



FULL BOAR

FLOOR MOUNTED PEDESTAL DRILL

- **750W (1HP) INDUCTION MOTOR**
- **16 SPEED SETTINGS**
- **3-16MM KEYED CHUCK**
- **CAST IRON CONSTRUCTION**



INSTRUCTION MANUAL

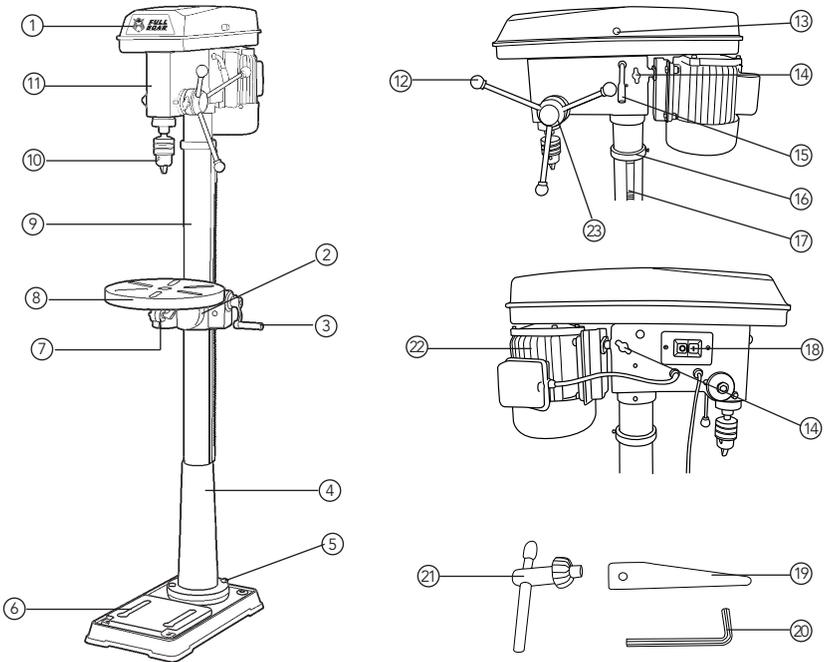


WARNING: Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury. Save all warnings and instructions for future reference.

SPECIFICATIONS - MODEL NO. FBT-8500

Power:	750W (1HP)
Input:	230-240V ~ 50Hz
No Load Speed:	180-2770/min-1
Chuck:	3-16mm Keyed
Arbor:	B16-2MT
Spindle Speeds:	16
Spindle Travel:	80mm
Table Tilt:	0-45°L&R
Weight (tool only):	55kgs

KNOW YOUR PRODUCT



- | | | |
|----------------------------|----------------------------|--------------------------|
| 1. Pulley Cover | 9. Column | 17. Rack |
| 2. Table Support | 10. 16mm Keyed Chuck | 18. Switch |
| 3. Table Adjustment Handle | 11. Main Housing | 19. Drift Key |
| 4. Column Support | 12. Feed Handle | 20. 4mm Hex Key |
| 5. Bolts x 4 | 13. Pulley Cover Screw | 21. Chuck Key |
| 6. Base | 14. Belt Tension Lock Knob | 22. Motor |
| 7. Table Lock | 15. Belt Tension Handle | 23. Depth Stop Lock Knob |
| 8. Table | 16. Rack Collar x 2 | |

TABLE OF CONTENTS

SPECIFICATIONS.....	Page 2
KNOW YOUR PRODUCT.....	Page 2
INTRODUCTION.....	Page 4
SAFETY INSTRUCTIONS.....	Page 4
ASSEMBLY.....	Page 9
AJUSTMENTS.....	Page 12
OPERATION	Page 15
MAINTENANCE	Page 16
TROUBLE SHOOTING.....	Page 17
CONTENTS	Page 19
WARRANTY.....	Page 20

INTRODUCTION

Congratulations on purchasing a Full Boar Floor Mounted Pedestal Drill.

