



2X18V DELIVERS 36V OF POWER

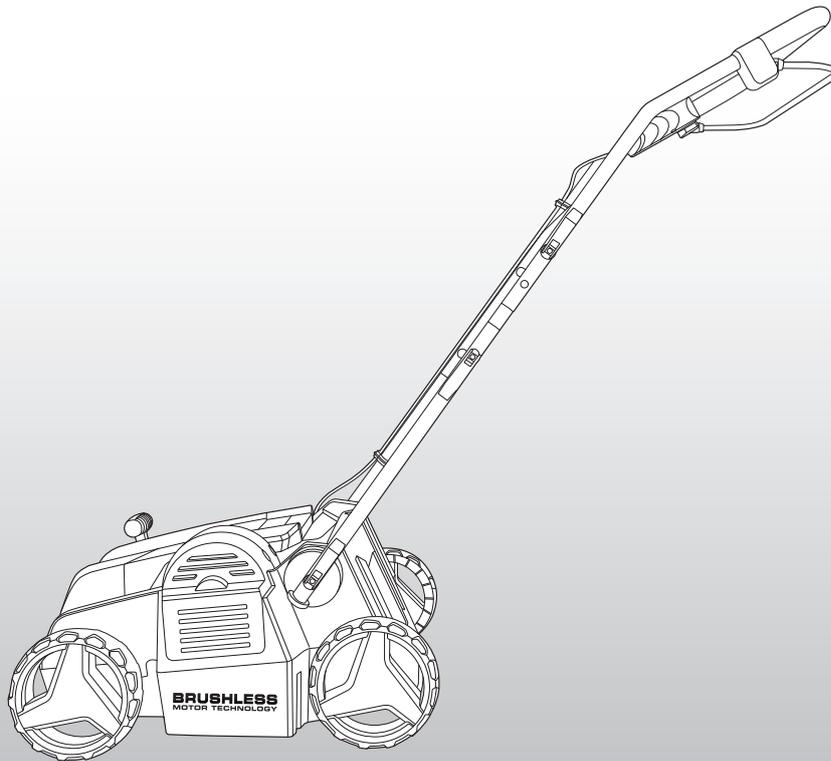
# BRUSHLESS SCARIFIER

## INSTRUCTION MANUAL

### SPECIFICATIONS

Input:	18V x 2
No Load Speed:	3,300/min
Working Width:	350mm
Scarifier Roller:	16 Blades
Height Adjustment:	-9/-6/-3/3mm
Noise Rating:	94dB
Weight:	9.8kg

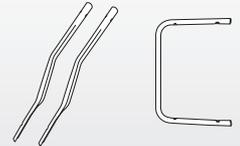
ozito.com.au



### STANDARD EQUIPMENT



Brushless Scarifier



Handle Parts



Handle Assembly Fasteners



Cable Clip x 3, Safety Key

**5 YEAR**  
REPLACEMENT WARRANTY

**PXSCS-0182**

## 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.

### WARNING

The following actions will result in the warranty being void.

- If the tool or machine has been operated on a supply voltage other than that specified on the tool or machine.
- If the tool or machine 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 or machine is disassembled or tampered with in any way.
- Professional, industrial or high frequency use.

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.

