

MAINTENANCE

- Keep the ventilation vents of the sander clean at all times, if possible, prevent foreign matter from entering the vents.
- After each use, blow air through the sander housing to ensure it is free from all dust particles which may build up. Build up of dust particles may cause the drill to overheat and fail.
- If the enclosure of the drill requires cleaning, do not use solvents but a moist soft cloth only. Never let any liquid get inside the drill; never immerse any part of the drill into a liquid.


Replacing the Hook & Loop Backing Pad


After considerable use, the hook and loop backing pad surface will become worn, and must be replaced when it no longer offers a firm grip. The replacement backing pad can be ordered through the Special Orders Desk at any Bunnings store.


- To replace, remove the four philips head screws by rotating anti-clockwise.
- Place new backing pad on the tool and retighten the four philips head screws by rotating clockwise.


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.


DESCRIPTION OF SYMBOLS

 **Danger!** Read the operating instructions to reduce the risk of inquiry.

 Double insulated (Protection Class II)

 **Caution! Wear ear-muffs.** The impact of noise can cause damage to hearing.

 **Caution! Wear a breathing mask.** Dust which is injurious to health can be generated when working on wood and other materials. Never use the device to work on any materials containing asbestos!

 **Caution! Wear safety goggles.** Sparks generated during working or splinters, chips and dust emitted by the device can cause loss of sight.

SERVICE INFORMATION

Please note that the following parts of this product are subject to normal or natural wear and that the following parts are therefore also required for use as consumables.

Category	Example
Wear parts*	Carbon brushes, grinding/sanding plate
Consumables*	Grinding/sanding paper
Missing parts	

* Not necessarily included in the scope of delivery!

TROUBLE SHOOTING

Sparking visible through the housing air vents

A small amount of sparking may be visible through the housing vents. This is normal and does not indicate a problem.

Excessive sparking visible through the housing air vents and/or the drill failing to operate

May indicate the carbon brushes have worn out and need to be replaced. Carbon brushes should only be replaced by a qualified electrician or power tool repairer.

Sandpaper Selection

Selecting the correct grit of sandpaper is an important step in achieving optimum results. Coarse grit will remove the most material. Finer grit will produce a smoother finish. The condition of the workpiece will determine the grit of the sandpaper to be used. The higher the grit number, the finer the grade of sandpaper.

If the surface is rough, start with a coarse grit and sand until the surface is uniform. Medium grit may then be used to remove scratches left by the coarse grit. Finer grit is then used to finish the surface. Always continue sanding with each grade of sandpaper until the surface is uniform.

MATERIAL	APPROPRIATE GRIT	
	Coarse Sanding	Fine Sanding
Paintwork	180	400
Wood: Softwood	60	240
Hardwood	60	180
Veneer	240	320

Note: If intermediate sanding is required, choose a grit rating between coarse and fine. The above table is intended as a guide only. To ensure a satisfactory result, a small, inconspicuous area should first be tested to ensure the grit of sandpaper chosen is suitable for the desired finish.

Sanding Tips

Never force the sander. The weight of the sander supplies adequate pressure, allowing the sandpaper to do the work. Applying additional pressure will slow the motor, rapidly wear the sandpaper, and greatly reduce the sander speed. This will slow the removal rate and produce an inferior quality surface.

CAUTION: Excessive pressure will overload the motor, causing possible damage to the sander by overheating the motor, or damage to the workpiece.

Be sure to check your workpiece often. The sander is capable of removing material rapidly, especially with coarse paper.

The orbital action of your sander allows you to sand with the grain, or at any angle across it for most sanding jobs. In the final stages a better finish will be achieved by sanding with the grain.

Do not sand on one spot for too long. The sander's rapid action may remove too much material, creating an uneven surface.

SPARE PARTS

Spare parts can be ordered from the Special Orders Desk at your local Bunnings Warehouse or Homebase store.

For further information, or any parts visit www.ozito-diy.co.uk or contact Ozito Customer Service: Great Britain: 0151 294 4488

Ireland: 1850 882711

E-mail: info@ozito-diy.co.uk

SOUND & VIBRATION

Sound and vibration values were measured in accordance with EN 60745.