Your Full Boar Pedestal Drill FBT-8500 has been designed for drilling large or small holes in wood, metal, plastic etc. Heavy duty cast iron base and table provide solid and stable work surface.

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 Full Boar tools are interchangeable for Australia and New Zealand.

The supply cord assessed as type Y attached by using AS/NZS 60335.1. For appliances with type Y attachment, the instructions shall contain the substance of the following

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

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 SAFETY INSTRUCTIONS



WARNING! Read all instructions. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury. The term "Power Tool" in all of the warnings listed below refers to your mains operated (corded) power tool or battery operated (cordless) power tool.

SAVE THESE INSTRUCTIONS

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. **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.

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.

GENERAL SAFETY INSTRUCTIONS (cont.)

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.

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. If the supply cord of this power tool is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

ADDITIONAL SAFETY RULES FOR DRILL PRESS

1. Your drill press must be bolted securely to a workbench. In addition, if there is any tendency for your drill press to move during certain operations, bolt the workbench to the floor.
2. This drill press is intended for use in dry conditions and indoor use only.
3. Always wear safety goggles which comply to a recognised standard. Use a face or dust mask along with safety goggles if the drilling operation is dusty. Use ear protectors, especially during extended periods of operation.
4. Do not try to drill material too small to be securely held. Do not drill material that does not have a flat surface unless it is clamped securely.
5. Always keep hands out of the path of the drill bit. Avoid awkward hand positions where a sudden slip could cause your hand to move into the drill bit.
6. Do not install or use any drill bit that exceeds 175mm (7 inches) in length or extends more than 150mm (6 inches) below the chuck jaws. They can suddenly bend outwards or break.
7. Do not use wire wheels, router bits, shaper cutters, circle (fly) cutters or rotary planers on this drill press.
8. When cutting a large piece of material make sure it is fully supported at the table height.
9. Do not perform any operation freehand. Always hold the workpiece firmly against the table so it will not rock or twist. Use clamps or a vice for unstable workpieces.
10. Make sure there are no nails or foreign objects in the part of the workpiece to be drilled.
11. Whenever possible, position the workpiece to contact the left side of the column; if it is too short or the table is tilted, clamp solidly to the table.
12. If the workpiece overhangs the table such that it will fall or tip if not held, clamp it to the table or provide auxiliary support.
13. Set the drill press to a speed appropriate to the job.
14. Do not start the drill press while the drill bit is touching the workpiece.
15. When using a drill press vice, always fasten it to the table.
16. Make sure all clamps and locks are firmly tightened before drilling.
17. Securely lock the head and table support to the column, and the table to the table support before operating your drill press.
18. Never turn your drill press on before clearing the table of all objects (tools, scraps of wood etc.)
19. Before starting the operation, jog the motor switch to make sure the drill bit does not wobble or vibrate.

ADDITIONAL SAFETY RULES FOR DRILL PRESS (cont.)

20. Let the spindle reach full speed before starting to drill. If your drill press makes an unfamiliar noise or if it vibrated excessively, stop immediately, turn the drill press off and unplug it. Do not restart until the problem is corrected.
 21. Do not perform layout assembly or setup work on the table while the drill press is in operation.
 22. Do not exceed the rpm stated on the bit or accessory. See the instructions that come with the accessory.
 23. When drilling large diameter holes, clamp the workpiece firmly to the table. Otherwise, the bit may grab and spin the workpiece at high speed. Do not use fly cutters or multiple-part cutters, as they can come apart or become unbalanced in use.
 24. Make sure the spindle has come to a complete stop before touching the workpiece.
 25. To avoid injury from accidental starting, always turn the switch off and unplug the drill press before installing or removing any accessory attachment or making any adjustment.
 26. 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.
 27. Children should be supervised to ensure that they do not play with the appliance.
 28. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid
- CAUTION:** Do not expose to rain or use in damp locations.



WARNING! For your own safety read instruction manual before operating drill press. Wear eye protection, do not wear gloves, necktie or loose clothing, clamp workpiece or brace against column to prevent rotation, use recommended speed for drill accessory and workpiece material.:

ASSEMBLY



WARNING! During assembly ensure the pedestal drill is disconnected from the power supply.

