MINI BENCH DISC SANDER

140W Ø125MM

INSTRUCTION MANUAL

SPECIFICATIONS

Mains Voltage:	230–240V ~ 50Hz
Input Power:	140W (S2 15mins)
Max. n_0:	4,000/min
Speed Settings:	6
Disc Size:	Ø125mm
Weight:	2.4kg

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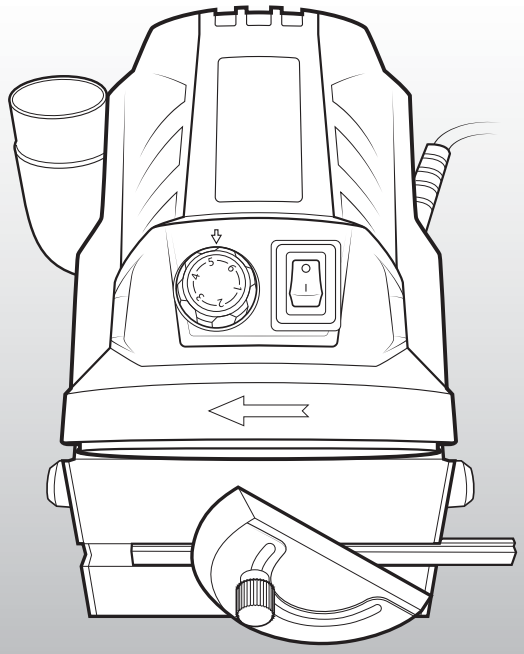
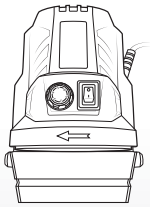
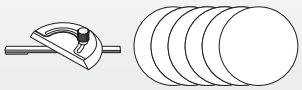


STANDARD EQUIPMENT



Mini Bench Disc Sander



Angle Guide & 6 x Sanding Sheets

C-Clamp Bracket & Dust Extraction Adaptor

3 YEAR REPLACEMENT WARRANTY

MBDS-125

WARRANTY

IN ORDER TO MAKE A CLAIM UNDER THIS WARRANTY YOU MUST RETURN THE PRODUCT TO YOUR NEAREST BUNNINGS WAREHOUSE WITH YOUR BUNNINGS REGISTER RECEIPT. PRIOR TO RETURNING YOUR PRODUCT FOR WARRANTY 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. A CUSTOMER SERVICE REPRESENTATIVE WILL TAKE YOUR CALL AND ANSWER ANY QUESTIONS YOU MAY HAVE RELATING TO THE WARRANTY POLICY OR PROCEDURE.

The benefits provided under this warranty are in addition to other rights and remedies which are available to you at law.

Our goods come with guarantees that cannot be excluded at law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Generally you will be responsible for all costs associated with a claim under this warranty, however, where you have suffered any additional direct loss as a result of a defective product you may be able to claim such expenses by contacting our customer service helpline above.

3 YEAR REPLACEMENT WARRANTY

Your product is guaranteed for a period of **36 months from the original date of purchase.** If a product is defective it will be replaced in accordance with the terms of this warranty. Warranty excludes consumable parts, for example: valve adapters and accessories.

WARNING

The following actions will result in the warranty being void.