L_{pa} sound pressure level:	71 dB
K_{pa} uncertainty:	3 dB
L_{wa} sound power level	82 dB
K_{wa} uncertainty:	3 dB

Wear ear-muffs.

The impact of noise can cause damage to hearing.

Total vibration values (vector sum of three directions) determined in accordance with EN 60745.

Vibration emission value $a_{hv} = 1.23 \text{ m/s}^2$
K uncertainty = 1.5 m/s^2

The specified vibration value was established in accordance with a standardized testing method. It may change according to how the electric equipment is used and may exceed the specified value in exceptional circumstances.

The specified vibration value can be used to compare the equipment with other electric power tools.

The specified vibration value can be used for initial assessment of a harmful effect.

Keep the noise emissions and vibrations to a minimum.

- Only use appliances which are in perfect working order.
- Service and clean the appliance regularly.
- Adapt your working style to suit the appliance.
- Do not overload the appliance.
- Have the appliance serviced whenever necessary.
- Switch the appliance off when it is not in use.
- Wear protective gloves.

DECLARATION OF CONFORMITY

ISC GmbH · Eschenstraße 6 · D-94405 Landau/Isar

EU

explains the following conformity according to EU directives and norms for the following product

Detail Sander DSR-2500U (Ozito)

<input type="checkbox"/> 2014/29/EU	<input checked="" type="checkbox"/> 2006/42/EC
<input type="checkbox"/> 2005/32/EC_2009/125/EC	<input type="checkbox"/> Annex IV
<input type="checkbox"/> 2014/35/EU	Notified Body No.:
<input type="checkbox"/> 2006/28/EC	Reg. No.:
<input checked="" type="checkbox"/> 2014/30/EU	<input type="checkbox"/> 2000/14/EC_2005/88/EC
<input type="checkbox"/> 2014/32/EU	<input type="checkbox"/> Annex V
<input type="checkbox"/> 2014/53/EC	<input type="checkbox"/> Annex VI
<input type="checkbox"/> 2014/68/EU	Noise: measured $L_{wa} = \text{dB (A)}$; guaranteed $L_{wa} = \text{dB (A)}$
<input type="checkbox"/> 90/396/EC_2009/142/EC	$P = \text{KW}$; $L/O = \text{cm}$
<input type="checkbox"/> 89/686/EC_96/58/EC	Notified Body:
<input checked="" type="checkbox"/> 2011/65/EU	<input type="checkbox"/> 2012/46/EU
	Emission No.:

Standard references: EN 60745-1; EN 60745-2-4;
EN 55014-1; EN 55014-2; EN 61000-3-2; EN 61000-3-3

Landau/Isar, den 01.08.2017


Weichselgartner/Generäl-Manager


Yang/Product-Management

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Documents registrar: R. Gehard
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ELECTRICAL SAFETY

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

Read the whole manual carefully and make sure you know how to switch the tool off in an emergency, before operating the tool.

Save these instructions and other documents supplied with this tool for future reference. Before you connect the equipment to the mains supply make sure that the data on the rating plate are identical to the mains data.

 This tool is double insulated therefore no earth wire is required.

GENERAL POWER TOOL SAFETY WARNINGS

WARNING! Read all safety warnings, instructions, illustrations and specifications provided with this power tool. 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.

- 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.
- Electrical safety
 - Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plug with earthed (grounded) power tools. Unmodified plugs and matching outlets will 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 earthed or grounded.
 - 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 or moving parts. Damaged or entangled cords increase the risk of electric shock.
 - 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.
 - If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply. Use of an RCD reduces the risk of electric shock.
- Personal safety
 - 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.
 - 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.
 - 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.

DETAIL SANDER SAFETY WARNINGS

WARNING!

