

AUTOMATIC

**INSTRUCTION MANUAL
SA200-A**



**200W
1/3 SHEET SANDER**

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Warranty Power Tools

1 Year Repair Warranty.

Register your warranty at www.automatictools.com.au

All warranty conditions can be found on the

www.automatictools.com.au website or email

help@globalpowerbrands.com or call 1800 909 909.

Introduction

Your new AUTOMATIC power tool will more than satisfy your expectations. It has been manufactured under stringent AUTOMATIC Quality Standards to meet superior performance criteria.

You will find your new tool easy and safe to operate, and, with proper care, it will give you many years of dependable service.

CAUTION: Carefully read through this entire Instruction Manual before using your new AUTOMATIC Power Tool. Take special care to heed the Cautions and Warnings.

Environmental protection

Recycle unwanted materials instead of disposing of them as waste. All tools, hoses and packaging should be sorted, taken to the local recycling centre and disposed of in an environmentally safe way.



Description of symbols

The rating plate on your tool may show symbols. These represent important information about the product or instructions on its use.



Wear hearing protection.

Wear eye protection.

Wear breathing protection.



Double insulated for additional protection.



For safe operation read instruction manual.



Appliance complies with requirements of electrical approval & EMC in Australia.



Waste electrical products should not be disposed of with household waste.

Specifications

Model: SA200-A

Voltage: 230-240 V~ 50 Hz

Power rating: 200 W

No- load speed: 6000-12000min⁻¹

Sanding sheet dimensions:

— Adhesion via hook and loop 90 x 187mm

— Attachment via clamping 90 x 230mm

Net weight: 1.55 kg

Length of cordset: 2 m

This tool is double insulated. There are two independent barriers of insulation to protect you from the possibility of electric shock.

General safety rules

WARNING: Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

The term “power tool” in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

1) Work area safety

- a) **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- b) **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.
- c) **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

2) Electrical safety

- a) **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 will reduce risk of electric shock.
- b) **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.

- c) **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- d) **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. Damaged or entangled cords increase the risk of electric shock.
- e) **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.
- f) **To reduce the risk of electric shock, the manufacturer recommends the use of a residual current device with a rated residual current of 30mA or less at all times.**

3) Personal safety

- a) **Stay alert, watch what you are doing and use common sense 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.
- b) **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 will reduce personal injuries.

- c) **Prevent unintentional starting.** Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
- d) **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 personal injury.
- e) **Do not overreach.** Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- f) **Dress properly.** Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.
- g) **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.

4) Power tool use and care

- a) **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.
- b) **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.
- c) **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.

- d) **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.
- e) **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.
- f) **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- g) **Use the power tool, accessories and tool bits etc.** in accordance with these instructions, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.
- h) **This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.**

i) **Children should be supervised to ensure that they do not play with the appliance.**

5) Service

a) **Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.

b) **Follow instruction for lubricating and changing accessories.**

c) **Keep handles dry, clean and free from oil and grease.**

Additional safety rules for sanders

Remove the plug from the socket before carrying out any adjustment, servicing or maintenance.

- Fully unwind cable drum extensions to avoid potential overheating.
- When an extension cable is required, you must ensure it has the right ampere rating for your power tool and is in a safe electrical condition.
- Ensure your mains supply voltage is the same as your tool rating plate voltage.
- Your tool is double insulated for additional protection against a possible electrical insulation failure within the tool.
- Always check walls, floors and ceilings to avoid hidden power cables and pipes.
- After long working periods external metal parts and accessories could be hot.
- Do not force the sander; let the tool do the work at a reasonable speed. Overloading will occur if too much

pressure is applied and the motor slows resulting in inefficient sanding and possible damage to the sander motor.

- When sanding wood, always connect the dust extraction filter.
- Take special care to guard against harmful and toxic dusts when sanding lead-based painted surfaces, woods and etals, including the following:
 - All persons entering the work area must wear a mask specially designed for protection against toxic dust and fumes such as those arising from the sanding of lead paint.
 - Children and pregnant women must not enter the work area.
 - Do not eat, drink or smoke in the work area.
- Before using the sander with metal always remove the extraction filter from the outlet as sparks may ignite the dust or the internal bag.
- Do not continue to use worn, torn or heavily clogged sanding sheets.
- Do not touch the moving sanding sheet.
- Ensure that you have removed foreign objects such as nails and screws from the work before commencing sanding.
- Rags, cloths, cord, string and the like should never be left around the work area.