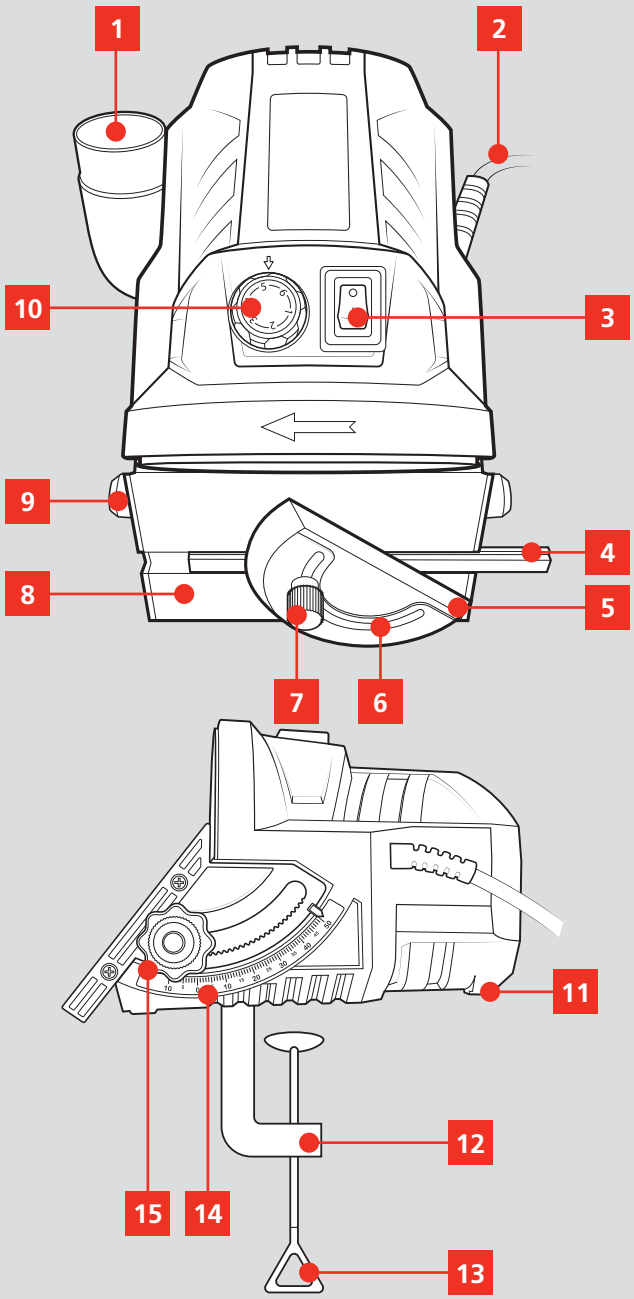
- If the tool has been operated on a supply voltage other than that specified on the tool.
- If the tool shows signs of damage or defects caused by or resulting from abuse, accidents or alterations.
- Failure to perform maintenance as set out within the instruction manual.
- If the tool is disassembled or tampered with in any way.
- Professional, industrial or high frequency use.

OZITO Australia/New Zealand (Head Office) 1-23 Letcon Drive, Bangholme, Victoria, Australia 3175.

KNOW YOUR PRODUCT

MINI BENCH DISC SANDER

1. Dust Extraction Port
2. Power Cord
3. On/Off Switch
4. Fence Rail
5. Mitre Fence
6. Mitre Angle Guide
7. Fence Adjustor Screw
8. Tilt Table
9. Table Adjustor Screw
10. Speed Control Dial
11. Vertical Mounting Slot
12. C-Clamp Bracket
13. Clamp Screw
14. Tilt Angle Guide
15. Angle Increment Dial



ONLINE MANUAL

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

SETUP & PREPARATION

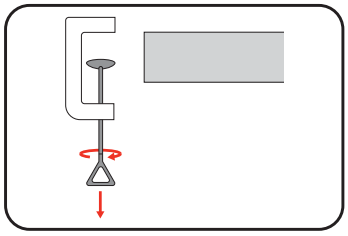
1. ASSEMBLY

WARNING! ENSURE THE TOOL IS TURNED OFF AND DISCONNECTED FROM THE POWER SUPPLY BEFORE PERFORMING ANY OF THE FOLLOWING OPERATIONS.

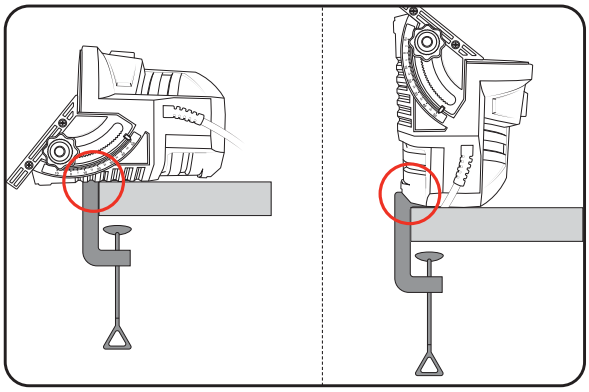
Securing The Disc Sander

This mini disc sander can be mounted vertically or horizontally onto your bench to suit the workpiece being sanded.

