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› [WESCO](#) /

› [WESCO 18V Cordless Mini Circular Saw User Manual](#)

WESCO Handkreissäge

WESCO 18V Cordless Mini Circular Saw User Manual

Model: Handkreissäge | Brand: WESCO

1. IMPORTANT SAFETY INSTRUCTIONS

Always observe basic safety precautions when using electric tools to reduce the risk of fire, electric shock, and personal injury. Read all instructions carefully before operating this tool.

- **Work Area Safety:** Keep your 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:** Avoid body contact with earthed or grounded surfaces. Do not expose power tools to rain or wet conditions.
- **Personal Safety:** Always wear eye protection. Use dust masks, non-skid safety shoes, hard hats, or hearing protection for appropriate conditions. Dress properly; avoid loose clothing or jewelry. Keep hair, clothing, and gloves away from moving parts.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.
- **Battery Pack Use and Care:** Recharge only with the charger specified by the manufacturer. Do not use battery packs with any other power tools.

2. PRODUCT OVERVIEW

The WESCO 18V Cordless Mini Circular Saw is designed for precise and efficient cutting of various materials. Familiarize yourself with its components for safe and effective operation.

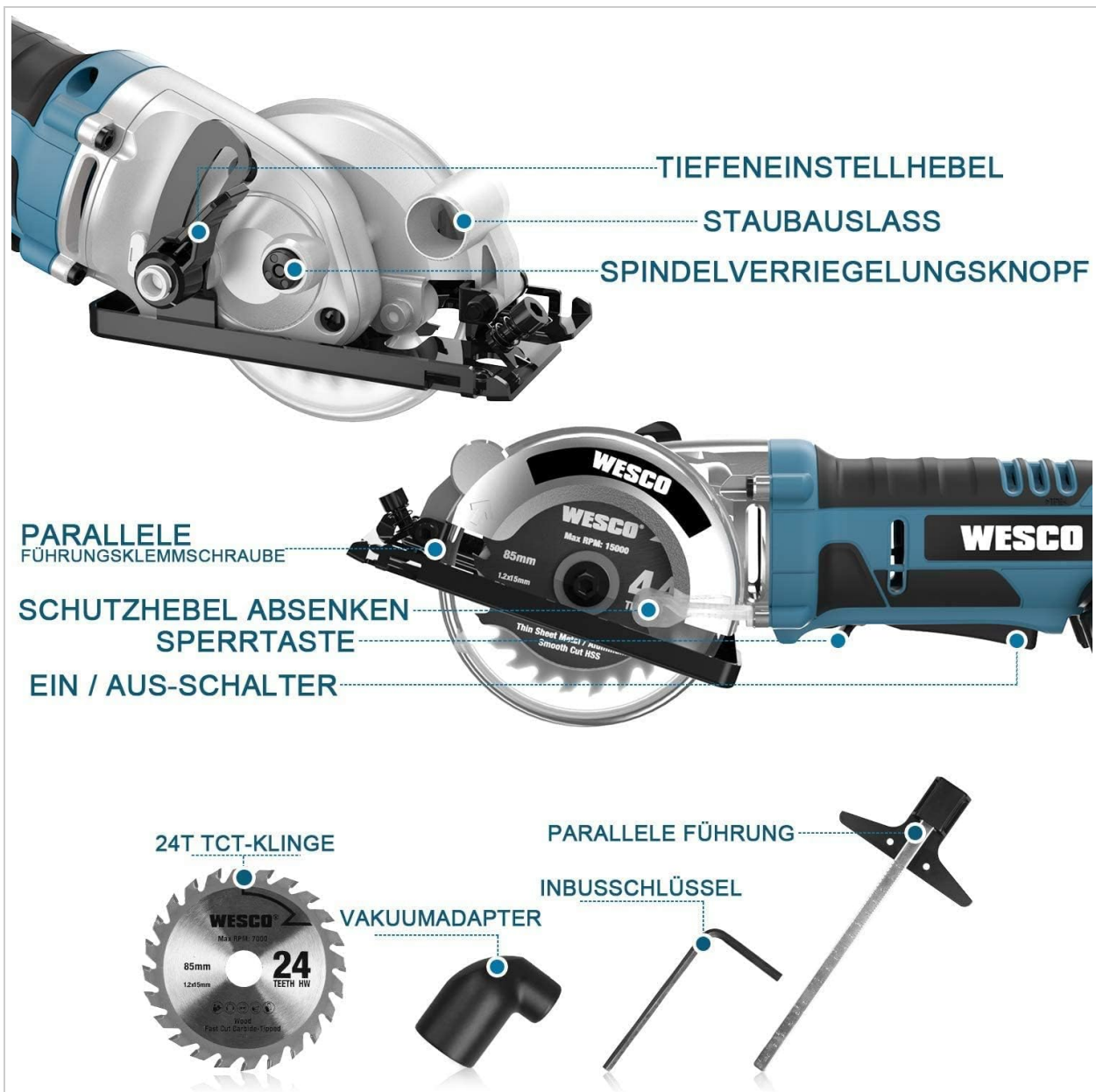


Image: Diagram illustrating the various components and features of the WESCO Mini Circular Saw, including the depth adjustment lever, dust outlet, spindle lock button, parallel guide clamping screw, lower guard lever, lock button, and ON/OFF switch.