- This tool may only be used for dry grinding/ sanding operations.
- Always guide the power cable away from the back of the tool.
- Use of the tool on materials containing asbestos is prohibited.
- Always remove the plug from the power supply socket before carrying out any work on the machine (cleaning the sander, changing the sandpaper, etc.).
- Always disconnect the machine by removing the plug from the socket, not by pulling on the power cable.
- Keep your workplace clean and well illuminated.
- Make sure that the workpiece is sufficiently secured so that it cannot slip.
- Keep children away.
- For your own sake, keep the machine clean at all times and check it for signs of damage each time after using it.
- Make sure that the switch is set to OFF before you insert the plug into the power supply socket.
- Make sure of your footing, particularly when working on ladders and platforms.
- Harmful or toxic dust can be produced when working on wood or metal. Touching or inhaling this dust can be harmful for the operator and other persons nearby.

- Hold the equipment by the insulated handles because the grinding/sanding belt may strike the equipment's own power cable. Damaging a live cable may make the metal parts of the equipment live and cause an electric shock.
- To protect your health, always wear safety goggles and a dust mask during sanding/ grinding work!
- If you discover any damage to the machine, use the exploded diagram and the spare parts list to determine which parts need to be ordered from Customer Service.
- Important! Wear safety goggles and a dust mask.** 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. Children should be supervised to ensure that they do not play with the appliance.
- Do not lose these safety instructions.**

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.

ozito

DETAIL SANDER

180W

ORIGINAL INSTRUCTIONS

SPECIFICATIONS

Voltage:	230-240V~50Hz
Motor:	180W
No Load Speed:	15,000/min
Oscillation Size:	1.6mm
Pad Size:	140x140x80mm
Paper Fitment:	Hook & Loop
Protection Class:	II
Weight:	1.5kg

ozito-diy.co.uk



3 YEAR REPLACEMENT WARRANTY

WARRANTY

All of our products undergo strict quality checks to ensure that they reach you in perfect condition. In the unlikely event that your device develops a fault, please contact our service department at the address shown on this guarantee card. You can also contact us by telephone using the customer service number shown. Please note the following terms under which guarantee claims can be made:

1. The warranty terms regulate additional warranty services, which the manufacturer mentioned below promises to buyers of its new products in addition to their statutory guarantee claims are not affected by this guarantee. Our guarantee is free of charge to you.

2. The warranty services only covers defects due to material or manufacturing faults on a product which you have bought from the manufacturer mentioned below are limited to either the rectification of said defects on the product or the replacement of the product, whichever we prefer. Please note that our devices are not designed for use in commercial, trade or professional applications. A guarantee contract will not be created if the device has been used by commercial, trade or industrial business or has been exposed to similar stresses during the guarantee period.

3. The following are not covered by our guarantee:
- Damage to the device caused by a failure to follow the assembly instructions or due to incorrect installation, a failure to follow the operating instructions (for example connecting it to an incorrect mains voltage or current type) or a failure to follow the maintenance and safety instructions or by exposing the device to abnormal environmental conditions or by lack of care and maintenance.

- Damage to the device caused by abuse or incorrect use (for example overloading the device or the use of unapproved tools or accessories), ingress of foreign bodies into the device (such as sand, stones or dust, transport damage), the use of force or damage caused by external forces (for example by dropping it).

- Damage to the device or parts of the device caused by normal or natural wear or tear or by normal use of the device.

