



FULL BOAR

ELECTRIC HOIST

- **500KG
MAX. LIFT**
- **1000W MOTOR**
- **GUIDE ROLLER
WITH LOAD HOOK**
- **EMERGENCY
STOP BUTTON**
- **AUTOMATIC CUT
OUT FOR LIFTING**



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-7500

Payload:	250 kg single fall 500 kg double fall
Lifting height:	11.5 m single fall 5.7 m double fall
Voltage:	230 – 240V ~ 50Hz
Motor rating:	1000 W S3, 10%: 10 min
Steel cable:	Ø4.00 mm
Rope speed:	single fall: 8 m/min double fall: 4 m/min
Rated current:	4.4 amp
Protection class:	IP 54
Tensile strength of the steel cable:	1870 N/mm ²
Weight:	16.5 kg

KNOW YOUR PRODUCT

1. Fastening brackets
2. Fastening hole for hook
3. Drum
4. Lever for maximum cable length
5. Automatic stop mechanism lever
6. Steel cable
7. Cut-out weight
8. Hook
9. Emergency Stop switch
10. Up/down toggle switch
11. Remote control
12. Power cable
13. Control cable
14. Motor
15. Return roller
16. Additional hook
17. Screws and washers for fastening brackets

KNOW YOUR PRODUCT (cont.)

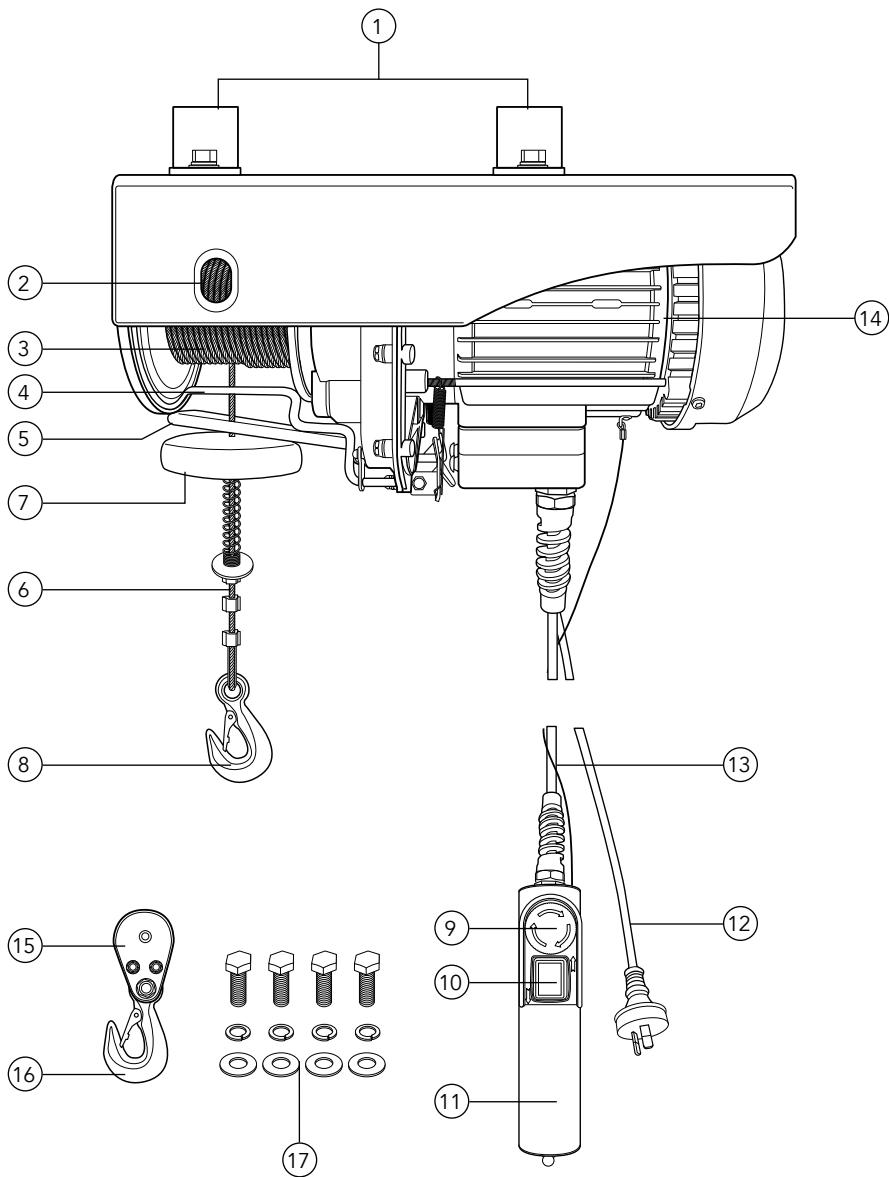


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INTRODUCTION

Congratulations on purchasing a Full Boar Electric Hoist. The Electric Hoist is designed for lifting and lowering loads in enclosed areas commensurate with the machine's capacity.

