

ELECTRIC HAND TOOL ACCESSTYLE

ECCENTRIC (ORBITAL) SANDER MODEL OG-A/125-300W/SBS

USER MANUAL



Dear buyer! Thank you for purchasing an Accesstyle brand tool. All our products are manufactured to the highest quality requirements.

We hope that our tool will fully meet your expectations.

For long life, efficient and safe operation, please read this manual carefully and keep it for future reference.

When purchasing a product:

- require checking its operability by trial closing, as well as completeness, according to the delivery set given in this manual;
- make sure that the warranty card is properly executed, contains the date of sale, the stamp of the store and the signature of the seller;

Attention! Power tools are hazardous equipment. To avoid electric shock, fire and/or serious injury you need STRICTLY respect the warnings and instructions. Read all safety warnings and all instructions before operating a power tool. Save all warnings and instructions for future reference

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. Power tools create sparks which may ignite the dust or fumes.

Keep children and bystanders away while operating a power tool.

Distractions can cause you to lose control and injury.

Electrical safety

Power tool plugs must match the outlet; check the operability of the cable, plug and socket; in case of failure of these parts, further operation is prohibited.

The double-insulated tools can be used from sockets without a third earth wire. Power tools without double insulation must be connected to a grounded socket.

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 earthed or grounded. If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply that shuts off the power tool in case of a leak. Use of electrician's rubber gloves and special shoes reduces the risk of electric shock.

Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock

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 and moving parts. Replace damaged cords immediately. Damaged or entangled cords increase the risk of electric shock. When operating a power tool outdoors, use an extension cord suitable for outdoor use.

Personal safety

Stay alert when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.

Dress properly. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewelry or long hair can be caught in moving parts. Keep handles dry, clean and free from oil and grease.

Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source. Carrying power tools with your finger on the switch invites accidents.

Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in the tool damage or serious injury.

Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.

Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions

Power tool use and care

Use clips, adjusting clamps, a vice clamps, or other method to securely hold the workpiece. Holding the part with your hand or body is not secure and could result in loss of control, tool breakage, or injury.

Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed

Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.

Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.

Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.

Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control. Any change or modification is prohibited as this may result in damage to the power tool and/or personal injury.

Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools. Work out a periodic service schedule for your power tool.

Do not use accessories which are not specifically designed and recommended by the tool manufacturer. Just because the accessory can be attached to your power tool, it does not assure safe operation.

Service

Have your power tool serviced by a qualified repair person in authorized service centers. Maintenance performed by unqualified person may cause tool breakage and injury.

Do not use corrosive chemicals or liquids to clean the body parts. Use of some cleaning agents such as gasoline, ammonia, etc. cause damage to plastic parts.

When servicing a power tool, use only recommended replacement consumables, attachments, and accessories. Use of non-approved consumables, attachments, and accessories may result in damage to the power tool or personal injury.

Safety Warnings for eccentric (orbital) sander

Hold tool by insulated gripping surfaces cause the sander may contact its own cord. Contact with a "live" wire will make exposed metal parts of the tool "live" and shock the operator.

Before sanding check the characteristics of the material you are about to sand. Some material contains chemicals which may be toxic. Take caution to prevent working dust inhalation and skin contact.

Always use an appropriate dust mask/respirator to protect your respiratory tract from the dust of the handled materials. Always use a dust extraction system whenever possible.

Dust emitted when processing materials containing quartz (SiO₂) is harmful to health.

It is strictly forbidden to work with asbestos-containing materials.

When sanding wood, always use an extractor or dust collector. Before using the surface grinder for metalworking, be sure to remove the dust bags to prevent sparks from igniting them.

Always use safety goggles and hearing protection. Noise exposure can cause hearing loss.

This tool is not waterproof, so do not use water on the surface of the workpiece.