WARNING: We recommend the use of a residual current device with a residual current rating of 30mA or less.

Wear goggles

Wear ear muffs

Wear a breathing mask

Accessories

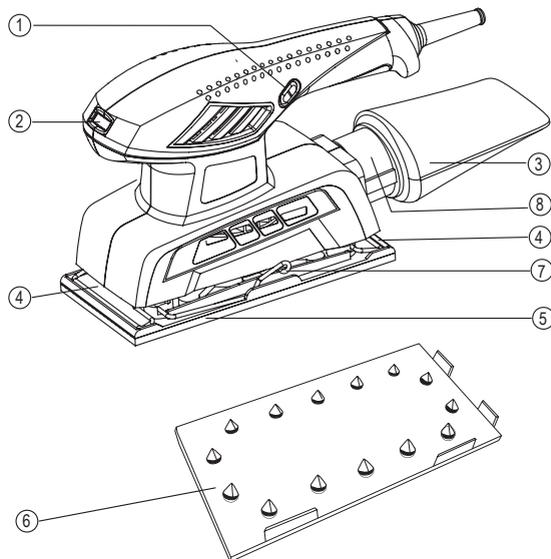
- 1 x dust bag
- 1 x sanding sheet: 80grit
- 1 x hole punch

Unpacking

Due to modern mass production techniques, it is unlikely that your AUTOMATIC Power Tool is faulty or that a part is missing. If you find anything wrong, do not operate the tool until the parts have been replaced or the fault has been rectified. Failure to do so could result in serious personal injury.

WARNING: If any part is missing or damaged, do not plug the tool into the power source or install any accessory until the missing or damaged part is replaced.

Know your product



1. On/Off switch
2. Speed adjusting dial
3. Dust bag
4. Sanding-sheet clamp
5. Sanding plate
6. Hole punch
7. Sanding clamp lever
8. Dust port

Assembly

WARNING: Always ensure that the tool is switched off and the plug is removed from the power point before making any adjustments or maintenance procedures.

1. Installing and replacing the sanding sheet Sanding Sheets with Hook and Loop Backing

- (a) The sanding plate is fitted with hook and loop backing for quick and easy fastening of sanding sheets with hook and loop adhesion. Before attaching the sanding sheet, free the hook and loop backing of the sanding plate from any debris by tapping against it in order to enable optimum adhesion. Position the sanding sheet flush alongside one edge of the sanding plate, then lay the sanding sheet onto the sanding plate and press firmly.
- (b) To remove the sanding sheet, grasp it at one of the tips and pull it off from the sanding plate.

2. Sanding Sheets without Hook and Loop Backing

- (a) Lightly lift and unlatch the sanding-sheet clamp lever(7). Position the sanding sheet under the opened rear sanding sheet clamp(4) to the stop and clamp the sanding sheet by reinserting the sanding-sheet clamp lever(7).
- (b) Fold the sanding sheet firmly around the sanding plate. Guide the other end of the sanding sheet under the front sanding-sheet clamp lever(7) and clamp the sanding sheet by reinserting the sanding-sheet clamp.
- (c) To remove the sanding sheet, unlatch the sanding-sheet clamp lever(7) and pull out the sanding sheet.

3. Installing the dust bag

Attach the dust bag onto the dust port. There are 2 raised bar-type blocks on the outside of the dust port. The dust bag has the same shape to enable connection

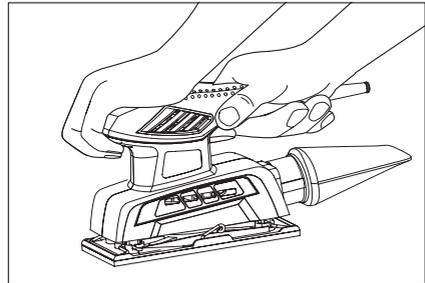
to the port. When attaching the dust bag, push it onto the dust port firmly as far as it will go to prevent it from coming off during operation.

For the best results, empty the dust bag when it becomes approximately half full, tapping it lightly to remove as much dust as possible.

