

ozito

D.I.Y

Orbital Sander

135 Watt

**Operation Manual
3 Year Replacement Warranty**

OSG-101



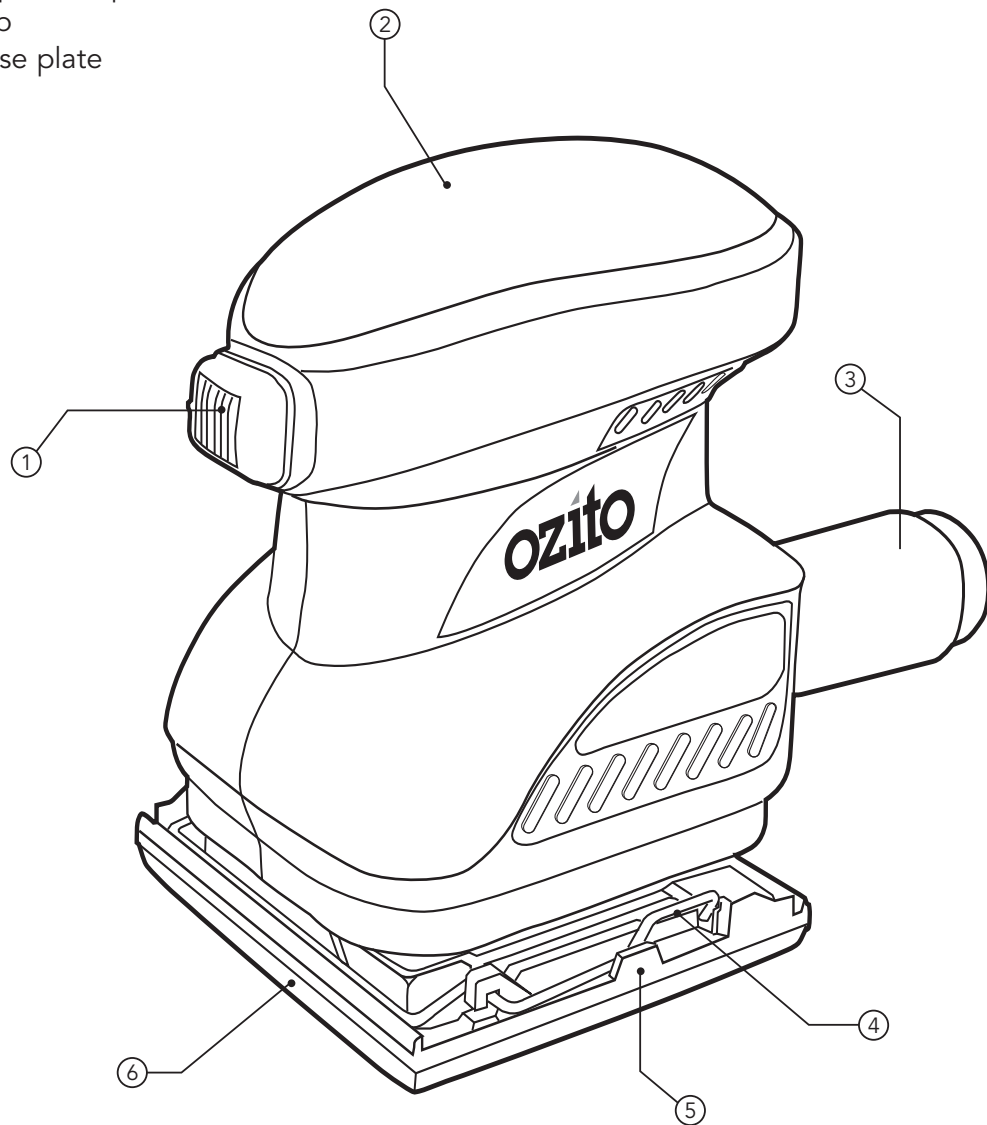
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SPECIFICATIONS - MODEL NO. OSG-101

Motor size:	135W
Input:	230V ~ 50/Hz
Pad size:	1/4 Sheet (100mm x 110mm)
No load speed:	12,000 opm
Features:	Flush sanding on 3 sides Dust extraction facility

1. Dust sealed on/off switch
2. Soft palm grip
3. Dust extraction adaptor
4. Paper clamp
5. Tab
6. Base plate



INTRODUCTION

Congratulations on purchasing an Ozito Orbital Sander. We aim to provide quality tools at an affordable price. We hope you will enjoy using this tool for many years.

Your Ozito Orbital Sander OSG-101 has been designed for sanding timber and is intended for DIY use only.

