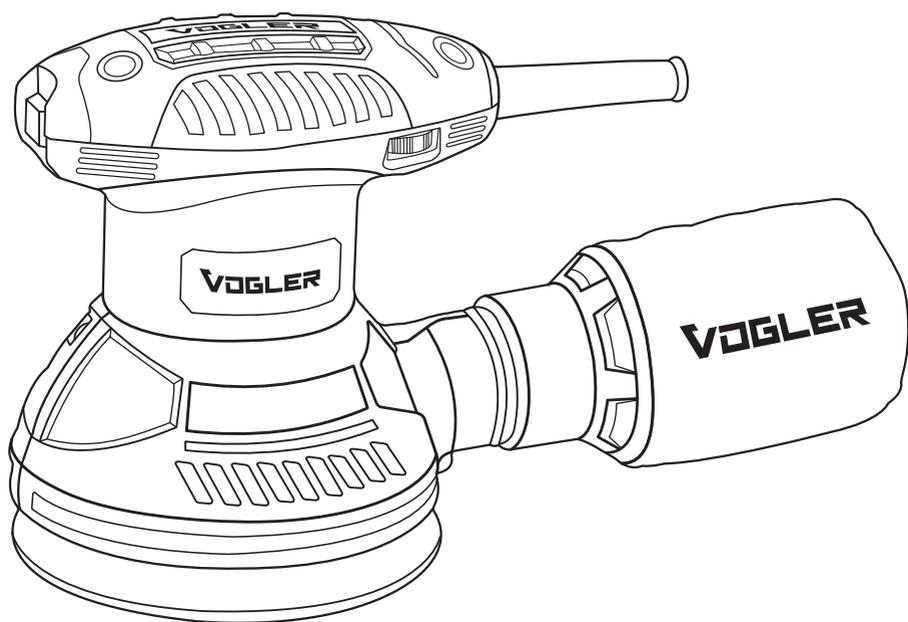


VOGLER[®]

TOOLS, WORK, INTEGRITY

V25500

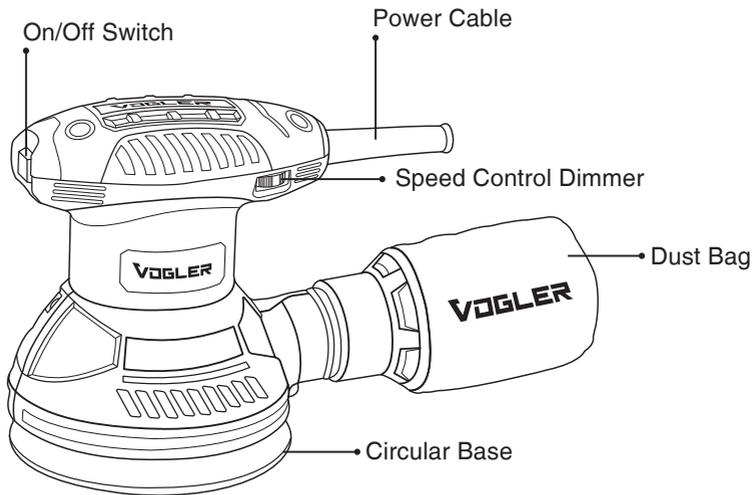


ELECTRIC ORBITAL SANDER 350W

TECHNICAL SPECIFICATIONS

Model	V25500
Power	350W
Voltage	220-240V~
Frequency	50Hz
No-Load Orbits	8000-14000/min
Pad Size	Φ125mm
Noise Level	50≤dB
No Load Vibration	2.5≤m/s ²
Motor Type	Brushed Motor
Weight	1.7Kg
Packaging	Color Box
Accessories	1Pair Carbon Brush 1PC Dust Collecting Bag 3PCs Abrasive Paper

PART LIST



Read the instruction manual before use!

GENERAL POWER TOOL SAFETY WARNINGS

- Failure to follow the instructions and safety warnings may result in electric shock, fire, or serious injury.
- The term “power tool” in this manual refers to both corded (mains-powered) and cordless (battery-powered) tools.

WORKPLACE SAFETY

- Keep the work area clean and well lit. Cluttered or dark areas can lead to accidents.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
- Keep children and bystanders at a safe distance while operating a power tool.
- Distractions can cause you to lose control.