Notes: Prevent dust accumulation at the workplace. Dusts can easily ignite.

Operation

WARNING: Observe correct mains voltage! The voltage of the power source must agree with the voltage specified on the nameplate of the machine.



Switching On and Off

CAUTION: Make sure the tool is not resting on any surface when it is switched on.

To start the machine, push the On/Off switch marked "I" on the left hand side of the sander.

To switch off the machine, push the On/Off switch marked "O" on the right hand side of the sander.

CAUTION:

- Never run the tool without the abrasive paper. You may seriously damage the pad.

- Never force the tool. Excessive pressure may decrease the sanding efficiency, damage the abrasive paper or shorten tool life. Hold the tool firmly. Turn the tool on and wait until it attains full speed. Then gently place the tool on the workpiece surface. Keep the pad flush with the workpiece and apply slight pressure on the tool.

Using the sander

1. The sander is designed for sanding wood, plastic and similar materials. It can be used for sanding back and finishing the surface.
2. This sander is a handy size for medium jobs.
3. Wear safety goggles, a dust mask and ear defenders.
4. The whole sanding pad must rest on the workpiece.
5. Switch the sander on while it is off the workpiece and move it over the surface to be smoothed in a circular motion.
6. Grip the rear of the handle in one hand and push down on the front of the handle with the other hand. Take care to hold the sander parallel to the work.
7. Use moderate pressure only, enough to control the machine without labouring the motor.

TIP: When sanding a rough or painted surface, start off with a coarse grit and work your way through to a finer one until the desired finish is achieved.

8. If there are still marks on your work after sanding, try either going back to a coarser grade and sanding the marks out before recommencing with the original choice of grit, or try using a new piece of sandpaper to eliminate the unwanted marks before going on to a finer grit and finishing the job.

WARNING: Do not use the sander in wet or damp conditions.

To maximise the life of the motor do not use the sander continuously for more than 10-15 min at a time. Allow 5-10 min rest period between usage.

Using the hole punch

If the sandpaper installed does not have holes it will be necessary to punch holes into the sandpaper using the hole punch provided to ensure dust collection during use. Place the hole punch on a level surface. After fitting the sandpaper to the sander align the base of the sander with the hole punch and push down on the sander until the hole punch pierces the sandpaper. Remove the sander from the hole punch.

TIP: Depending on the paper used, you may need to use a pointed screwdriver to open and clear the holes to increase the efficiency of dust extraction.

Selecting the right grade of sandpaper

WARNING: Always ensure that the tool is switched off and the plug is removed from the power point before making any adjustments or maintenance procedures.

- Different grades of sanding paper can be purchased from your local hardware store. Available grades are: Coarse, Medium and Fine.
- Use a coarse grit to sand down rough finishes, medium grit to smooth the work and fine grit to finish off.
- It is best to make a trial run on a scrap piece of material to determine the optimum grades of sandpaper for a particular job. If there are still marks on your work after sanding, try either going back to a coarser grade and sanding the marks out before recommencing with the original choice of grit, or try using a new piece of

sandpaper to eliminate the unwanted marks before going on to a finer grit and finishing the job.

WARNING: Do not use the same sanding sheet for wood and metal. Metal particles become embedded in the sandpaper and will scour a wooden surface.

Maintenance

WARNING: When servicing, use only identical replacement parts. The use of any other part may create a hazard or cause product damage.

If the replacement of the supply cord is necessary, this has to be done by the manufacturer or its agent in order to avoid a safety hazard.

DO NOT use solvents when cleaning plastic parts. Plastics are susceptible to damage from various types of commercial solvents and may be damaged by their use. Use a clean cloth to remove dirt, dust, oil, grease etc.

WARNING: Do not allow brake fluids, gasoline, petroleum-based products, penetrating oils, etc. to come into contact with plastic parts. They contain chemicals that can damage, weaken or destroy plastic.

WARNING: DO NOT attempt to modify tools or create accessories. Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious injury. It will also void the warranty.

DO NOT abuse power tools. Abusive practices can damage the tool and the workpiece.

Lubrication

All of the bearings in this tool are lubricated with a sufficient amount of high-grade lubricant for the life of the unit under normal conditions. Therefore, no further lubrication is required.

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