1. Carefully remove contents from the packaging.
2. Select a firm, level surface on which to assemble the pedestal drill.

Base & Column

1. Select the base (6) (Fig. 1) and align the column support (4) over the large hole (Fig. 2).
2. Align the holes in the column support (4) with those in the base (6) and secure in place using the 4 bolts (5) and flat washers (supplied). Using a 12mm spanner securely tighten all 4 bolts (5) (Fig. 3).
3. We recommend mounting the base (6) to a stable surface for proper support.



Fig.1



Fig.2



Fig.3

4. Slide the column (9) into the column support (4) (Fig. 4).



Fig.4

5. Secure in place with 2 grub screws (supplied) using the 4mm hex key (20) (supplied) (Fig. 5).



Fig.5

Rack & Table

1. Slide one of the rack collars (16), tapered side facing up, over the column (9) until it reaches the column support (4) (Fig. 6).



Fig.6

ASSEMBLY (cont.)

2. Install the rack (17) into the table support (2) as shown (Fig. 7).



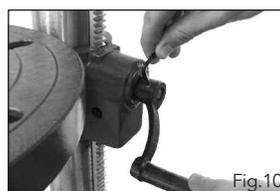
3. Assemble the support (2) and rack (17) onto the column (9), ensuring the rack is positioned on the right side of the column (when viewing the product from the front) (Fig. 8).



4. Slide the rack all the way down until it locates into the lower collar (Fig. 9). Slide the upper collar, tapered side facing down, over the column until it locates the rack. Tighten the grub screws on both the upper and lower collars.



5. Fix table adjustment handle (3) on table support (2) (Fig. 10).



6. Assemble table (8) onto table support (2), tighten in place with table lock (7) (Fig. 11).



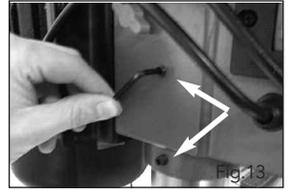
Main Housing

1. Lift the main housing (11) and slide it down onto the column (9) as far as it will go (Fig. 12). Before securing the housing, ensure the spindle aligns with the table and base.



ASSEMBLY (cont.)

2. To secure in position tighten the two grub screws on the left hand side of the housing (Fig. 13).
3. To fit the feed wheel handles, screw them into the feed wheel hub (Fig. 14).



Chuck & Arbor

1. Before any assembly, ensure the chuck jaws are wound all the way up (inside the chuck) to prevent them from damage. (Fig. 15)
2. Fit the tapered arbor end into the chuck by hand, using reasonable force (Fig. 16).
3. The arbor can then be inserted into the quill, twisting the arbor as you insert, aligning the tang into the slot. It should fit in with little resistance (Fig. 17).



4. Once it is located a firm tap on the underside of the chuck with a soft hammer is required to secure it. The chuck & arbor are installed correctly if they cannot be pulled out with hand force.



AJUSTMENTS

Table Height Adjustment

1. Loosen the table support lock (7) (Fig. 19).



2. Rotate the table adjustment handle (3) to set the desired table height and tighten the table lock (7) to secure the table (8) in position (Fig. 20).

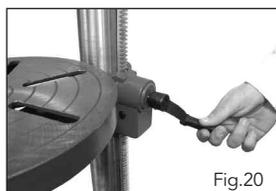
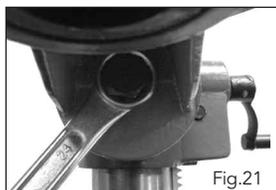
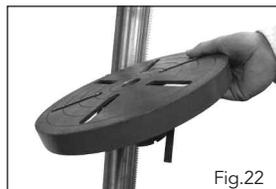


Table Bevel Adjustment

1. The bevel angle is adjusted by loosening the bolt that is located underneath the table support (2) with a 24mm spanner (not supplied) (Fig. 21).