1. Unwind the screw on the C-clamp bracket so that it fits over your workbench.



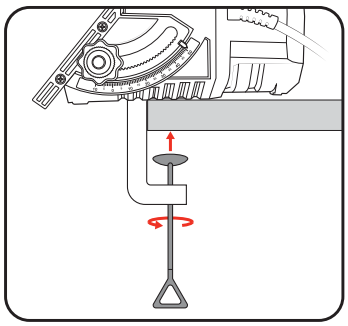
2. Position the sander vertically or horizontally on the workbench and slide the free end of the C-clamp bracket into the appropriate mounting slot on the tool.



Note: Ensure the free end of the C-clamp is fully inserted into the slot.

3. Wind up the screw on the C-clamp to lock the sander against your workbench.

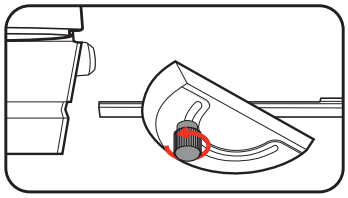
Note: Ensure the entire surface of the C-clamp screw is pushed fully against the workbench.



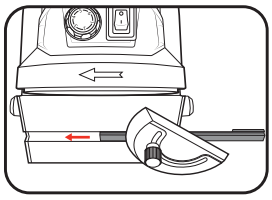
WARNING! DO NOT TURN ON THE TOOL UNTIL THE SCREW IS TIGHTENED SUFFICIENTLY SO THAT THE SANDER IS UNABLE TO MOVE AROUND.

Installing The Mitre Fence

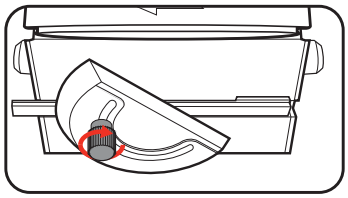
1. Loosen the fence adjustor screw.



2. Slide the fence rail into the channel on the tilt table.



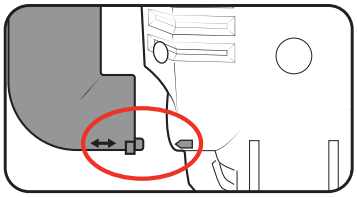
3. Tighten the adjustor screw to lock it in place.



Dust Extraction

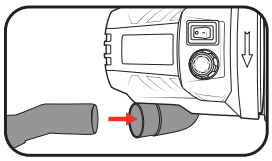
A vacuum hose or dust extractor can be fitted to the dust extraction port to help keep your work area clean while you're sanding.

1. Align the arrow on the dust extraction adaptor with the arrow marking on the sander.



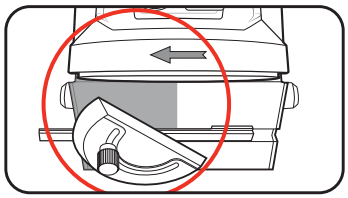
2. Insert the dust extraction adaptor and turn it clockwise to lock it in place.

3. A vacuum hose can now be fitted to the other end of the adaptor to remove sanding dust and debris as you work.



4. To remove the adaptor, rotate it in the port until the arrow markings align, then pull it out of the slot.

Note: The saw dust will travel according to the direction of the wheel rotation. For efficient dust extraction, position the workpiece on the left of the sanding disc.



WARNING! DUST EXTRACTION SHOULD NOT BE USED DURING METAL SANDING TO PREVENT HOT METAL FRAGMENTS FROM ENTERING THE VACUUM CLEANER OR DUST EXTRACTION SYSTEM.

2. FITTING SANDPAPER

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 coarser 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
Soft Timbers	60	240
Hardwoods	60	180

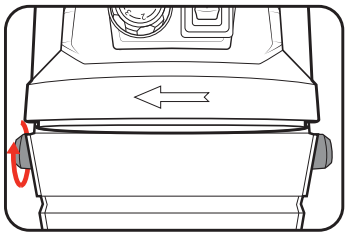
Note: If intermediate sanding is required, choose a grit rating between coarse and fine. The above table is intended as a guide only. To ensure a satisfactory result, test on a scrap piece of material to ensure the grit of sandpaper chosen is suitable for the desired finish.

Replace the sand paper when it becomes worn.

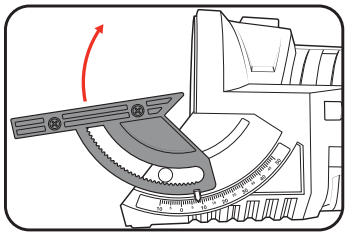
WARNING! ENSURE THE TOOL IS TURNED OFF AND DISCONNECTED FROM THE POWER SUPPLY BEFORE PERFORMING ANY OF THE FOLLOWING OPERATIONS.