SAFETY INSTRUCTIONS

Warning! When using mains-powered equipment, basic safety precautions, including the following, should always be followed to reduce risk of fire, electric shock, personal injury and material damage.

Read and understand the manual prior to operating this tool.

Save these instructions and other documents supplied with this tool for future reference.

ELECTRICAL SAFETY

The electric motor has been designed for 230V and 240V only.. Always check that the power supply corresponds to the voltage on the rating plate.

NOTE: The supply of 230V and 240V on Ozito tools are interchangeable for Australia and New Zealand



This tool is double insulated in accordance with AS/NZS 3100: 2002; therefore no earth wire is required.

If the supply cord is damaged, it must be replaced by an electrician or a power tool repairer in order to avoid a hazard.

Note: Double insulation does not take the place of normal safety precautions when operating this tool. The insulation system is for added protection against injury resulting from a possible electrical insulation failure within the tool.

Using an Extension Lead

Always use an approved extension lead suitable for the power input of this tool. Before use, inspect the extension lead for signs of damage, wear and ageing. Replace the extension lead if damaged or defective. When using an extension lead on a reel, always unwind the lead completely. Use of an extension lead not suitable for the power input of the tool or which is damaged or defective may result in a risk of fire and electric shock.

GENERAL

- 1. Keep work areas clean.** Cluttered work areas and benches can cause accidents.
- 2. Consider work area environment.** Do not expose your tool to high humidity or rain. Do not use your tool in damp and wet conditions. Keep the work area well lit. Do not use your tool where there is a risk of causing fire or explosion, e.g. in the presence of flammable liquids and gases.
- 3. Keep children away.** Do not allow children, visitors or animals to come near the work area or to touch the tool or power lead.
- 4. Dress appropriately.** Do not wear loose clothing or jewellery, as these can be caught in moving parts. Preferably wear non-slip footwear when working outdoors. Wear protective hair covering to keep long hair out of the way.
- 5. Head protection.** Always use safety glasses. Use a face or dust mask whenever the operations may produce dust or flying particles. Wear ear protection whenever the sound level seems uncomfortable.
- 6. Guard against electric shock.** Prevent body contact with earthed or grounded surfaces (e.g. pipes, radiators, cookers and refrigerators). Electric safety can be further improved by using a high sensitivity (30 mA / 30 mS) residual current device (RCD).
- 7. Do not overreach.** Keep proper footing and balance at all times.
- 8. Stay alert.** Watch what you are doing. Use common sense. Do not operate the tool when you are tired.
- 9. Secure work piece.** Use clamps or a vice to hold the work piece; it is safer as it frees both hands to operate the tool.
- 10. Remove adjusting keys and wrenches.** Always check that adjusting keys and wrenches are removed from the tool before operating the tool.
- 11. Extension leads.** Before use inspect the extension leads and replace if damaged. When using the tool outdoors, only use extension leads intended for outdoor use and marked accordingly.
- 12. Use appropriate tool.** The intended use is described in this instruction manual. Do not force small tools or attachments to do the job of a heavy duty tool. The tool will do the job better and safer at the rate for which it was intended. Do not force the tool.

Warning! The use of any accessory or attachment, or performance of any operation with this tool other than those recommended in this instruction manual may present a risk of personal injury.

GENERAL (cont.)

- 13. Check for damaged parts.** Before use carefully check the tool and power lead for damage. Check for misalignment and seizure of moving parts, breakage of parts, damage to guards and switches and any other conditions that may affect its operation. Ensure that the tool will operate properly and perform its intended function. Do not use the tool if any parts are damaged or defective. Do not use the tool if the switch does not turn it on and off. Have any damaged or defective parts repaired or replaced by an electrician or a power tool repairer. Never attempt any repairs yourself.
- 14. Unplug the tool.** Shut off the power and wait for the tool to come to a complete standstill before leaving it unattended. Unplug the tool when it is not in use, before changing any parts of the tool, accessories or attachments and before servicing.
- 15. Avoid unintentional starting.** Do not carry the tool with a finger on the on/off switch. Make sure the tool is switched off when plugged in.
- 16. Do not abuse the cord.** Never carry the tool by its cord or pull it to disconnect from the socket. Keep the cord away from heat, oil and sharp edges.
- 17. Connect dust extraction equipment.** If devices are provided for the connection of dust extraction and collection facilities, ensure that these are connected and properly used.
- 18. Store idle tools.** When not in use, tools should be stored in a dry, locked up or high place, out of reach of children.
- 19. Maintain tools with care.** Keep tools clean and in good condition for better and safer performance. Follow the instructions for maintenance and changing accessories. Keep handles and switches dry, clean and free from oil and grease.
- 20. Have your tool repaired by an electrician or a power tool repairer.** This power tool complies with relevant safety requirements. To avoid danger, electrical appliances must only be repaired by qualified technicians using original spare parts; otherwise this may result in considerable danger to the user.
- 21. Users.** This appliance is not intended for use by young children or infirmed persons without supervision. Young children should be supervised to ensure that they do not play with this appliance.
- 22. Replacement of the supply cord.** If the supply cord is damaged, it must be replaced by an electrician or a power tool repairer in order to avoid a hazard.