2. After tilting the working table (8) (Fig. 22) to the appropriate position, re-tighten the bolt to secure its position.



CAUTION: When the table is angled/tilted, ensure the workpiece is clamped to the table (8).

Installing Straight Shank Drill Bits



1. Using the chuck key (21), loosen the jaws of the chuck (10) by rotating in an anti-clockwise direction (Fig. 23).



2. Insert the drill bit into the 16mm keyed chuck (10) (Fig. 24).



AJUSTMENTS (cont.)

3. Whilst holding the drill bit in one hand rotate the top collar of the 16mm keyed chuck (10) in a clockwise direction. Insert the chuck key (21) into 1 of the 3 locating holes and tighten until drill bit is secure (Fig. 25).



Pre-setting the Drilling Depth

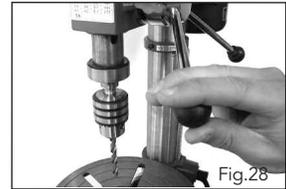
To stop spindle (and bit) at a desired depth:-

1. Loosen depth stop lock knob (23) by turning in an anti-clockwise direction (Fig. 26)
2. Rotate depth scale to the desired depth, then tighten half wing bolt (23) (Fig. 27).



To hold the spindle (and bit) at a desired depth:-

1. Loosen depth stop lock knob (23), Turn feed wheel handle (12) to lowest point (Fig. 28)
2. Rotate depth scale to desired depth and re-tighten depth stop lock knob (23). This will hold assembly stationery at desired depth.



Morse Taper Drill Bits - 2MT



To use morse taper bits, remove chuck and arbor.

1. Turn arbor until the tang aligns with the slot in the quill (Fig. 29).
2. Insert the drift key (19) into the slot and tap firmly with a metal hammer until it releases. (ensure the chuck jaws are wound all the way up to prevent damage) (Fig. 30).
3. Place tapered bit into the spindle hole, twisting and pushing upward until bit is snug (Fig. 31).
4. Place block of wood on the table (8) and raise up table until the tapered bit is firmly into the spindle.



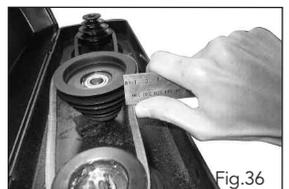
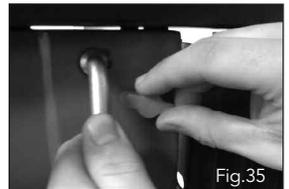
AJUSTMENTS (cont.)

Note: Ensure the tool is switched off before attempting to adjust belts/pulleys.

Changing the Speed

The speed of the drill press can be changed by adjusting the belt on the pulley system. See chart inside pulley cover (1) for speed configurations.

1. Release the belt tensioner locking knobs (14) located on either side of the main housing (Fig.32).
2. Once the tension is released, the belt tensioner handle (15) can be used to move the motor pulley closer to the idler pulley (Fig.33).
3. The belt is removed by lifting it over the lip of the pulley while rotating the pulley simultaneously (Fig.34).
4. After re-adjusting the belts, use the belt tensioner handle (15) to move the motor pulley further away from the idler pulley. When the desired position is achieved use the locking knobs (14) to secure the pulleys in place (Fig.35)
5. Proper belt tension is achieved when the measured deflection (by pushing in the centre of the belt) is approx. 5mm (Fig. 36).

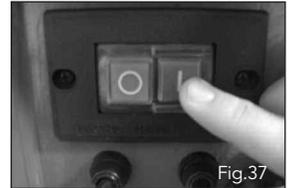


OPERATION

Turning On and Off

Note: The pulley cover (1) is fitted with a safety switch and must be closed to operate the pedestal drill.

1. Switch the pedestal drill On by pressing the green (I) button on the switch (18) (Fig. 37).
2. Switch the drill press Off by pressing the red (O) button on the switch (18).
3. Secure your workpiece to the table (11) if possible, use a vice or clamps (not supplied).