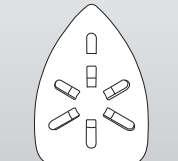
WHAT'S IN THE BOX



Detail Sander



Dust Canister



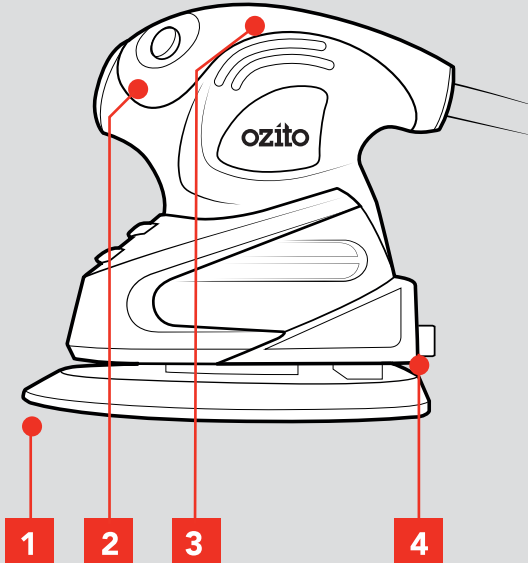
20 x Sanding Paper

DSR-2500U

KNOW YOUR PRODUCT

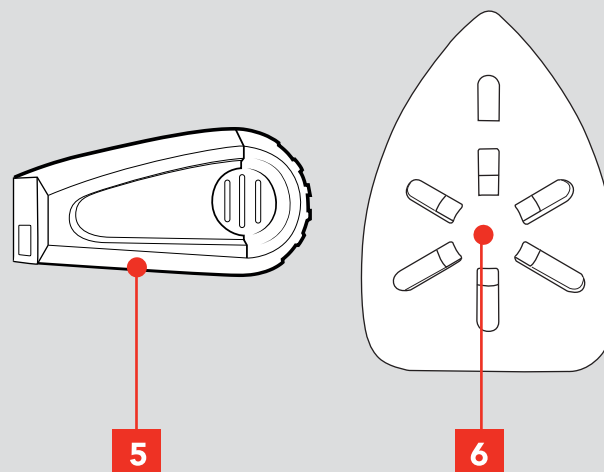
DETAIL SANDER

- 1 On/Off Switch
- 2 Hook & Loop Sanding Pad
- 3 Soft Grip
- 4 Dust Canister Adapter



ACCESSORIES

- 5 Dust Canister
- 6 Sanding Paper x 20 (6x60g, 8 x 80g, 6 x 120g)



ONLINE MANUAL

Scan this QR Code with your mobile device to take you to the online manual.



SETUP & PREPARATION

1. BEFORE USE

Items Supplied

Please check that the article is complete as specified in the scope of delivery. If parts are missing, please contact our service center or the sales outlet where you made your purchase at the latest within 5 working days after purchasing the product and upon presentation of a valid bill of purchase. Also, refer to the warranty table in the service information at the end of the operating instructions.

- Open the packaging and take out the equipment with care.
- Remove the packaging material and any packaging and/or transportation braces (if available).
- Check to see if all items are supplied.
- Inspect the equipment and accessories for transport damage.
- If possible, please keep the packaging until the end of the guarantee period.

Danger!

The equipment and packaging material are not toys. Do not let children play with plastic bags, foils or small parts. There is a danger of swallowing or suffocating!

Proper Use

The machine is designed for the grinding/sanding of wood, metal, plastic and similar materials using the appropriate grinding/sanding paper. The equipment is not suitable for wet grinding/ sanding.

The equipment is to be used only for its prescribed purpose. Any other use is deemed to be a case of misuse. The user / operator and not the manufacturer will be liable for any damage or injuries of any kind caused as a result of this.

Please note that our equipment has not been designed for use in commercial, trade or industrial applications. Our warranty will be voided if the machine is used in commercial, trade or industrial businesses or for equivalent purposes.

Caution!

Residual risks

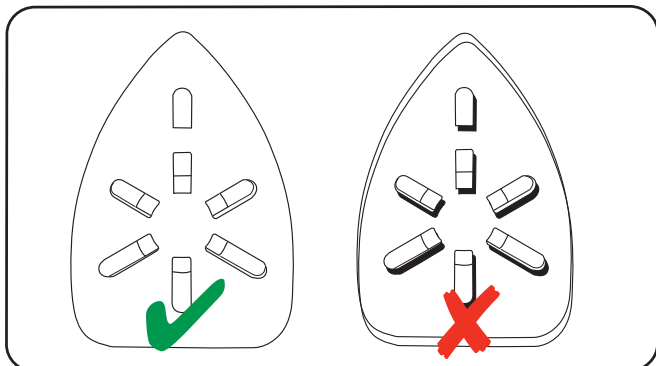
Even if you use this electric power tool in accordance with instructions, certain residual risks cannot be ruled out. The following hazards may arise in connection with the equipment's construction and layout:

1. Lung damage if no suitable protective dust mask is used.
2. Damage to hearing if no suitable ear protection is used.
3. Health damage caused by hand-arm vibrations if the equipment is used over a prolonged period or is not properly guided and maintained.