ELECTRICAL SAFETY

- Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.
- Unmodified plugs and matching outlets reduce risk of electric shock.
- Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges, and refrigerators. There is an increased risk of electric shock if your body is grounded.
- Secure the workpiece using clamps or a stable support. Holding a workpiece by hand or against your body is unstable and may lead to loss of control.
- Do not expose power tools to rain or wet conditions. Water entering a power tool increases the risk of electric shock.
- Do not abuse the cord. Never use the cord to carry, pull, or unplug the power tool. Keep the cord away from heat, oil, sharp edges, and moving parts. Damaged or entangled cords increase the risk of electric shock.
- When operating a power tool outdoors, use an extension cord rated for outdoor use. Using a cord suitable for outdoor conditions reduces the risk of electric shock.
- If operating a power tool in a damp location is unavoidable, use a supply protected by a residual current device (RCD). An RCD reduces the risk of electric shock.
- Power tools generate electromagnetic fields (EMF) that are generally harmless. However, individuals with pacemakers or similar medical devices should consult their device manufacturer or a medical professional before use.

PERSONAL SAFETY

- Stay alert, use common sense, and remain focused when operating power tools. Do not use them while tired or under the influence of drugs, alcohol, or medication. A moment of inattention can result in serious personal injury.
- Always use personal protective equipment. Wear safety glasses and use dust masks, non-slip safety shoes, helmets, hard hats, and hearing

protection as needed. Proper PPE helps reduce the risk of injury.

- Prevent accidental starting. Ensure the switch is in the OFF position before connecting the tool to a power source or battery pack, picking it up, or carrying it. Carrying a tool with your finger on the switch or powering it with the switch on can be dangerous.
- Remove all adjustment keys or wrenches before turning the tool on.
- Tools left on rotating parts can cause injury.
- Do not overreach. Maintain proper footing and balance at all times. This ensures better control of the tool in unexpected situations.
- Dress appropriately. Do not wear loose clothing or accessories. Keep long hair and clothing away from moving parts, as they can become entangled.
- If the tool is equipped for dust or chip extraction, ensure the system is connected and used properly. This reduces exposure to dust-related hazards.
- Do not let experience lead to carelessness. Familiarity with the tool should not replace strict adherence to safety instructions. One careless moment can lead to injury.
- Always wear safety glasses when operating power tools. Glasses must comply with ANSI Z87.1 (USA), EN166 (Europe), or AS/NZS 1336 (Australia/New Zealand). In Australia and New Zealand, a face mask is also legally required.
- Never carry power tools by the cord or use the cord to pull the plug from an outlet. Doing so may damage the cord and increase the risk of electric shock.

POWER TOOL USE AND MAINTENANCE

- Select power tools appropriate for the task. Using the right tool improves both efficiency and safety.
- Secure the workpiece before beginning operation. Use clamps or another practical method to hold the material to a stable platform.
- Do not use a power tool if the switch does not turn it on and off. A tool that cannot be properly controlled by its switch is dangerous and must

be repaired.

- Always unplug the tool or remove the battery pack (if applicable) before making adjustments, changing accessories, or storing the tool. This precaution reduces the risk of accidental startup.
- Store power tools out of the reach of children. Do not allow individuals unfamiliar with the tool or these instructions to operate it. Power tools can be dangerous in the hands of untrained users.
- Ensure stored tools are inaccessible to untrained or unauthorized users. Power tools can be dangerous when used by individuals unfamiliar with their operation.
- Maintain tools and accessories regularly. Check for misalignment, binding of moving parts, damage, or any condition that could affect safe operation. Repair any defects before use. Many accidents result from poorly maintained tools.
- Keep cutting tools sharp and clean. Properly maintained tools with sharp edges are safer and easier to control.
- Do not use accessories such as wood cutting blades or other saw blades unless explicitly recommended for the tool. Using incorrect accessories can increase the risk of injury.
- Use power tools, accessories, attachments, and tool bits only as intended and as described in this manual. Always consider the working conditions and the task to be performed. Using the tool for operations different from those intended may lead to hazardous situations and increase the risk of injury.
- Keep handles and gripping surfaces clean and dry, free from oil or grease. A secure grip ensures better control, especially in emergency situations.
- Avoid using this tool while wearing cloth work gloves. Loose fabric can get caught in moving parts, potentially causing injury.

SERVICE AND REPAIRS

- Have your power tool serviced by qualified maintenance personnel. Always ensure that any faulty parts are replaced with identical, original

spare parts. This helps maintain the tool's safety and performance.

