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› [Deko](#) /

› [DEKO 300W 14000RPM Random Sander Instruction Manual Model DKOS30G125-v](#)

Deko DKOS30G125-v

DEKO 300W 14000RPM Random Sander Instruction Manual

Model: DKOS30G125-v

1. IMPORTANT SAFETY INSTRUCTIONS

Always follow 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 random sander.

- **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:** Power tool plugs must match the outlet. Never modify the plug in any way. Do not abuse the cord. Never use the cord for carrying, pulling, or unplugging the power tool. Keep cord away from heat, oil, sharp edges, or moving parts.
- **Personal Safety:** Always wear eye protection. Use dust mask, non-skid safety shoes, hard hat, or hearing protection when appropriate. Dress properly. Do not wear loose clothing or jewelry. Keep hair and clothing away from moving parts.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools.
- **Dust Collection:** This sander is equipped with a dust collection system. Ensure it is properly attached and emptied regularly to maintain efficiency and reduce dust exposure.

2. PRODUCT OVERVIEW

The DEKO Random Sander is a powerful 300W electric tool designed for various sanding and polishing tasks. It features a 6-speed variable control, efficient dust collection, and an ergonomic design for comfortable use.

Key Features:

- **Powerful Motor:** 300W motor for efficient grinding.
- **Variable Speed Control:** Adjustable from 7000 RPM to 14000 RPM for coarse to fine sanding.
- **Dust Collection System:** Integrated dust box for a cleaner work environment.
- **Easy Sandpaper Attachment:** Hook-and-loop system for quick and simple sandpaper changes.
- **Versatile Applications:** Suitable for paint removal, rust removal, wood sanding, and polishing furniture or cars.

Components:

Familiarize yourself with the parts of your random sander:



Image: DEKO Random Sander with numbered components. 1. Ergonomic Handle, 2. Power Switch, 3. Sanding Pad with Dust Holes, 4. Speed Adjustment Dial, 5. Dust Collection Box, 6. Dust Exhaust Port.

3. SETUP

3.1 Attaching Sandpaper

The sander uses a hook-and-loop system for quick sandpaper changes. Ensure the sander is unplugged before attaching sandpaper.

1. Align the holes on the sandpaper with the holes on the sanding pad.
2. Press the sandpaper firmly onto the pad until it is securely attached.



125mmサンドペーパー

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Image: Attaching sandpaper to the sanding pad, aligning the dust collection holes.

3.2 Attaching the Dust Collection Box

The dust collection box helps keep your work area clean by capturing sanding dust.

1. Locate the dust exhaust port on the side of the sander.
2. Slide the dust collection box onto the exhaust port until it clicks securely into place.



Image: Illustration of the dust collection system, showing airflow from the sanding pad into the dust box.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

To turn the sander on, slide the power switch to the 'ON' position. To turn it off, slide the switch to the 'OFF' position.

4.2 Adjusting Speed

The sander features a 6-speed adjustment dial, allowing you to select the optimal speed for different materials and tasks.

1. Rotate the speed adjustment dial (located on the top of the sander) to your desired setting.
2. Lower settings (1-2) are suitable for fine finishing or delicate materials.
3. Higher settings (5-6) are for rapid material removal or rough sanding.



Image: Adjusting the 6-speed dial on the sander.

4.3 Sanding Techniques

For best results and to prevent damage to the workpiece or the tool:

- Apply light, even pressure. Excessive pressure can stop the sanding pad's rotation and cause wear to

internal components.

- Move the sander in smooth, overlapping circular motions across the surface.
- Avoid tilting the sander, as this can create uneven surfaces.

4.4 Applications

The DEKO Random Sander is suitable for a wide range of tasks, including:

- Removing old paint or varnish.
- Removing rust from metal surfaces.
- Sanding wood for furniture, DIY projects, or general woodworking.
- Polishing various surfaces to achieve a smooth finish.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your sander. Always unplug the tool before performing any maintenance.

5.1 Cleaning the Dust Collection Box

Empty the dust collection box frequently to maintain effective dust extraction.

1. Detach the dust collection box from the sander.
2. Empty the collected dust into a waste bin.
3. Reattach the dust box securely.



Image: Emptying the dust collection box.

5.2 Replacing Sandpaper

Replace sandpaper when it becomes worn or loses its abrasive quality.

1. Peel off the old sandpaper from the hook-and-loop pad.
2. Attach a new sandpaper disc, ensuring proper alignment of the holes.

5.3 General Cleaning

Wipe down the exterior of the sander with a clean, damp cloth. Do not use harsh chemicals or abrasive cleaners. Keep ventilation openings clear of dust and debris.

6. TROUBLESHOOTING

If you encounter issues with your DEKO Random Sander, refer to the following common problems and solutions:

- **Sander does not start:** Check if the power cord is securely plugged into a working outlet. Ensure the power switch is in the 'ON' position.
- **Sanding pad stops rotating under pressure:** This can occur if excessive pressure is applied. Reduce the pressure on the sander. Ensure the sandpaper is not excessively worn.
- **Poor dust collection:** Check if the dust collection box is properly attached and not full. Empty the dust box if necessary. Ensure the sandpaper holes align with the pad holes.
- **Excessive vibration or noise:** Ensure the sandpaper is correctly attached and not damaged. Check for any loose parts. If the problem persists, discontinue use and contact customer support.

7. SPECIFICATIONS

Brand	Deko
Model Number	DKOS30G125-v
Power Source	Corded Electric
Voltage	100 Volts (AC)
AC Adapter Current	4.5 Amperes
Max Rotational Speed	14000 RPM
Disc Diameter	5 inches
Grit Type	Coarse, Medium, Fine
Included Sandpaper	16 pieces
Item Weight	1.61 Kilograms
Package Dimensions	20 x 16.2 x 13.4 cm

8. WARRANTY AND SUPPORT

DEKO provides a **one-year quality guarantee** from the manufacturer for this electric sander. If you encounter any issues within the warranty period, please contact our customer support for assistance. We are committed to providing a satisfactory solution.

For further support, please refer to the contact information provided with your purchase or visit the official DEKO website.