Read and understand the Owner's Manual before operating the Electric Hoist. Failure to do so could result in personal injury or equipment damage.

SAFETY INSTRUCTIONS



WARNING! When using this 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.

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.

ADDITIONAL SAFETY RULES FOR ELECTRIC HOISTS

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

CAUTION! Read all safety regulations and instructions.



Any errors made in following the safety regulations and instructions may result in an electric shock, fire and/or serious injury.

Keep all safety regulations and instructions in a safe place for future use.

1. Always check that the mains voltage is identical to the voltage quoted on the rating plate. In the event that the mains voltage is not suitable, it may cause the machine to work abnormally and thus result in personal injury.
2. The power supply must be earthed and be secured by a residual current device (RCD).
3. Do not attempt to lift loads that exceed the rated load.
4. Use the machine only for the purpose for which it is designed. Never lift personnel using the cable hoist.
5. Do not pull the power cable in order to pull out the plug. Protect the power cable from heat, oil and sharp edges.
6. Never attempt to raise fixed or jammed loads.
7. Pull out the plug when the cable hoist is not in use.
8. Keep children and other unauthorized persons away from the machine.
9. Do not pull loads sideways or from one side. Do not allow the load to swing.
10. Ensure that the hook moves in the same direction as shown on the control switch.
11. Ensure the payload is evenly balanced before attempting to lift it.
12. Have repair and servicing work carried out only by authorized workshops by a trained electrician. Repair work must only be carried out by a trained electrician, otherwise the machine may cause accidents.
13. Do not switch the machine on and off quickly (inching mode).
14. Always concentrate fully when operating the cable hoist.
15. Do not stand or work under the raised load.

PRE-OPERATION CHECK

Before starting the equipment

- Before you connect the equipment to the mains supply make sure that the data on the rating plate are identical to the mains data.
- Always pull out the power plug before making adjustments to the equipment.
- The cable hoist is not suitable for transporting hot and/or molten masses and in addition it is not suitable for use at low temperatures or in aggressive atmospheres.
- Ensure that the appropriate safety clothing and equipment is always worn.
- The service life of the cable hoist is approximately 8000 cycles (excluding wearing parts). When the hoist has completed 8000 cycles, all its mechanical parts must be checked and overhauled.
- Read and absorb the operating instructions before you use the cable hoist.
- Ensure that the operator knows how the machine works and how it should be operated.
- The user should always operate as set out in the operating instructions.
- The cable hoist is not designed for continuous operation. Its mode of operation is: Intermittent mode without influencing the starting process.
- The rated capacity of the machine does not vary due to the position of the load.

ASSEMBLY



WARNING! Failure to follow the assembly instructions may result in serious injury.

Fitting the fastening bars

1. The cable hoist can be fitted with two fastening brackets (1) (supplied) with which it has to be fastened to a rectangular steel bar (Fig. 1). The dimensions of the bar must conform with the size of the fastening brackets (40 x 40mm steel) and must be capable of supporting twice the rated load.
2. All screws must be tightened correctly (screws, washers and spring washers supplied) (Fig. 2). A qualified professional should check the anchoring of the bar before the machine is started.

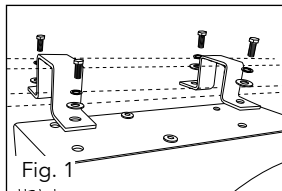


Fig. 1

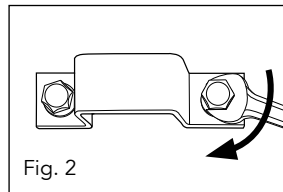


Fig. 2

Double fall configuration

1. The cable hoist is supplied with a return roller (15) and an additional hook (16). If these parts are used correctly, the cable hoist can lift twice its rated load (Fig. 3).

