

Kärcher KAR 12912430

Kärcher BDS 43/150 C Classic Single-Disc Machine User Manual

Model: KAR 12912430

1. INTRODUCTION

Thank you for choosing the Kärcher BDS 43/150 C Classic Single-Disc Machine. This professional-grade floor cleaning and polishing tool is designed for versatile and efficient deep cleaning of various floor types. Its robust construction and powerful motor ensure reliable performance and a long service life. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your machine.

2. SAFETY INFORMATION

Always adhere to the following safety guidelines to prevent injury or damage to the machine:

- Read all instructions before operating the machine.
- Ensure the power supply matches the machine's specifications (220 V / 50 Hz).
- Do not operate the machine in wet conditions or near flammable liquids/gases.
- Always disconnect the power cord before performing any maintenance or changing accessories.
- Keep hands, feet, and loose clothing away from moving parts.
- Only qualified personnel should perform repairs or replace spare parts.
- Use only Kärcher original spare parts and accessories.

3. SETUP

Follow these steps for initial setup:

1. **Unpacking:** Carefully remove the machine and all accessories from the packaging. Inspect for any shipping damage.
2. **Handle Assembly:** Securely attach the handle to the main unit according to the diagrams provided in the separate assembly guide.
3. **Attach Drive Board/Brush:** The machine comes with a drive board. Attach the appropriate cleaning pad or brush to the drive board. Ensure it is securely fastened before operation.

4. **Power Connection:** Connect the power cable to a suitable 220V / 50Hz grounded electrical outlet.



Figure 3.1: Kärcher BDS 43/150 C Classic machine with handle and brush assembly.

4. OPERATING INSTRUCTIONS

Operating the BDS 43/150 C Classic is straightforward due to its balanced design:

1. **Preparation:** Clear the area to be cleaned of any large debris. For wet cleaning, apply the appropriate cleaning solution to the floor as per product instructions.
2. **Starting the Machine:** Hold the handle firmly with both hands. Tilt the machine slightly back to lift the brush/pad off the floor. Engage the power switch.
3. **Cleaning Motion:** Slowly lower the machine onto the floor. The machine will naturally move in a circular motion. Guide the machine across the floor in overlapping passes to ensure even cleaning.
4. **Connecting Suction Unit (Optional):** If using a suction unit to reduce dust, connect it to the additional socket on the machine before starting operation.
5. **Stopping the Machine:** Tilt the machine back to lift the brush/pad off the floor, then disengage the power switch. Disconnect from the power outlet after use.



Figure 4.1: Machine in operation on a tiled floor, demonstrating cleaning action.



Figure 4.2: User operating the machine, highlighting ergonomic handling.



Figure 4.3: Overhead view of the machine in use, showing the cleaning path.

5. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your machine:

- **After Each Use:** Clean the brush/pad thoroughly. Wipe down the exterior of the machine with a damp cloth.

- **Brush/Pad Inspection:** Regularly inspect the brush or pad for wear and tear. Replace if bristles are worn or the pad is damaged.
- **Planetary Gear:** The planetary gear is maintenance-free. Do not attempt to lubricate or disassemble it.
- **Storage:** Store the machine in a dry, clean place, away from extreme temperatures.



Figure 5.1: Close-up view of the machine's base, showing the brush and wheels for maintenance inspection.



Figure 5.2: Underside view of the machine, illustrating the drive plate attachment area for pad/brush replacement.

6. TROUBLESHOOTING

If you encounter issues, refer to the table below for common problems and solutions:

Problem	Possible Cause	Solution
Machine does not start	No power supply; Power cord damaged; Safety switch not engaged	Check power outlet; Inspect power cord (replace if damaged by qualified personnel); Ensure handle is tilted correctly to engage safety switch
Poor cleaning performance	Worn brush/pad; Incorrect cleaning solution; Insufficient contact pressure	Replace brush/pad; Use appropriate cleaning solution for floor type; Ensure proper machine weight distribution
Excessive vibration or noise	Damaged brush/pad; Loose components; Obstruction	Inspect and replace brush/pad; Check for loose screws; Remove any obstructions from under the machine

If the problem persists, please contact Kärcher customer support or an authorized service center.

7. SPECIFICATIONS

Feature	Value
Model Number	KAR 12912430
Working Width	430 mm
Working Height	90 mm
Brush Working Width	430 mm
Motor Power	1500 W
Brush Contact Pressure	30 g/cm ² / 43 kg
Brush Rotation Speed	150 rpm
Sound Pressure Level	63 dB(A)
Current Type	220 V / 50 Hz
Drive Type	Mains Power
Weight (with accessories)	44.2 kg
Weight (with packaging)	52 kg
Dimensions (L x W x H)	590 x 430 x 1180 mm
Optional Equipment	10 L tank, drive plate

8. WARRANTY AND SUPPORT

Warranty Conditions: Please refer to the specific warranty conditions provided with your purchase documentation. Spare parts should only be replaced by qualified personnel to maintain warranty validity.

Repairs and Spare Parts:

- Regardless of where you purchased your Kärcher device, for repairs, you can return it to any authorized Kärcher dealer.
- For Home & Garden devices, your Kärcher appliance can be sent for online repair via the [myKärcher customer portal](#).
- You can conveniently order spare parts from the Kärcher online shop.
- Small professional devices can also be sent via the myKärcher customer portal.
- For large devices or on-site installations, repairs can be arranged through Kärcher customer service.
- Consult the Kärcher spare parts list for more detailed information on available parts.

For further assistance, visit the official Kärcher website or contact their customer support.

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