ADDITIONAL SAFETY INSTRUCTIONS FOR ORBITAL SANDERS

Unplug the sander before changing accessories. Accidental start-ups may occur if the sander is plugged in while changing an accessory.

Disposing of dust. Be extremely careful of dust disposal, materials in fine particle form may be explosive. Do not throw sanding dust on an open fire. Spontaneous combustion, may in time, result from a mixture of oil or water with dust particles.

ADDITIONAL SAFETY INSTRUCTIONS (cont.)

Always wear eye protection and a dust mask for dusty applications and when sanding overhead. Sanding particles can be absorbed by your eyes and inhaled easily and may cause health complications.

Use special precautions when sanding chemically pressure treated timber, paint that may be lead based, or any other materials that may contain carcinogens. A suitable breathing respirator and protective clothing must be worn by all persons entering the work area. Work should be sealed by plastic sheeting and persons not protected should be kept out until work area is thoroughly cleaned.

Do not 'wet sand' with this sander. Liquids entering the motor housing are an electrical shock hazard.

Do not use sandpaper intended for larger sanding pads. Larger sandpaper will extend beyond the sanding pad causing snagging, tearing of the paper or kick-back. Extra paper extending beyond the sanding pad can also cause serious lacerations.

Warning! Some dust created by power sanding, sawing, grinding, drilling and other construction activities contains chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- Lead from lead-based paints
- Crystalline silica from bricks and cement and other masonry products
- Arsenic and chromium from chemically treated timber

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area and work with approved safety equipment, such as dust masks that are specially designed to filter out microscopic particles.

OPERATION

BE SURE TO DISCONNECT THE ORBITAL SANDER FROM THE POWER SUPPLY BEFORE ATTACHING OR REMOVING THE SANDPAPER

Attaching Sandpaper

Your sander has a base plate size of 110 x 100mm; to ensure the paper holds into the paper clamps the paper size should be longer than the pad size (Approx 160 x 100mm)

The most effective way of purchasing paper is in bulk and cutting it to size.

- Soften the stiff sandpaper by pulling it over the 90° edge of a table or other straight edge. Concentrate on softening the edges to be clamped.
- Release clamp by lifting up on the lever and disengaging it from the tab on the base plate.
- Insert the edge of the sandpaper under the front paper clamp. Close the front paper clamp and hook it into the lock position behind the tab on the baseplate.

OPERATION (cont.)

- Wrap the sandpaper around the baseplate and insert under the opposite clamp in the same way.
- If you are using the dust extraction facility, perforate the paper while it is on the baseplate.

On/off Switch

This tool is equipped with a simple switch control. To turn on the tool depress the "I" side of the switch. To turn the tool depress the "O" side of the switch.

Dust Extraction

With the dust extraction adaptor supplied you can attach the tool to most portable vacuum cleaners. To utilise this facility, push the adaptor into the dust extraction port at the rear end of the sander. Fit the vacuum hose in or over the adaptor, depending on the hose size. (The sandpaper must be perforated exposing the holes in the base to facilitate dust extraction)

Note: The dust extraction facility will only work when used with a vacuum cleaner or dust extraction machine.

THIS PRODUCT IS NOT INTENDED FOR USE ON PLASTER. USING THIS PRODUCT ON PLASTER WILL VOID THE WARRANTY.

Operation

To operate your sander, grasp it and turn it on (do not completely cover the air vents with your hand). Move it in long, sweeping strokes along the surface to be sanded, let the sander do the work. Pushing down on the tool while sanding, actually slows the removal rate and produces an inferior quality surface. Be sure to check your work often as this sander is capable of removing material rapidly, especially with coarse paper.

Your sander is designed to sand flush on three sides and to sand in corners; its small size and light weight make it ideal for overhead work.

The orbital action of your sander allows you to sand with the grain or at any angle across it for most sanding jobs.

On the final steps a better finish will result if you sand with the grain.

To produce the best finish possible, start with coarse grit sandpaper and change gradually to finer and finer paper. A final sanding with a piece of well worn fine sandpaper will produce a professional looking finish that in many cases will need no hand sanding at all.