BRIEF DESCRIPTION OF THE PRODUCT

Description of the parts of the device is shown in Fig. 1



Fig. 1

1. Switch trigger
2. Ventilation holes
3. Sanding plate with Velcro fixation
4. Speed controller
5. Dust bag
6. Dust outlet (for installing a dust bag / connecting a vacuum cleaner)

Technical characteristics:

Engine's type	electric, collector
Power type	from the mains 110-220V/50 Hz
Housing material	plastic
Fixing method	Velcro
Disc diameter	125 mm
Max. disk rotation frequency, rpm	5000-12000 rpm
Max. frequency of oscillation of the plate, vibrations/minute	12000 vibrations/minute
Plate range of motion, mm	3 mm
Number of speeds	6
Rated power	300 W
Network cable length	2 m
Socket type	EU socket

PACKAGE SUPPLY

- 1) Eccentric (orbital) sander OG-A / 125-300W / SBS - 1 pc.
- 2) Dust bag - 1 pc.
- 3) Grinding disc - 3 pcs.
- 4) Instruction - 1 pc.

APPLICATION AREA

An eccentric (orbital) sander (further "sander", "tool") is a hand tool equipped with an electric motor, designed for finishing grinding and polishing surfaces made of wood, metal, stone and other hard materials. With the help of a textile fastener you can fix a grinding wheel of different grain sizes or a polishing disc based on felt and other materials on the round plate - main working unit of the tool. Grinding and polishing is carried out by two types of simultaneous movements of the plate: (1) orbital rotation (2) rotation around its axis. The plate has several openings for removal of dust from a working zone. The tool is equipped with a removable dust collector and can be connected to a vacuum cleaner. The sander connects to the mains and operates on 220V voltage; electric wire and a plug are provided.

The sander is intended for operation at an ambient temperature from -10°C to +40°C, relative air humidity not more than 80% and no direct impact of precipitation and excessive dust content in the air.

The machine complies with the manufacturer's specifications 28.24.11-010922-31599443-2022.

This manual contains information and requirements necessary and sufficient for reliable, efficient and safe operation of the sander.

POWER SUPPLY

Before starting work, make sure that the mains voltage corresponds to the characteristics indicated on the stickers on the product case. Do not connect the tool to a power supply greater than 240 V.

PREPARATION FOR WORK AND OPERATION

Before starting work please make sure that there are no electrical wiring, water or gas pipes using a metal detector.

If using an extension cord, make sure it has the correct wire cross-section and that it is fully untwisted to avoid overheating.

Before connecting to the mains, check:

- serviceability and accuracy of switch trigger;
- reliability of fixing the workpiece;
- integrity and reliable fastening of the grinding disc;

The sander is equipped with electric motor, which is vertically mounted in a plastic case with a drive. The electric motor's axis of rotation is located flatwise to the treated surface. When the engine rotates, the grinding wheel performs fast rotational and oscillatory movements with an amplitude of 3 mm, this provides grinding. The work of the sander is carried out using paper or fabric based abrasive grinding disc fixed on the working plate(3).

The grinder is switched on by pressing the switch trigger (1).

The grinder is switched off by change the switch trigger (1) back.

The optimal speed of rotation and oscillation of the sanding plate is set using the speed controller (4) located on the handle of the sander.

The machine is equipped with a dust outlet (6), which is designed to collect and remove processed products by installing a dust bag (5) or connecting a vacuum cleaner.

START OF WORK

- 1) Inspect the machine and make sure it is complete and free from external damage;
- 2) After transporting the grinder in winter conditions, keep it at room temperature until the water condensate is completely dry.
- 3) Connect the dust bag (5) or the hose of the vacuum cleaner to the dust outlet of the machine to remove the processed products.
 - 4) Install (replace) the grinding disc on the sanding plate (3): place the disc with the abrasive side outward, aligning their edges around the circumferentially, and align the dust collection plate holes and sanding disc holes. Use only good quality sanding sheets as this improves the finish and reduces sanding time. To remove a thick layer of material, use sandpaper with a grit size of 40-60-80 units. For final sanding, use sandpaper with a grit size of 150-320 grit.
- 5) Turn on the sander with the switch trigger (1). Wait for the full acceleration of the grinding wheel, then place the sander with a plate on the surface to be treated. Holding the tool firmly by the handle, gently press the sander against the surface to be treated so that the sanding sheet touches it evenly over its entire area. When grinding, do not apply excessive pressure to the tool, as this may overload the motor, shorten the life of the sanding sheet, and reduce the efficiency of sanding or polishing. Do not block the vents of the grinder (2) during operation, as this may cause the motor to overheat and fail.
- 6) During operation, periodically raise the tool above the treated surface to remove dust and sludge from the surface of the workpiece and the abrasive sheet.

