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› Black & Decker FS600G 1/4 Sheet Sander with Comfort Grip User Manual

BLACK+DECKER FS600G

Black & Decker FS600G 1/4 Sheet Sander with Comfort Grip User Manual

1. PRODUCT OVERVIEW

The Black & Decker FS600G 1/4 Sheet Sander is designed for efficient material removal and smooth finishing on various surfaces. It features GelMax Comfort Grips for enhanced user comfort and a robust dust collection system to maintain a clean work environment. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your sander.



Image 1: The Black & Decker FS600G 1/4 Sheet Sander, showing its orange and black body, comfort grip, sanding base, and attached dust collection bag.

Key Features:

- **GelMax Comfort Grip:** Provides superior comfort and a firm hold during operation.
- **13,000 Orbits Per Minute:** Ensures rapid material removal and a smooth finish.
- **Full Body Rubber Overmolds:** Enhances gripping and reduces vibration.
- **Dust Collection System:** Captures dust effectively, contributing to a cleaner workspace.

2. SAFETY INFORMATION

Always follow basic safety precautions when using electric tools to reduce the risk of fire, electric shock, and personal injury.

General Power Tool Safety Warnings:

- **Work Area Safety:** 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.
- **Electrical Safety:** Power tool plugs must match the outlet. Never modify the plug in any way. Do not abuse the cord. Keep cord away from heat, oil, sharp edges, or moving parts.
- **Personal Safety:** Always wear eye protection. Use safety glasses or goggles. Wear hearing protection when operating for extended periods. Dress properly. Do not wear loose clothing or jewelry. Keep your 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 plug from the power source before making any adjustments, changing accessories, or storing power tools.
- **Dust Safety:** Always use the dust collection system provided. Dust generated from sanding can be harmful. Work in a well-ventilated area and use a dust mask if necessary.

3. SETUP

Attaching Sandpaper:

1. Ensure the sander is unplugged from the power source.
2. Lift the paper clamps on both sides of the sanding base.
3. Insert one end of a 1/4 sheet of sandpaper under one clamp and press the clamp down to secure it.
4. Wrap the sandpaper tightly around the sanding base, ensuring it is flat against the pad.
5. Insert the other end of the sandpaper under the second clamp and secure it.

Attaching the Dust Collection Bag:

The FS600G comes with a dust collection system to minimize airborne dust.

- Locate the dust port at the rear of the sander.
- Slide the dust collection bag firmly onto the dust port until it clicks into place or is securely seated.
- Ensure the bag is empty before starting work for optimal dust collection.

4. OPERATING

Starting and Stopping:

- To start the sander, plug it into a suitable power outlet and press the ON/OFF switch to the 'ON' position.
- To stop the sander, press the ON/OFF switch to the 'OFF' position and unplug the tool.

Sanding Technique:

- Always hold the sander firmly with both hands, utilizing the comfort grips.
- Place the sander flat on the workpiece before turning it on.
- Apply light, even pressure. Do not press down excessively, as this can reduce sanding efficiency and damage

the workpiece or sander.

- Move the sander in long, overlapping strokes, following the grain of the wood for best results.
- For fine finishing, use progressively finer grits of sandpaper.
- Lift the sander from the workpiece before turning it off.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your sander.

Cleaning:

- Always unplug the sander before cleaning.
- Wipe the exterior of the tool with a clean, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Periodically clear dust from the ventilation openings using compressed air or a soft brush to prevent overheating.

Dust Bag Emptying:

- The dust collection bag should be emptied frequently, especially when sanding large amounts of material.
- Remove the dust bag from the sander.
- Unzip or open the bag and empty the contents into a waste receptacle.
- Reattach the bag securely to the sander.

Sanding Pad Inspection:

- Inspect the sanding pad regularly for wear or damage. A worn pad can lead to uneven sanding.
- Replace the sanding pad if it shows signs of significant wear or if sandpaper no longer adheres properly.

6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Sander does not start	No power supply Faulty switch	Check power outlet and cord Contact authorized service center
Poor sanding performance / Uneven finish	Worn sandpaper Incorrect sandpaper grit Excessive pressure Worn sanding pad	Replace sandpaper Use appropriate grit for task Apply light, even pressure Replace sanding pad
Excessive vibration	Improperly attached sandpaper Damaged sanding pad Internal issue	Re-attach sandpaper correctly Replace sanding pad Contact authorized service center
Poor dust collection	Dust bag full Dust bag not properly attached Blocked dust port	Empty dust bag Securely attach dust bag Clear dust port

7. SPECIFICATIONS

Attribute	Value
Model Number	FS600G
Manufacturer	Black & Decker
Power Source	Corded Electric
Orbits Per Minute (OPM)	13,000
Sanding Sheet Size	1/4 Sheet
Product Dimensions	23.98 x 12.7 x 16.84 cm
Item Weight	1.52 kg
Included Components	Bare-tool
UPC	028877456850

8. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your purchase or visit the official BLACK+DECKER website. For technical support or service, contact BLACK+DECKER customer service through their official channels.

Keep your purchase receipt as proof of purchase for any warranty claims.