Sandpaper Fitment

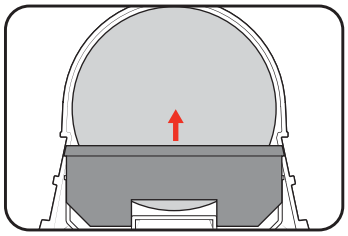
1. Unwind the left table adjustor screw completely. Remove the screw caps and washer from one end, and pull the axle out of the slot.



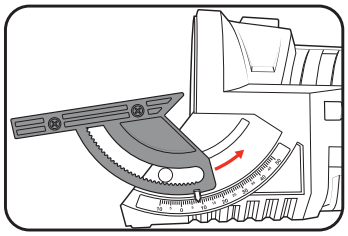
2. Slide the tilt table off the tool.



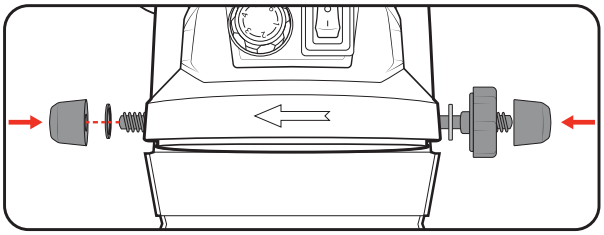
3. Slide the disc fence out and pull the used sandpaper sheet off the hook & loop backing. Replace it with a new sheet.



4. Replace the disc fence, then slide the tilt table back onto the sander, making sure to align the angle rails in the channels on each side of the tool.



5. Re-insert the table adjustor axle into the slot, ensuring there is a washer on either end of the axle, and tighten the table adjustor screws back into place.



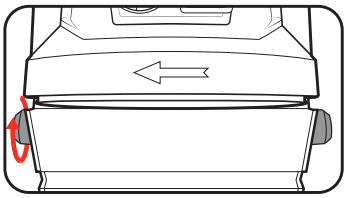
WARNING! DO NOT START THE TOOL UNTIL ALL COMPONENTS ARE COMPLETELY ASSEMBLED.

3. ADJUSTING THE SANDER

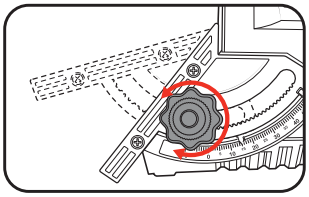
WARNING! ENSURE THE TOOL IS TURNED OFF AND DISCONNECTED FROM THE POWER SUPPLY BEFORE PERFORMING ANY OF THE FOLLOWING OPERATIONS.

Adjusting The Tilt Table

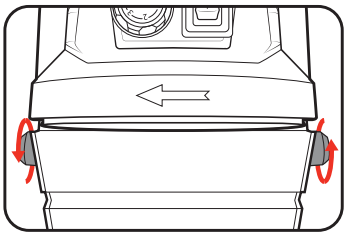
1. Loosen the table adjustor screws slightly.



2. Rotate the angle increment dial to adjust the table to the desired angle.

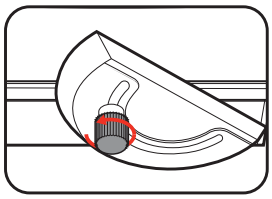


3. Tighten the table adjustor screws to lock the table in place.

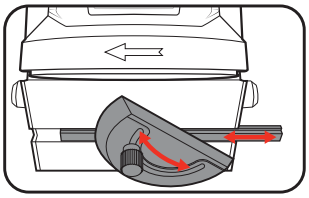


Adjusting The Mitre Guide

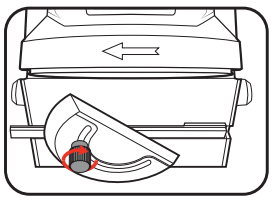
1. Loosen the fence adjustor screw.



2. Rotate and slide the mitre fence to the desired angle and position.



3. Tighten the fence adjustor screw to lock the mitre fence in place.



OPERATION

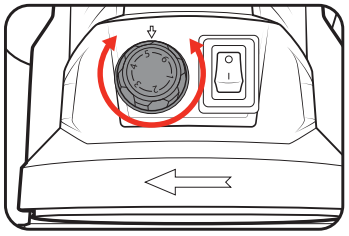
4. CONTROLS

WARNING! THE TOOL MUST BE USED WITH A RESIDUAL CURRENT DEVICE WITH A RATED RESIDUAL CURRENT OF 30mA OR LESS.