7) The speed of rotation and oscillatory movements of the sander is set by the speed controller (4)

8) At the end of the work, remove the sander from the workpiece, turn the switch trigger (1) to the "OFF" position, wait until the tool stops completely.

TOOL RECOMMENDATIONS

- Place the sanding sheet on the base of the tool so that the sandpaper covers the entire plate.
- Never use your tool without sandpaper.
- Do not turn on the sander if it is in touch with the workpiece, otherwise the workpiece can be damaged.
- Pay attention to the position of the power cord during operation.
- At the end of work: thoroughly clean the machine from dust and processed products from the outside and inside (blow with a vacuum cleaner)

STORAGE AND TRANSPORTATION

The fixed shelf life of the machine is 5 years.

During the specified period please store the tool: at an ambient temperature from minus 50°C to plus 40°C and relative air humidity of no more than 80%.

Transport the tool only in the original packaging.

Before packing, remove the sanding disc, roll up and fix the cord.

The conditions for transporting machines according to climatic factors of the external environment correspond to storage conditions group 5 according to GOST 15150.

TROUBLESHOOTING

Problem	Possible Causes
When the tool is turned on, the electric motor does not work (mains voltage is available)	Defective switch or plug. Breakage of the power cord Faulty brush assembly or collector. Circular fire on the collector. Faulty armature winding. Runout of brushes. Faulty armature winding.
When working, smoke or the smell of burnt insulation comes out of the ventilation holes	Turn-to turn short circuit of armature/stator windings

REPAIR AND SERVICE

Repair of the tool should be carried out only by qualified personnel in authorized service centers.

ATTENTION! The use of any accessories and attachments, or the performance of any operation other than those recommended in this manual, may result in injury or damage to the instrument.

SERVICE MAINTENANCE

Repair of the tool must be carried out only by qualified personnel at authorized service centers.

ATTENTION! The use of any accessories and attachments, or the performance of any operation other than those recommended in this manual, may result in injury or damage to the instrument.

ACCESSTYLE TRADEMARK PRODUCT WARRANTY TERMS.

1. All of the following warranty conditions are subject to the current legislation of the Russian Federation governing the sale of consumer goods.
2. The product warranty period starts from the date of original purchase and is 1 (one) year.
3. The service life of the product is 5 (five) years from the date of purchase or, in its absence, from the date of production, conditioned upon a full compliance with the storage conditions and operating rules, as well as the correct assembly and installation of the tool specified in this manual.
4. The warranty does not cover:
 - 4.1. Cables, adapters, accessories, covers, carrying cords, clips, holders of various types, packaging and documentation.
 - 4.2. Normal wear or damage to the outer surfaces of the product.
 - 4.3. Defects caused by moisture, dampness, extreme temperatures, microwave energy, pressure, shock, insects, animals, liquids, food, dust, chemicals.
 - 4.4. A product that has been repaired or modified by persons other than those specified in clause 5.
 - 4.5. A product that was not used for its intended purpose, as well as in violation of the operating rules set forth in the user manual.
 - 4.6. Defects caused by the use of incompatible equipment or accessories.
5. Warranty service is performed by organizations authorized for this - authorized service centers, the list of which is contained on the support page of the website <http://www.accesstyle.ru> and is available by phone 8-800-250-07-17. During the warranty period, the elimination of manufacturing defects is free of charge for the buyer upon presentation of the original completed warranty card and / or documents confirming the fact and date of purchase (cash receipt). Documents must contain the name of the product model, date of sale, details of the trading organization. In the absence of these documents, the authorized organization has the right to refuse warranty service.
6. The warranty period is extended by the maintenance period. The replacement of components, utilities or a complete set of the product does not lead to the establishment of new warranty periods for the entire product and the replaced parts.
7. Under no circumstances shall the Manufacturer, Importer and organizations authorized by him be liable for any special, incidental, direct or indirect damage or loss, including, but not limited to, lost profits, loss or inability to use information or data, costs of restoring information or data, losses caused by interruptions in business, production or other activities arising from the use or inability to use the Accesstyle product.