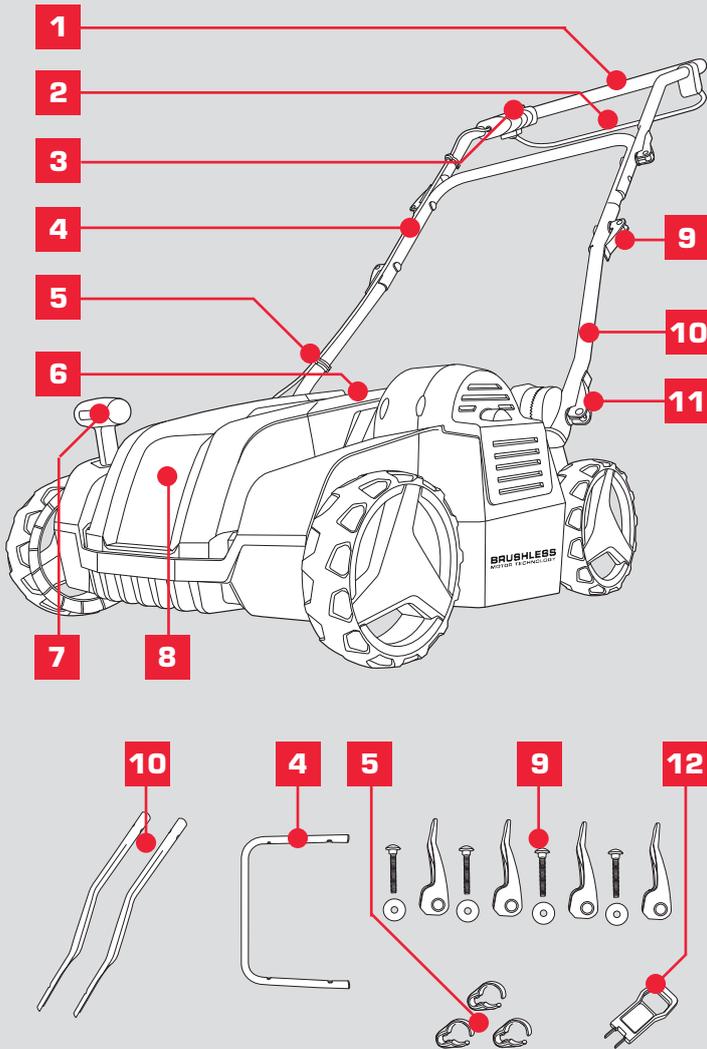
### 5 YEAR REPLACEMENT WARRANTY

Your Product is guaranteed for a period of 60 months from the original date of purchase and is intended for DIY (Do It Yourself) use only. If a product is defective it will be replaced in accordance with the terms of this warranty. **Lithium Ion batteries and chargers are covered by a 36 month warranty** and are excluded from the warranty extension. Warranty excludes consumable parts, for example: cable clips, roller blade, bearings etc.

# KNOW YOUR PRODUCT

## BRUSHLESS SCARIFIER

- |                         |                            |
|-------------------------|----------------------------|
| 1. Upper Handle         | 7. Depth Adjustment Lever  |
| 2. Start/Stop Lever     | 8. Battery Cover           |
| 3. Safety Switch Button | 9. Handle Securing Set x 4 |
| 4. Mid Handle           | 10. Lower Handle x 2       |
| 5. Cable Clip x 3       | 11. Quick-Release Lever    |
| 6. Carry Handle         | 12. Safety Key             |



## BATTERY & CHARGER

This machine is compatible with all batteries & chargers from the Ozito Power X Change range.

### ONLINE MANUAL

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



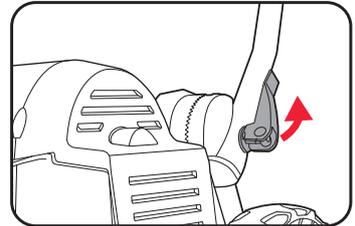
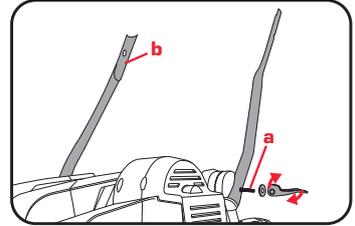
# SETUP & PREPARATION

## 1. ASSEMBLY

**WARNING!** ENSURE THE MACHINE IS SWITCHED OFF AND THE BATTERIES ARE REMOVED BEFORE PERFORMING ANY OF THE FOLLOWING TASKS.

### Fitting the Lower Handles

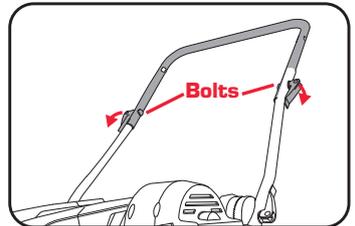
1. Remove the quick-release lever and washer from one side of the scarifier housing. Connect lower handle to the mounting thread (a). As you do this make sure that the embossing (b) faces inwards.
2. Refit the washer and secure in place with the quick-release lever.
3. Repeat the process with the remaining lower handle. Ensure both lower handles are set to the same angle.



**Note:** If necessary, turn the quick-release lever back sufficiently on the thread so that the handle quick-release lever can then still be flipped upwards.

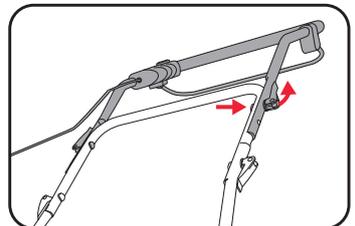
### Fitting the Mid Handle to the Lower Handles

1. Using two bolts from the handle securing set, hold the mid handle piece to the inside ends of the lower handle. Ensure the bolts fit through the inside of the mid handle and then through the hole in the lower handles.
2. Secure each side with washer and quick-release lever.



### Fitting the Upper Handle to the Mid Handle

1. Place the upper handle over each side of the mid handle. From the handle securing set, fit the bolts through the inner side of the mid handle and then through the hole in the upper handle.
2. Secure in place with washer and quick-release lever.