WARNING! DO NOT LEAVE THE TOOL UNATTENDED WHILE THE ON/OFF SWITCH IS IN THE ON POSITION.

Setting The Speed

Rotate the speed control dial to the desired speed setting.

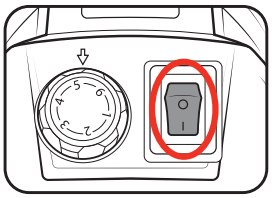


Use a high speed setting to remove material quickly or a lower setting for more control.

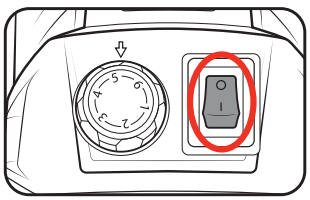
WARNING! DO NOT ADJUST THE SPEED OF THE SANDING DISC WHILE SANDING WORKPIECES IS IN PROGRESS.

Starting The Sander

1. Press the on/off switch to the 'I' position to turn the sander on.



2. Press the switch to the '0' position to turn the tool off.



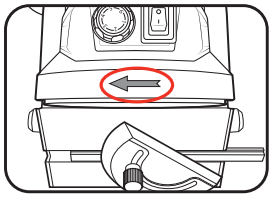
WARNING! ENSURE THAT THE BENCH DISC SANDER IS CLAMPED SECURELY BEFORE SANDING.

5. USAGE

WARNING! THIS PRODUCT IS NOT RECOMMENDED FOR SANDING DRYWALL OR PLASTER DUE TO THE ULTRA-FINE SANDING PARTICLES PRODUCED. DRYWALL SANDERS IN CONJUNCTION WITH DUST EXTRACTION ARE RECOMMENDED FOR DRYWALL AND PLASTER SANDING APPLICATIONS.

Sanding Procedure

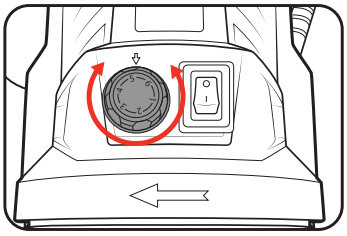
The arrow on the top of the sanding wheel indicates the direction of rotation.



WARNING! DO NOT ATTEMPT TO SAND MATERIAL ON THE RIGHT HALF OF THE SANDING DISC. THIS WILL CAUSE THE WORKPIECE TO FLY OFF THE TOOL AND POTENTIALLY CAUSE PERSONAL INJURY OR DAMAGE TO BYSTANDERS.

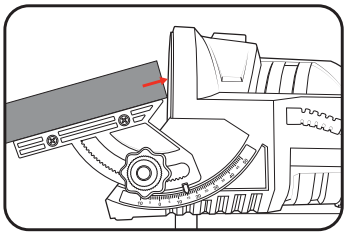
1. Fit the appropriate grit sandpaper to the sanding wheel.

2. Set the sanding speed with the control dial, plug in the power cord and switch on the sander.

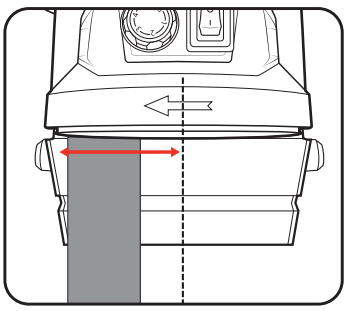


3. Allow the sander to reach full speed and run without load for a minute.

4. While maintaining a firm grip on the workpiece, hold the surface to be sanded against the sanding sheet.



Note: Move it steadily back and forth across the sanding disc to ensure even wear and to prolong the life of the sandpaper.



WARNING! NEVER USE THE BENCH SANDER WITHOUT THE TILT TABLE & DISC FENCE IN PLACE.

Sanding Tips

Never force the material into the sander; allow 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.

WARNING! EXCESSIVE PRESSURE WILL OVERLOAD THE MOTOR, CAUSING OVERHEATING AND POSSIBLE DAMAGE TO THE MOTOR AND/OR DAMAGE TO THE SURFACE.