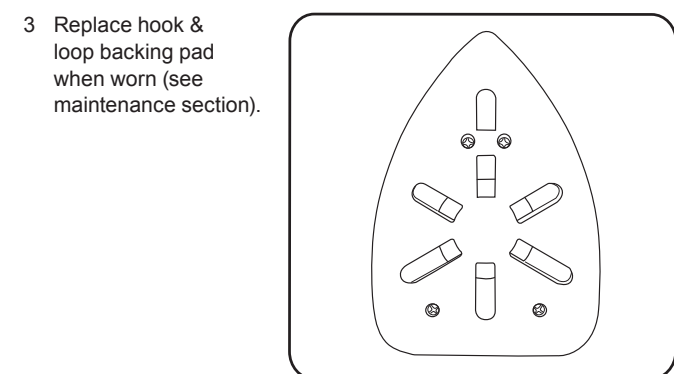
2. HOOK AND LOOP SANDING SHEET



- 1 When fitting sanding paper, align the holes on the sanding sheet with the holes on the sanding pad.



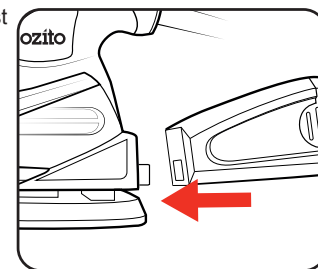
- 2 Replace the sanding sheet when it is worn.



3. DUST BAG

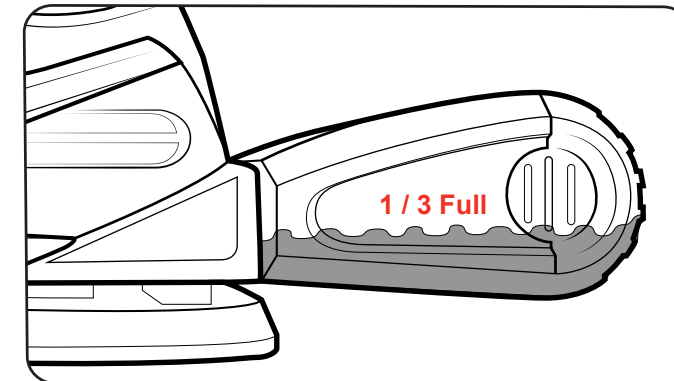
Install

Push the dust canister onto the dust extraction port.



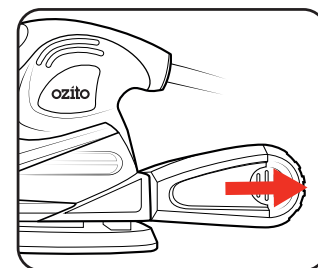
Empty

Empty dust canister when it becomes 1/3 full for optimum dust extraction.

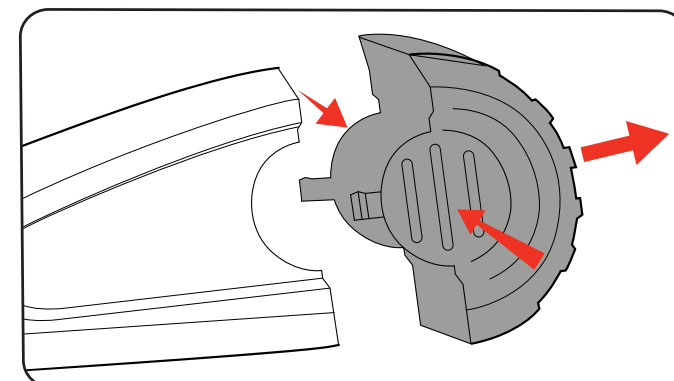


Removal

To remove, pull the dust canister away from the extraction port.

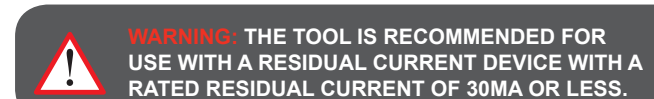


For easy emptying and cleaning of the dust canister. Remove the rear of the dust canister by pushing in the tabs at both sides and pulling the rear section out.