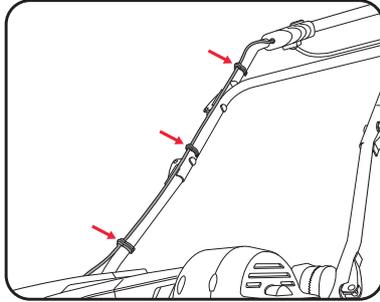
**Note:** When you fit the upper handle you can decide the height of the handle by selecting the appropriate fastening hole. Ensure you use the same hole on both sides.

**5 YEAR**  
REPLACEMENT WARRANTY

## Securing the Power Cord to the Handle

1. Secure the power cord from the switch housing to the scarifier using the three cable clips.

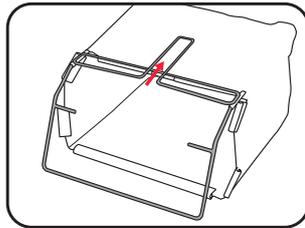
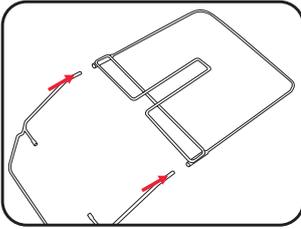
**Note:** Ensure that the power cord follows the handle smoothly from the switch to the body of the scarifier.



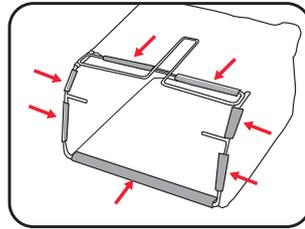
## Assembling the Grass Catcher (accessory)

This unit does not include a grass catcher. This is available separately.

1. Push both frame parts into each other.
2. Pull the catcher over the catcher frame.



3. Pull the rubber clips over the catcher frame.



## Fitting & Removing Grass Catcher (accessory)

**WARNING!** ONLY FIT AND REMOVE THE GRASS CATCHER WHEN THE SCARIFIER IS SWITCHED OFF AND THE MOTOR HAS COME TO A STOP.

This unit does not include a grass catcher. This is available separately.

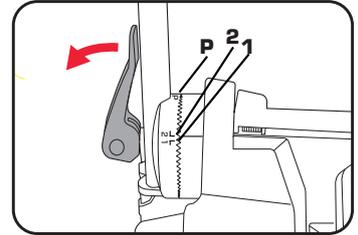
1. Lift up the catcher flap on the rear of the scarifier with one hand and hook grass catcher onto the housing from above.
2. Lower the catcher flap. The catcher flap is held against the catcher by a spring.
3. To empty the catcher, lift the catcher flap with one hand, while unhooking the catcher with the other.

**WARNING!** WHEN FITTING THE GRASS CATCHER AFTER EMPTYING, ALWAYS ENSURE THERE IS NO BUILD UP OF GRASS IN THE GRASS CHUTE.

## 2. PREPARATION

### Handle Height Positions

1. Release the quick-release levers on both sides of the scarifier housing.
2. Set the handle height to best suit the user during operation, either position **1** or **2** **MUST BE SELECTED**.
3. Secure the quick-release lever to hold the handle in the selected position. Make sure that both sides are set to the same position.



### Adjusting the Scarifier Working Depth

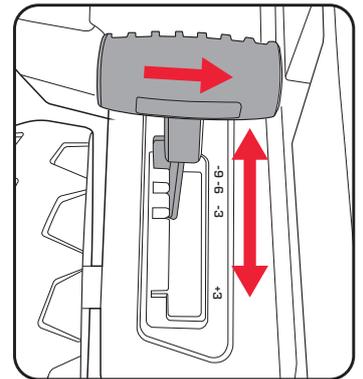
The scarifier depth is adjusted with the depth adjustment lever.

**WARNING!** ENSURE THE MACHINE IS SWITCHED OFF AND THE BATTERIES ARE REMOVED BEFORE PERFORMING ANY OF THE FOLLOWING TASKS.

1. Hold the depth adjustment lever firmly as you pull inwards away from the scarifier front wheel.
2. Adjust the lever to the required position, ensure that the lever is seated in place correctly.