Drilling

1. Ensure the pedestal drill is switched off and disconnected from the power supply.
2. Loosen the jaws of the 16mm keyed chuck (10) with the chuck key (21) by turning in an anti-clockwise direction and insert the selected drill bit into the 16mm keyed chuck (10) as far as it will go.
3. Insert the chuck key (21) into 1 of the 3 locating holes and tighten until drill bit is secure.
4. Select your drilling depth and secure the depth stop lock knob (23) in position.
5. Adjust the table (8) to your desired position.
6. Slowly rotate the feed wheel handles (12) to bring the drill bit down towards the table (8) and into your workpiece. After drilling a hole, release the feed wheel handles (12) slowly to return the 16mm keyed chuck (10) to its original position.
7. Continue the operation until the task is completed. When completed, switch the pedestal drill Off by pressing the red (O) button on the switch (18).

MAINTENANCE



WARNING! Ensure the pedestal drill is disconnected from the power supply before performing any maintenance.

- Ball bearings are packed with grease at the factory. No further lubrication of bearings is required.
- Lubricate all moving parts periodically. Wipe the column, table and base with an oily cloth to minimise corrosion.
- Keep air vents clean of dust and dirt.
- Remove dust and dirt from the drill press regularly with a soft cloth, brush or compressed air.
- If the power cord is damaged, have it replaced by an electrician or a power tool repairer.
- Regularly check that all bolts, screws and nuts are securely fixed as these could work loose during normal operation.

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

TROUBLE SHOOTING

Problem	Cause	Solution
Drill press will not start	Power cord not connected to the mains power supply	Ensure that the power cord is connected to the mains power
	Power fault	Check the mains power supply
	Power cord damage	Use an electrician or a power tool repairer to repair or replace
	Faulty switch or motor	Use an electrician or a power tool repairer to repair or replace
	Pulley cover not secured	Check the pulley cover is closed and lowered correctly in position
Noisy operation	Incorrect belt tension	Adjust tension as required
Drill bit burns	Incorrect speed	Adjust speed as described in the "changing the speed" section
Excessive drill bit wobble	Bent or damaged drill bit	Use a new drill bit
	Drill bit is not securely placed in the 16mm keyed chuck	Remove the drill bit and re-insert correctly, ensure the chuck jaws are fully tightened
	The 16mm keyed chuck is not installed correctly	Ensure you install the 16mm keyed chuck correctly
Drill bit binds in workpiece	Belt tension is set incorrectly	Re-adjust the belt tension

DESCRIPTION OF SYMBOLS

V	Volts	Hz	Hertz
~	Alternating current	W	Watts
/min	Revolutions or reciprocation per minute	no	No load speed
Hp	Horse power		Regulator compliance mark
	Use eye protection		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.

CONTENTS

- 1 x Pedestal Drill
- 1 x Chuck Key
- 1 x 4mm Hex Key
- 1 x Drift Key
- 4 x Bolts & Washers
- 1 x Instruction Manual

Distributed by:
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AUSTRALIA (Head Office)

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WARRANTY

YOUR WARRANTY FORM SHOULD BE RETAINED BY YOU AT ALL TIMES. IN ORDER TO MAKE A CLAIM UNDER THIS WARRANTY YOU MUST RETURN THE PRODUCT TO YOUR NEAREST BUNNINGS WAREHOUSE (see www.bunnings.com.au or www.bunnings.co.nz for store locations) 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.

1 YEAR REPLACEMENT WARRANTY

Your product is guaranteed for a period of **12 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: wheels, bearings.

The benefits provided under this warranty are in addition to other rights and remedies which are available to you under law. The warranty covers manufacturer defects in materials, workmanship and finish under normal use.

Our goods come with guarantees that cannot be excluded under Australian Consumer law & Consumer Guarantees Act 1993 (NZ). You are entitled to a replacement or refund for a major failure and to compensation for other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired and replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

WARRANTY EXCLUSIONS

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.
- The warranty excludes damage resulting from product misuse or product neglect.

This warranty is given by Ozito Industries Pty Ltd.

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