Components List

- WESCO Mini Circular Saw Unit
- 18V 2.0Ah Li-ion Battery
- 24T TCT Saw Blade (85mm)
- Battery Charger
- Parallel Guide
- Hex Key
- Vacuum Adapter

3. SETUP

3.1 Battery Charging and Installation

1. Connect the charger to a power outlet.

2. Insert the 18V 2.0Ah Li-ion battery into the charger. The battery typically charges in approximately one hour.
3. Once charged, slide the battery pack firmly into the base of the circular saw until it clicks into place.

3.2 Blade Installation

Ensure the battery is removed before changing the blade.



Image: Step-by-step demonstration of installing a new blade. First, place the blade and washers, then press the spindle lock button and tighten the blade screw.

1. Press and hold the spindle lock button.
2. Using the provided hex key, loosen and remove the blade screw and outer flange.
3. Carefully remove the old blade.
4. Place the new 85mm TCT saw blade onto the spindle, ensuring the teeth direction matches the arrow on the saw guard.
5. Replace the outer flange and blade screw. While still holding the spindle lock button, tighten the blade screw securely with the hex key.

3.3 Parallel Guide Attachment



PARALLELFÜHRUNG

Image: The WESCO Mini Circular Saw being used with the parallel guide to ensure a straight and consistent cut along a workpiece.

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

1. Slide the parallel guide into the slot on the front of the saw base plate.
2. Adjust the guide to the desired cutting width.
3. Tighten the parallel guide clamping screw to secure it in position.

3.4 Dust Extraction

For a cleaner work environment, attach the vacuum adapter to the dust outlet.

1. Connect the vacuum adapter to the dust outlet port on the saw.
2. Attach a suitable vacuum cleaner hose to the adapter.

4. OPERATING INSTRUCTIONS

4.1 Adjusting Cutting Depth

The cutting depth can be adjusted from 0 to 27mm at 90 degrees.



Image: The WESCO Mini Circular Saw in action, demonstrating its ability to cut wood with a maximum cutting depth of 27mm at a 90-degree angle.

1. Loosen the depth adjustment lever located on the side of the saw.
2. Move the base plate up or down to achieve the desired cutting depth. Use the depth scale for accuracy.
3. Securely tighten the depth adjustment lever.

4.2 Starting and Stopping the Saw

The saw features a double safety switch mechanism to prevent accidental startup.



Image: A hand gripping the WESCO Mini Circular Saw, with a focus on the safety switch located near the trigger, indicating its position for activation.

1. To start the saw, first press the safety lock button (often located on the side of the handle).
2. While holding the safety lock button, press the ON/OFF trigger switch.
3. To stop the saw, release the ON/OFF trigger switch.

4.3 Making a Cut

The WESCO Mini Circular Saw is versatile for cutting various materials.