#### Working height positions

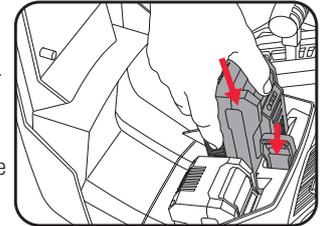
- +3 Transport position +3mm
- 3 Scarifier depth -3mm (shallowest)
- 6 Scarifier depth -6mm
- 9 Scarifier depth -9mm (deepest)



### Inserting/Removing the Batteries and Safety Key

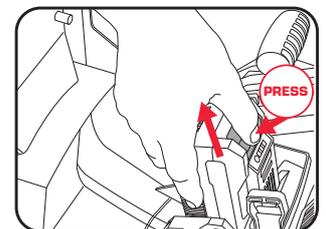
Only use two 18V battery packs of equal capacity and charge state. For best performance use 2.5Ah batteries and above.

1. Open the battery cover and slide two batteries of the same capacity and same charge state into the scarifier, aligning the ribs so that it clicks into place.
2. Insert the safety key. (If the scarifier is not going to be used immediately, do not insert the safety key).
3. Carefully close the battery cover.



**WARNING!** ALWAYS ENSURE THE KEY AND BATTERIES ARE REMOVED WHEN NOT IN USE.

4. To remove a battery, open the battery cover. Press and hold the battery release tab as you remove the battery.
5. Carefully close the battery cover.



# OPERATION

## 3. USING THE SCARIFIER

**WARNING!** ALWAYS WEAR STURDY, NON-SLIP FOOTWEAR, LONG TROUSERS, SAFETY GLASSES AND HEARING PROTECTION WHEN USING THE EQUIPMENT. NEVER USE THE EQUIPMENT BAREFOOT OR IN SANDALS

### Proper Use

The scarifying roller is designed for removing lawn thatch, moss and weeds from your lawn. It also helps loosens the soil, in turn improving airflow and drainage which allows your lawn to better absorb nutrients and promotes growth. Before scarifying, your lawn should be cut; grass height **not more than 5cm**.

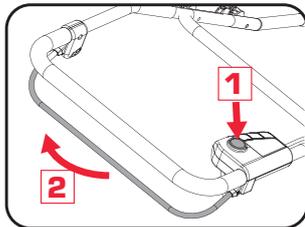
Scarifying can be done once a year before Spring, from about October through to February.

**WARNING!** DUE TO THE HIGH RISK OF BODILY INJURY TO THE USER, THE EQUIPMENT MAY NOT BE USED TO GRIND UP BRANCH OR HEDGE CLIPPINGS. IN ADDITION, THE EQUIPMENT MAY NOT BE USED AS A POWER CULTIVATOR TO LEVEL OUT HIGH AREAS.

### Switching On and Off

To prevent accidental start up, the scarifier is fitted with a dual action switch.

1. Press and hold the safety switch button.
2. Pull the start/stop lever towards the handle to start the scarifier and then release the safety switch button.
3. Release the start/stop lever to stop the scarifier.



**WARNING!** THE SCARIFIER ROLLER BLADE WILL STOP A FEW SECONDS AFTER THE START/STOP LEVER HAS BEEN RELEASED. BE AWARE OF THE NECESSARY TIME IT TAKES FOR THE ROLLER BLADE TO STOP. DO NOT ATTEMPT TO STOP THE ROLLER BLADE.

### Run Time

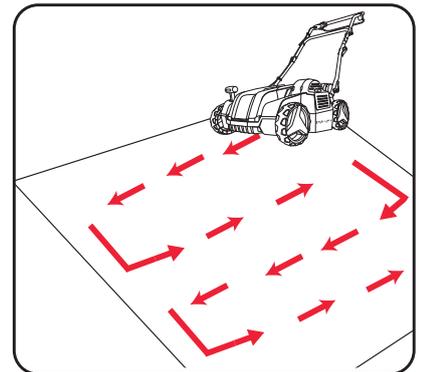
The operating time of the PXC battery (the area in square meters that can be covered with a single battery charge) is largely dependent on the state of the grass (e.g. Density, moisture, height, scarifying depth, etc.) and the scarifier speed (walking speed).

Frequently turning the equipment on and off while scarifying will also reduce the amount of area that you can cover. If the operating time of the PXC battery (area coverage) is still unsatisfactory in spite of the above measures, you can remedy the problem by using PXC batteries with a larger capacity (Ah).