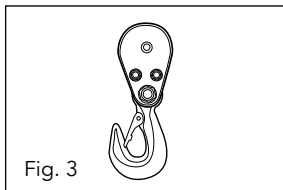


Fig. 3

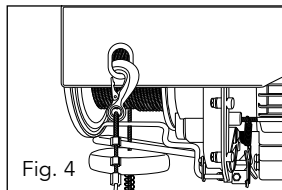


Fig. 4

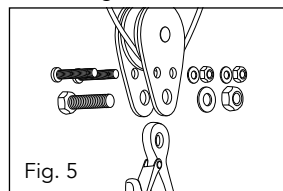


Fig. 5

2. The permanent hook (8) must be attached to the fastening hole (2) (Fig. 4).
3. Using the supplied screws, nuts and washers, assemble the return roller (15) and additional hook (16) over the loop in the cable (16), as shown in Fig. 5.
4. Tighten the nuts in a clockwise direction while applying counter pressure to the screw heads (Fig. 6).

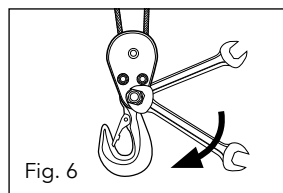


Fig. 6

5. The load is now raised by two steel cables, which means that the cable hoist can lift twice its rated load (Fig. 7).

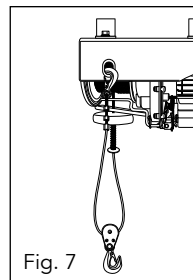


Fig. 7

OPERATION



WARNING! Dynamic load, a load which swings, slips from centre, or lowers quickly, can exert a force much greater than the physical mass (weight) of the item resulting in failure of the load wire and/or loss of the load leading to property damage, serious injury or death.



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

Information for operation

1. Remove the adhesive tape from the drum (3) before using the hoist for the first time.
2. The value of the A-rated noise emissions at the operator's position is less than 70 dB.
3. The cable hoist must be operated in ambient temperatures of between 0°C and 40°C with a relative humidity of less than 85%. Height above sea level: max. 1,000 m.
4. The temperature for transport and storage may be between -25°C and 55°C. The maximum temperature must not exceed 70°C.
5. The user should lift the load off the ground at the slowest possible speed. The cable should be taut when the load is raised.
6. The motor (14) for the cable hoist is fitted with a thermostat switch. Whilst the cable hoist is operating, the motor (14) may therefore stop. It will restart automatically when it has cooled down.
7. The electric cable hoist is not fitted with a rated power limiter. You should therefore not repeat attempts to lift a load if the overload trip is limiting the hoist's operation. In this case the load exceeds the rated capacity of the cable hoist.
8. Do not leave any suspended loads unsupervised without first taking the appropriate safety precautions.
9. Do not use the lever (4/5) (Fig. 8) as a routine stopping device. It should only be used to stop the machine in an emergency.
10. Before you start, ensure that the steel cable (6) is correctly wound around the drum (3) and that the spacing between the windings is smaller than the steel cable (Fig. 9)
11. Ensure that the load is correctly secured to the hook (8) or, if you are using the double fall configuration, the additional hook (16) and always maintain a safe distance from the load and the steel cable (6) (Fig. 10).

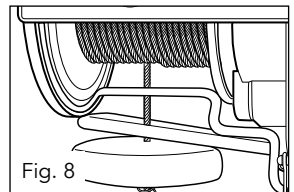


Fig. 8

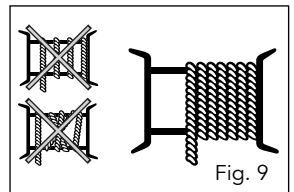


Fig. 9

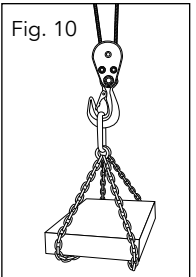


Fig. 10

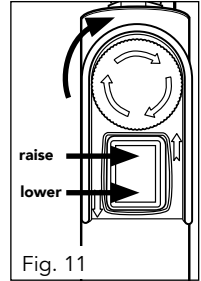


WARNING! Do Not walk under a suspended load. Do Not perform any work on a suspended load that requires a worker to be positioned under the suspended load. Do Not lift loads over people. Do Not leave a suspended load unattended.

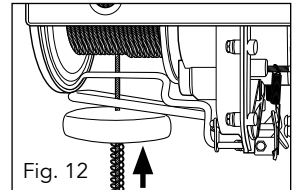
OPERATION (cont.)

Operation

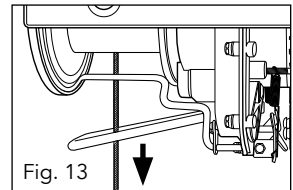
1. Check whether the Emergency Stop switch (9) is pressed. Turn the red stop switch clockwise to release it (Fig. 11).
2. Press the pushbutton ▲ (10) to raise the load (Fig. 11).
3. Press the pushbutton ▼ (10) to lower the load (Fig. 11).