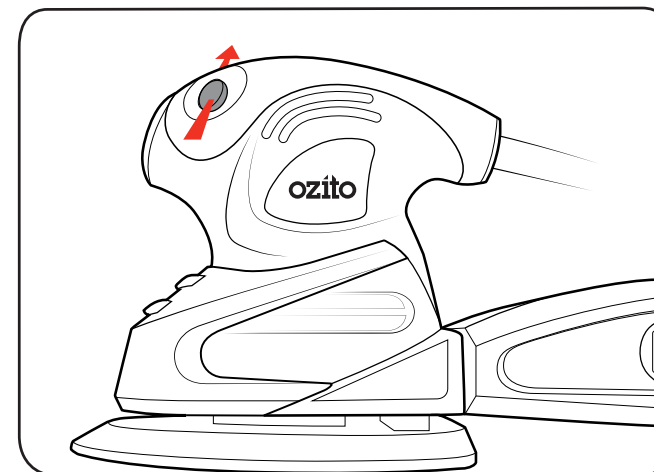


OPERATION

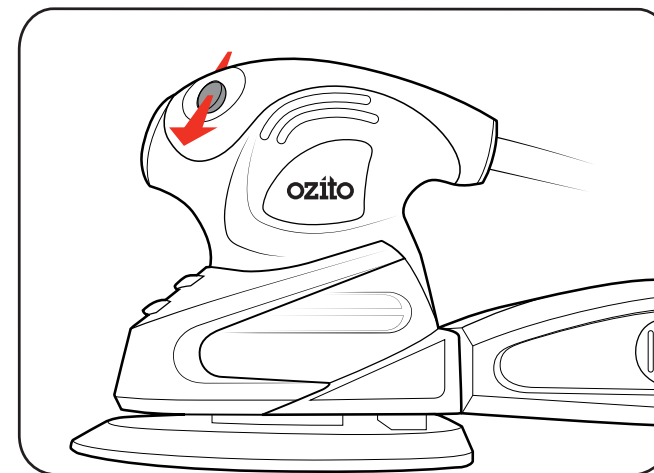
4. ON/OFF SWITCH



- 1 Connect the tool to the mains power supply.
- 2 To turn on, press the on/off switch to the on position "I".

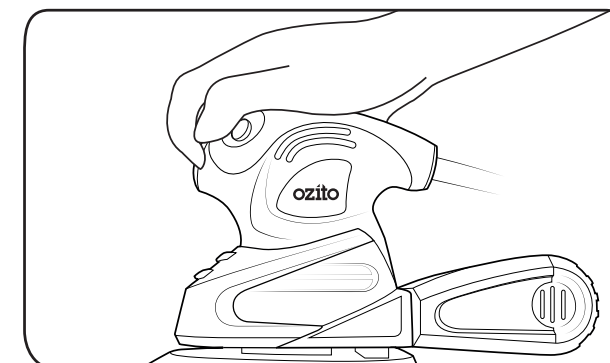


- 3 To turn off, press the on/off switch to the off position "0".

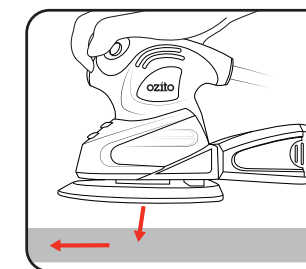


5. SANDING

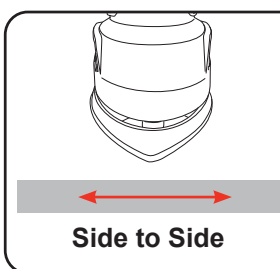
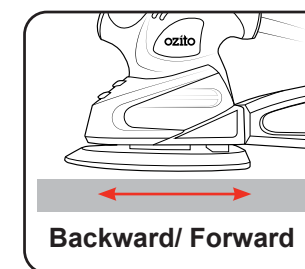
- 1 Secure the material to be sanded.
- 2 Firmly grasp the sander and turn the sander on.



- 3 Let the motor build up to maximum speed. Gradually lower it onto the workpiece with a slight forward movement.



- 4 For optimum results, use either of these strokes.



- 5 Upon completion of the sanding operation, remove the sander from the workpiece and then turn off the sander.