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

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

WARNING! WHEN SANDING SOFT METALS, THE MATERIAL CAN GET HOT. SAND WITH CAUTION AND IF NECESSARY, COOL THE MATERIAL DOWN BEFORE RESUMING SANDING OPERATIONS.

WARNING! DUST EXTRACTION SHOULD NOT BE USED DURING METAL SANDING TO PREVENT HOT METAL FRAGMENTS FROM ENTERING THE VACUUM CLEANER OR DUST EXTRACTION SYSTEM.

WARNING! BEFORE COMMENCING METAL SANDING, THE SANDER AND WORK AREA MUST BE CLEANED THOROUGHLY TO REMOVE ANY WOOD DUST & RESIDUE.

MAINTENANCE

WARNING! BEFORE CLEANING OR CARRYING OUT ANY MAINTENANCE PROCEDURE, MAKE SURE THAT IT IS DISCONNECTED FROM THE POWER SUPPLY TO PREVENT ACCIDENTAL STARTING.

Cleaning

1. We recommend that you clean the tool immediately after you use it.

2. Keep the device free of dirt and dust as much as possible. Wipe the equipment with a clean cloth.

Storage

Pull the mains plug out of the socket, switch off the tool and make sure that it is secured in such a way that it cannot be started up again by any unauthorised person.

Store the tool in a dry location which is not accessible to unauthorised persons.

Supply Cords

If the supply cord of this power tool is damaged, it must be replaced by a specially prepared cord available through the service organisation.

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

V	Volts	**Hz**	Hertz
~	Alternating Current	**W**	Watts
/min	Revolutions or reciprocations per minute	n_0	No load speed
	Double insulated		Regulatory Compliance Mark (RCM)
	Wear breathing protection		Wear eye protection
	Read Instruction Manual		Warning

CARING FOR THE ENVIRONMENT

Power 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.

SPARE PARTS

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

For further information, or any parts not listed here, visit www.ozito.com.au or contact Ozito Customer Service:

Australia 1800 069 486

New Zealand 0508 069 486

E-mail: enquiries@ozito.com.au

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.

The charger 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 tools charger is double insulated; therefore no earth wire is required.

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.

If the supply cord of this power tool is damaged, it must be replaced by a specially prepared cord available through the service organisation.

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.

The power supply for this products charger should be protected by a residual current device (rated at 30mA or less). A residual current device reduces the risk of electric shock.

GENERAL POWER TOOL SAFETY WARNINGS

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.

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.

h. Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles. A careless action can cause severe injury within a fraction of a second.

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. Keep handles and grasping surfaces dry, clean and free from oil and grease. Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.

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.

DISC SANDER SAFETY WARNINGS

WARNING! The appliance is not to be used 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.

Young children should be supervised to ensure that they do not play with the appliance.

- The tool should always be used with a residual current device with a rated residual current of 30mA or less.
- 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.
- 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 area 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. Extra paper extending beyond the sanding pad can also cause serious lacerations.
- Some dust created by power sanding, sawing, grinding, drilling and other construction activities contain 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, cement and other masonry products, and;
  - 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.
- Always hold material firmly against the tilt table.
- Never use the bench sander without the tilt table in place.
- Do not operate the tool until it is completely assembled and installed according to the instructions.
- Always work with adequate lighting.
- Before work, check that the machine is placed on an even surface with sufficient stability. For your own safety, always mount the machine to a work bench with the provided C-clamp.
- Keep the surrounding area of the machine well maintained and free of loose materials, such as chips and cut-offs.
- Always hold the workpiece firmly when sanding.
- Never sand more than one workpiece at a time. Do not stack more than one workpiece on the machine base at a time.
- Do not sand with the workpiece unsupported. Do not sand pieces of material that are too small to be safely supported.
- Avoid awkward operations and hand positions where a sudden slip could cause your hand to move into the sanding belt or disc.
- Avoid kickback by sanding in accordance with directional arrows.
- Always maintain a clearance of 16mm between the worktable and the machine.
- Never stand or have any part of your body in line with the path of the workpiece.
- Machine should never be connected to power supply when you are assembling parts, adjusting, or when not in use.
- Never leave tool running unattended. Do not leave tool until it comes to a complete stop.
- Never use this belt/disc sander for cut-off operations.
- When sanding soft metals, the material can get hot. Sand with caution and if necessary, cool the material down before resuming sanding operations.