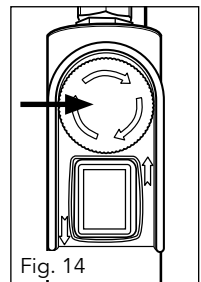
4. **Automatic stop mechanism lever:** When the maximum lifting height has been reached, the cut-out weight (7) presses the lever (5) upwards. This trips a limit switch after which the load cannot be raised any further (Fig. 12).



5. **Lever for maximum cable length:** When the load has reached its lowest possible position, a limit switch is tripped which makes it impossible to lower the load any further (Fig. 13). This limit switch also prevents the cable hoist operating in the wrong direction (hook moving in the opposite direction to the arrow shown on the control switch).



6. The cable hoist will stop if the Emergency Stop switch (9) is pressed.
7. In an emergency, immediately press the Emergency Stop switch (9) to stop the cable hoist (Fig. 14). The cable hoist cannot be operated if the Emergency Stop switch has been pressed.



MAINTENANCE



CAUTION! Always pull out the mains power plug before starting any cleaning work.

Cleaning

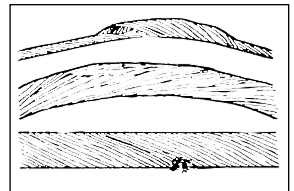
- Keep all safety devices, air vents and the motor housing free of dirt and dust as far as possible.
- Wipe the equipment with a clean cloth or blow it with compressed air at low pressure.
- We recommend that you clean the device immediately each time you have finished using it.
- Clean the equipment regularly with a moist cloth and some soft soap. Do not use cleaning agents or solvents; these could attack the plastic parts of the equipment. Ensure that no water can seep into the device.

Servicing



IMPORTANT! Always ensure that the machine is not connected to the mains supply before you start any servicing work.

- In the following: One cycle means one raising and lowering movement of a load. Periodic inspection means an inspection after 100 cycles.
- Test periodically that the limit switches on the cable hoist are in correct working order. Conduct this test as follows: When the cable has reached the maximum height, the lever on the automatic stopping mechanism (5) will be actuated. The motor (14) must then stop. (Test without a load). When the steel cable (6) has been unwound as far as possible, the lever for the maximum cable length (4) will be actuated. The motor (14) must then stop.
- Inspect the mains cable (12) and the control cable (13) periodically.
- The steel cable (6) and return roller (15) must be greased every 200 cycles.
- A check must be made every 30 cycles, as shown in Fig. 15, to find whether the entire steel cable (6) is in good condition. If it is damaged, contact customer service.
- Check every 1000 cycles whether the screws for the fastening bars (1) and return roller (15) are properly tightened.
- Check every 1000 cycles whether the hooks (8/16) and return roller (15) are in good condition.
- Check before using the cable hoist whether the Emergency Stop switch (9) and push buttons (10) are in perfect working order.
- Check the braking system every 1000 cycles. If the motor (14) makes any unusual noises or cannot raise the rated load, it is possible that the braking system requires an overhaul:
 - Replace damaged or worn parts and keep the service documentation relating to this in a safe place.
 - Please contact customer service for service/maintenance information.




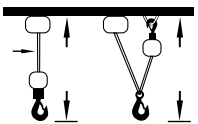


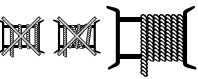


MAINTENANCE (cont.)

Storage

Store the equipment and accessories out of children's reach in a dark and dry place at above freezing temperature. The ideal storage temperature is between 5 and 30 °C. Store the electric tool in its original packaging.

DESCRIPTION OF SYMBOLS

V	Volts	Hz	Hertz
~	Alternating current	W	Watts
/min	Revolutions or reciprocation per minute	No	No load speed
IP54	Protection Class		Wear safety gloves
	Wear safety boots	 5124	Regulator compliance mark
∅	Diameter		Fall configurations
	Warning		
	Read instruction manual		Cable wrapping instruction

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

Electric hoist

Additional hook

Fastening brackets x 2

Screws, washers and spring washers for fastening brackets x 4

Note. The manufacturer's liability shall be deemed void if the machine is modified in any way and the manufacturer shall therefore accept no liability for any damages arising as a result of modifications.

Distributed by:

Ozito Industries Pty Ltd

AUSTRALIA (Head Office)

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

Telephone: 1800 069 486

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 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 repaired 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.

ABN: 17 050 731 756

Ph.1800 069 486

Australia/New Zealand (Head Office)

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