When sanding painted surfaces, you may find the sandpaper loads up and clogs with paint. A heat gun will work much better to remove paint before sanding. FOLLOW ALL SAFETY INSTRUCTIONS IN THE HEAT GUN'S INSTRUCTION MANUAL.

Precautions to Take When Sanding Paint

Sanding of lead based paint is NOT RECOMMENDED due to the dangers of lead poisoning. In dusty areas a dust mask should be worn.

OPERATION (cont.)

Environmental Safety

- Paint should be removed in such a manner as to minimize the amount of dust generated.
- Areas where paint removal is occurring should be sealed with plastic sheeting.
- Sanding should be done in a manner to reduce tracking of paint dust outside the work area.

Cleaning and disposal

- All surfaces in the work area should be vacuumed and thoroughly cleaned daily for the duration of the sanding project. Vacuum filter bags should be changed frequently.
- Plastic drop sheets should be gathered up and disposed of along with any dust chips or other removal debris. They should be placed in sealed refuse receptacles and disposed of through regular garbage pick-up procedures.
- During clean up, children and pregnant women should be kept away from the immediate work area.
- All toys, washable furniture and utensils used by children should be washed thoroughly before being used again.

MAINTENANCE

- Keep the ventilation slots of the tool clean at all times. If possible prevent foreign matter from entering the vents.
- After each use, blow air through the tool housing to ensure it is free from all dust particles that may build up. Build up of dust particles may cause the tool to overheat and fail.
- If the enclosure of the tool requires cleaning do not use solvents but a moist soft cloth only. Never let any liquid get inside the tool; never immerse any part of the tool into a liquid.
- When the carbon brushes wear out the tool will spark and/or stop. The brushes are a wearing component of the tool and should be replaced prior to the carbon wearing out full. Brushes will wear out after many uses but before they do take the tool to an electrician or a power tool repairer for quick and low cost replacement. Always replace both brushes at the same time.

Note: Ozito Industries will not be responsible for any damage or injuries caused by the repair of the tool by an unauthorised person or by mishandling of the tool.

CARING FOR THE ENVIRONMENT



Petrol tools that are no longer usable should not be disposed of with household waste but in an environmentally friendly way. Please recycle where facilities exist. Check with your local council authority for recycling advice.



Recycling packaging reduces the need for landfill and raw materials. Reuse of recycled material decreases pollution in the environment. Please recycle packaging where facilities exist. Check with your local council authority for recycling advice.

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OZITO INDUSTRIES PTY LTD

AUSTRALIA (Head Office)

1 - 23 Letcon Drive, Bangholme, Victoria, Australia 3175

Telephone: 1800 069 486

Facsimile: +61 3 9238 5588

Website: www.ozito.com.au

Email: enquiries@ozito.com.au

WARRANTY

THIS WARRANTY FORM AND CONFIRMED BUNNINGS REGISTER RECEIPT SHOULD BE **RETAINED BY THE CUSTOMER** AT ALL TIMES

The warranty is only made available by returning the product to your nearest Bunnings Warehouse with a **confirmed Bunnings register receipt**.

**YOUR WARRANTY FORM SHOULD BE RETAINED
BY YOU AT ALL TIMES.**

**SHOULD YOU HAVE ANY QUESTIONS PRIOR TO
RETURNING YOUR PRODUCT FOR WARRANTY OR
REPAIR PLEASE TELEPHONE OUR CUSTOMER
SERVICE HELPLINE:**

**Australia 1800 069 486
New Zealand 0508 069 486**

TO ENSURE A SPEEDY RESPONSE PLEASE HAVE THE MODEL NUMBER AND DATE OF PURCHASE AVAILABLE. AN OZITO CUSTOMER SERVICE REPRESENTATIVE WILL TAKE YOUR CALL AND ANSWER ANY QUESTIONS YOU MAY HAVE RELATING TO THE WARRANTY POLICY OR PROCEDURE.

PURCHASED FROM: _____

DATE PURCHASED: _____

3 YEAR REPLACEMENT WARRANTY

Your Ozito tool is guaranteed for a period of **36 months from the original date of purchase** and is intended for DIY (Do it yourself) use only.

WARNING

The following actions will result in the warranty being void.

- Professional, Industrial or high frequency use.
- If the tool has been operated on a supply voltage other than that specified on the tool.
- If the tool shows signs of damage or defects caused by or resulting from abuse, accidents or alterations.
- If the tool is disassembled or tampered with in any way.

Note: Warranty excludes consumable parts such as brushes, batteries, sanding pads, sandpaper, blades, discs, drill bits, collets and router bits.