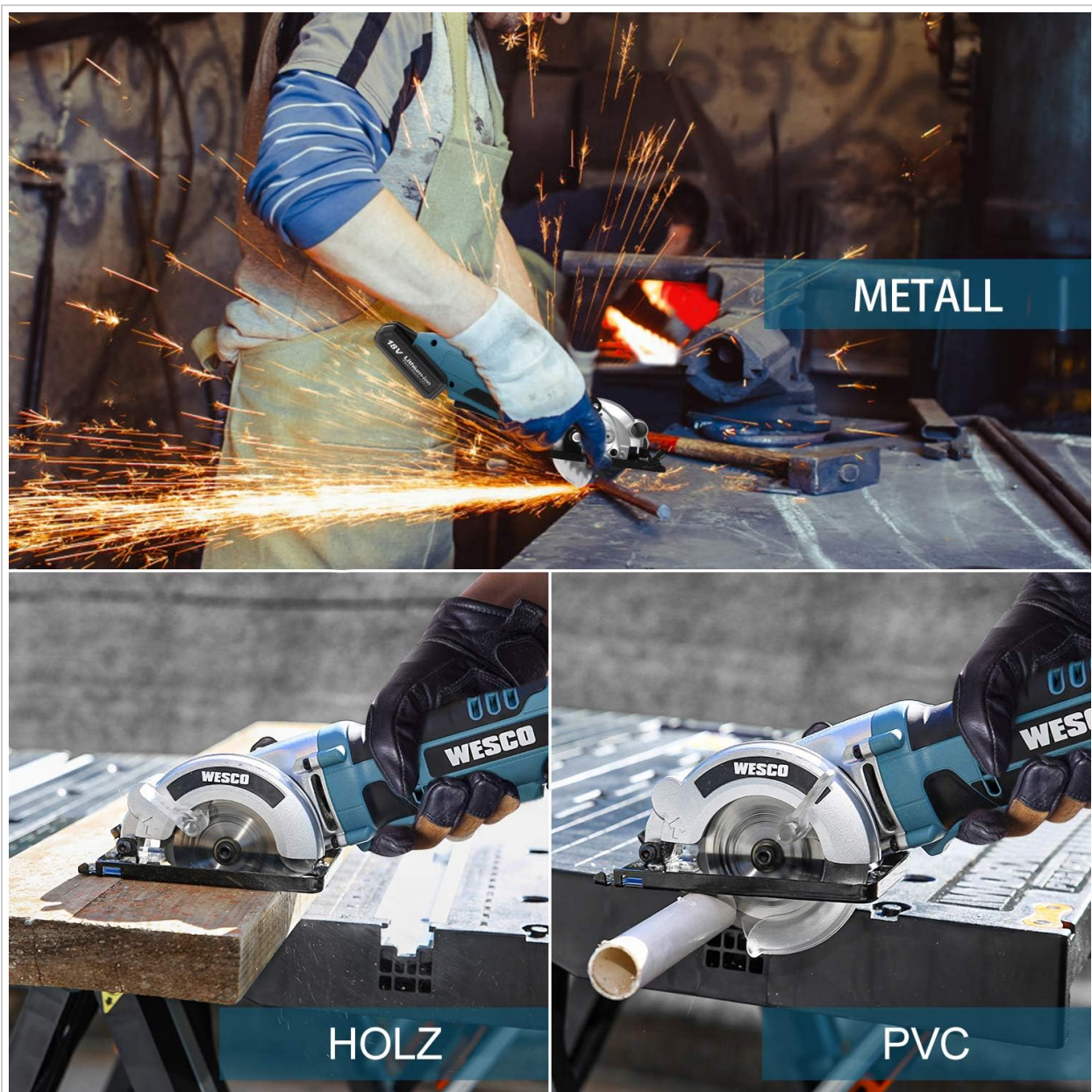


Image: The WESCO Mini Circular Saw demonstrating its capability to cut different materials, including metal (with sparks), wood, and PVC pipes.

1. Secure the workpiece firmly to prevent movement during cutting.
2. Ensure the blade is clear of the workpiece before starting the saw.
3. Start the saw and allow the blade to reach full speed before engaging with the material.
4. Guide the saw smoothly and steadily through the material. Do not force the saw.
5. After completing the cut, release the trigger 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 tool.

- **Cleaning:** After each use, clean the saw housing, ventilation slots, and blade guard with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Blade Inspection:** Regularly inspect the saw blade for sharpness, damage, or missing teeth. Replace dull or damaged blades immediately.

- **Battery Care:** Store batteries in a cool, dry place. Do not store fully discharged batteries for extended periods.
- **Storage:** Store the tool and accessories in a dry, secure location out of reach of children.

6. TROUBLESHOOTING

If you encounter issues with your WESCO Mini Circular Saw, refer to the following common problems and solutions:

- **Saw does not start:**
 - Check if the battery is fully charged and properly installed.
 - Ensure the safety lock button is pressed before engaging the trigger.
 - Inspect the battery terminals and tool contacts for dirt or damage.
- **Poor cutting performance / Blade binds:**
 - The blade may be dull or damaged; replace it if necessary.
 - Ensure the cutting depth is correctly set for the material.
 - Do not force the saw; apply steady, even pressure.
 - Check if the workpiece is securely clamped.
- **Excessive vibration or noise:**
 - Check if the blade is properly installed and tightened.
 - Inspect the blade for damage or imbalance.

7. SPECIFICATIONS

Feature	Specification
Brand	WESCO
Model Number	Handkreissäge
Voltage	18 Volt
Battery Type	Lithium-ion (2.0Ah included)
Wattage	36 watts
No-Load Speed	2300 RPM
Blade Diameter	85 Millimeter
Max. Cutting Depth (90°)	27 Millimeter
Handle Material	Plastic
Blade Material	Metal (TCT)
Item Weight	1.84 Kilograms
Special Features	Depth adjustment

8. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or contact WESCO customer service directly. Keep your purchase receipt as proof of purchase.