- Follow the instructions in this manual when applying lubricating oil or replacing accessories. Proper maintenance ensures safe and efficient operation.
- If your power tool is equipped with carbon brushes, have them replaced by a Vogler authorized service center when worn out. Running the tool with worn brushes may lead to automatic shutoff or motor damage.

SPECIFIC SAFETY RULES

- Do not let comfort or familiarity with the tool (gained from repeated use) replace strict adherence to grinder safety rules. Improper or unsafe use of this tool may result in serious personal injury.
- Always wear safety glasses or goggles, and use a protective mask or face shield when appropriate. Ordinary eyeglasses or sunglasses do not qualify as safety eyewear.
- Do not leave the tool running unattended. Operate the tool only when it is securely held in your hands.
- Hold the tool by insulated gripping surfaces when performing operations where the cutting tool may contact hidden wiring or its own cord. Contact with a "live" wire may cause exposed metal parts of the tool to become energized and result in electric shock.
- This tool is not waterproof. Do not use water on the workpiece surface.
- Always hold the tool firmly during operation.
- Ensure your work area is adequately ventilated during sanding operations.
- Sanding certain materials, such as wood, paint, or similar products, may expose you to dust containing hazardous substances. Always use appropriate respiratory protection.

NOTE

Misuse or failure to follow the safety rules outlined in this instruction manual may result in serious personal injury.

INSTRUCTIONS FOR USE

Always ensure the tool is switched off and unplugged before performing inspection or maintenance.

INSTALLING THE ABRASIVE PAPER

Attach the abrasive paper to the rotary base of the machine and make sure it is securely fixed in place.

SWITCH ACTION

- Before plugging in the tool, always check that the ON/OFF switch returns freely to its original position.
- To turn the machine ON, slide the switch to the ON position. The machine will run continuously.
- To turn the machine OFF, slide the switch to the OFF position.

SPEED CONTROL (DIMMER)

To adjust the speed, use the dimmer switch. The tool offers six speed settings for different applications.

EFFECTIVE AND SAFE SANDING

- Never operate the tool without abrasive paper attached. Doing so may seriously damage the sanding pad.
- Do not apply excessive pressure. Forcing the tool can reduce efficiency, damage the abrasive paper, or shorten the tool's service life.
- Hold the tool firmly. Turn it on and allow it to reach full speed before making contact with the work surface. Keep the pad flush with the surface and apply only light pressure.
- Use the appropriate abrasive paper for different materials. For example, 36# or 46# grit is suitable for sanding metal, while corundum abrasive paper is recommended for wood.
- For general sanding tasks:
 - Use coarser grit (lower number) for more aggressive material removal.
 - Use finer grit (higher number) to achieve a smoother finish.

 **NOTE**

It is strongly recommended to use the dust collecting bag when operating this machine to minimize airborne dust and maintain a cleaner working environment.

INSTALLING THE DUST COLLECTING BAG

 **CAUTION**

Always unplug the tool before installing or removing the dust collecting bag.

- For optimal dust control, use the dust collecting bag during every operation.
- To install: align the opening of the dust bag with the exhaust port and push it gently into place.
- To remove: pull the bag out carefully following the reverse of the installation process.

CARE OF THE TOOL

OVERLOAD

- Do not apply excessive force when operating the tool.
- Too much pressure reduces speed and can cause motor overload.
- If the machine becomes hot, run it without load for two minutes, then pause use and allow it to cool.

MAINTENANCE AND CARE

- Always be sure that the switch is off and the tool is unplugged before attempting to perform inspection and maintenance.
- Clean the machine with a cloth and brush after each use.
- Never use gasoline, benzine, thinner, alcohol, or similar solvents for cleaning. These substances can cause discoloration, deformation, or cracking of the tool's components.
- Keep ventilation slots clear by regularly cleaning the tool's air vents to prevent overheating and maintain optimal performance, especially

when operating in dusty environments.

INSPECTING THE MACHINE

- Regularly inspect all mounting screws and ensure they are properly tightened. Loose screws can cause serious hazards during operation.
- Stop using the tool immediately if any unusual vibration or noise occurs.
- Inspect the cord for damage or exposed wires.
- For repairs or maintenance beyond routine inspection, such as motor servicing or internal part replacement, consult a qualified technician. Always use original replacement parts to maintain tool performance and safety.

ENVIRONMENTAL PROTECTION

- This electronic device contains components that require special disposal.
- To protect natural resources and the environment, do not dispose of this product with regular household waste.
- Please recycle it through your local electronics recycling program.
- For more information, contact your local waste management authority or an authorized recycling center.

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