade.
5. **Install New Blade:** Place the new 165 mm blade onto the arbor, ensuring the teeth are pointing in the direction of rotation indicated on the saw. Replace the outer flange and arbor nut.
6. **Tighten Arbor Nut:** While holding the spindle lock button, tighten the arbor nut clockwise with the hex key until secure. Do not overtighten.

3. Adjusting Cutting Depth and Angle



Figure 4: Illustration of the depth adjustment mechanism and the beveling shoe pivoting up to 50 degrees for angled cuts. Maximum cutting depth at 90 degrees is 54mm, and at 50 degrees is 43mm.



Figure 5: Demonstrates the angle adjustment from 0-45 degrees for a maximum cutting depth of 38mm, and the depth adjustment for a maximum cutting depth of 54mm at 90 degrees.

1. **Adjusting Cutting Depth:** Loosen the depth adjustment lever. Move the saw base up or down to achieve the desired cutting depth. Ensure the blade extends only slightly below the workpiece. Tighten the lever securely.
2. **Adjusting Bevel Angle:** Loosen the bevel adjustment lever. Tilt the saw base to the desired angle (0° to 45°). Use the angle scale for precision. Tighten the lever securely.

OPERATING INSTRUCTIONS

Always ensure the workpiece is stable and secured before making any cuts.

1. **Starting the Saw:** With the battery installed, firmly grasp the saw with both hands. Simultaneously press the safety switch and then the trigger switch to start the motor.
2. **Making a Cut:** Allow the blade to reach full speed before contacting the workpiece. Guide the saw smoothly along the cutting line, applying steady, even pressure. Do not force the saw.

3. **Stopping the Saw:** Release the trigger switch. The electric brake will quickly stop the blade. Wait for the blade to come to a complete stop before setting the saw down.
4. **Kickback Prevention:** Avoid situations that can cause kickback, such as binding the blade, cutting wet wood, or making plunge cuts without proper technique.



Applicable To Many Materials



Wood



Bamboo Plywood



Solid wood



Fiberboard



Plywood

Figure 6: An individual demonstrating the use of the DEWINNER circular saw for cutting wood, highlighting its application for various materials like wood, bamboo plywood, solid wood, fiberboard, and plywood.

MAINTENANCE

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

- **Cleaning:** After each use, disconnect the battery and use a brush or compressed air to remove sawdust and debris from the motor vents, blade guard, and base plate. Do not use solvents.
- **Blade Inspection:** Regularly inspect the saw blade for sharpness, cracks, or missing teeth. Replace dull or damaged blades immediately.
- **Guard Functionality:** Ensure the lower blade guard moves freely and retracts properly. Lubricate pivot points if

necessary.

- **Battery Care:** Store batteries in a cool, dry place. Do not store fully discharged batteries for extended periods. Charge them periodically if not in use.
- **Storage:** Store the saw and accessories in the provided canvas carrying bag in a dry, secure location, out of reach of children.

TROUBLESHOOTING

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

- **Saw Does Not Start:**
 - Ensure the battery is fully charged and properly installed.
 - Verify that both the safety switch and trigger switch are engaged simultaneously.
- **Blade Not Cutting Smoothly / Overheating:**
 - The blade may be dull or damaged; replace it.
 - Ensure the blade is appropriate for the material being cut.
 - Check if the cutting depth is set correctly.
 - Do not force the saw; allow the blade to do the work.
- **Excessive Vibration:**
 - Check if the blade is securely installed and not bent or damaged.
 - Ensure the workpiece is firmly secured.

For issues not covered here, please consult the manufacturer's support resources.

SPECIFICATIONS

Feature	Specification
Model Number	DE-335DYJ-2
Brand	DEWINNER
Power Source	Battery Powered
Battery Type	Lithium-ion (2 x 4.0 Ah included)
No-Load Speed	4,000 RPM
Blade Diameter	165 mm
Blade Teeth	24-tooth Carbide
Max Cutting Depth (90°)	54 mm
Max Cutting Depth (45°)	38 mm
Adjustable Bevel Angle	0° to 45°
Product Dimensions (L x W x H)	34 x 20.5 x 26.8 cm

Item Weight	5.3 Kilograms
Color	Green

WARRANTY AND SUPPORT

For warranty information, please refer to the specific warranty card included with your product or contact DEWINNER customer support directly. Information regarding the availability of spare parts is not provided in this manual. For technical assistance or spare parts inquiries, please reach out to the manufacturer or your retailer.

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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

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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