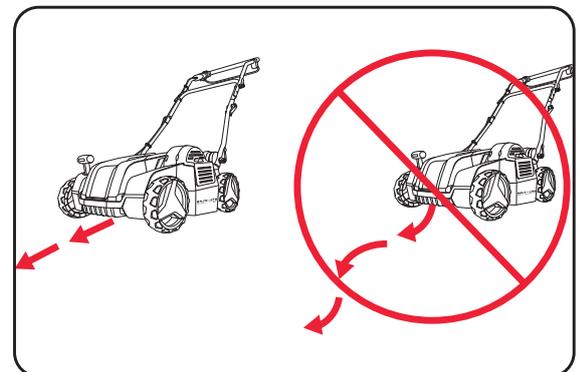
## 4. OPERATION TIPS

- Cut your lawn before scarifying, grass height **not more than 5cm**.
- It is recommended to start with smallest working depth position setting -3mm (shallowest) and complete a trial cut on a small section of the lawn and re-adjust if necessary.
- Make sure the lawn is clear of sticks, stones, wire and debris; they could be thrown by the blade.
- It is recommended not to use the Scarifier in poor visibility conditions, in the rain or when the grass is wet.
- Always ensure that a safe distance (provided by the long handles) is maintained between the user and the housing.
- Be especially careful when scarifying and changing direction on slopes and inclines.
- Always scarify along the incline (not up and down).
- For safety reasons, the scarifier may not be used to scarify inclines whose gradient exceeds 15 degrees.
- Use special caution when backing up and pulling the scarifier (tripping hazard).

- It is recommended that you overlap scarifying paths a little.
- Try to scarify in straight lines for a nice, clean look. In so doing, the aeration swaths should always overlap each other by a few centimetres in order to avoid bare strips.



- For optimum operation, always scarify in a straight line; do not swing the scarifier from side to side.



- Keep the underside of the equipment clean and remove soil and grass build-up. Deposits make it more difficult to start the scarifier and decrease the quality of the scarifying.

**WARNING!** ALWAYS WEAR HEAVY DUTY GLOVES WHEN CLEANING THE EQUIPMENT, THE BLADES ARE VERY SHARP AND CAN CUT YOU WHEN IT IS NOT MOVING.

# MAINTENANCE



**WARNING!** ALWAYS ENSURE THE SCARIFIER ROLLER BLADE HAS COMPLETELY STOPPED, REMOVE SAFETY KEY, BATTERY AND GRASS CATCHER PRIOR TO ANY MAINTENANCE.

## Cleaning

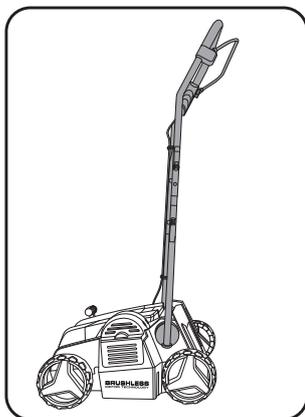
- Keep the ventilation slots of the machine clean at all times to ensure efficient operation.
- After each use, blow it with compressed air at low pressure through the machine housing to ensure it is free from all dust, dirt, etc. Build up of dust or dirt particles may cause the machine to overheat and shorten the life of the machine.
- If the housing of the machine requires cleaning, do not use solvents. Use of a soft cloth and brush only is recommended.
- Never allow any liquid to get inside the machine, never immerse any part of the machine into liquid or clean the scarifier with running water, particularly with high-pressure water.

## Maintenance

- A worn out or damaged roller blade should be replaced by an authorised expert.
- Take care that all fastening elements (screws, nuts, etc.) are firmly tightened, so that you can work safely with the scarifier.
- Replace worn or damaged parts for safety.

## Storage

- When not in use, the machine should be stored in a dry, frost free location, keep out of children's reach.
- Store the equipment and its accessories in a dark and dry place at above freezing temperature. The ideal storage temperature is between 5°C and 30°C.
- Remove the batteries and safety key from the scarifier when in storage.
- Allow the motor to cool before you put the equipment in an enclosed area.
- The handle has a **P** position in order to take up less space during storage. To adopt this position you must loosen the quick-release levers by approx. 3 turns to allow for the higher parking position. With the handle in this position, the scarifier can be stood in a corner in minimum space. When you return the handle to the working position, remember to tighten the quick-release levers again by 3 turns!



## Transport

- Switch the machine off and remove both batteries and safety key before transporting it.
- Set the depth adjustment lever to **+3 transport position**.
- For easier transport and/or storage, open the quick-release levers enough to allow the handle to be flipped together at these points. Take care not to damage the cable and the handle tubes.
- Protect the machine from damage and the strong vibrations that can occur particularly when transporting in vehicles.
- Secure the machine against slipping and tipping over.

**Note:** Ozito Industries will not be responsible for any damage or injuries caused by the repair of the scarifier by an unauthorised person or by mishandling of the scarifier. This machine is designed for DIY use - use in commercial or industrial environments will void the warranty.

## Battery protection system

The tool/machine is equipped with the battery protection system, which helps to ensure a long service life.

The output power automatically cuts off during operation when the tool, machine and/or battery are placed under the following situations:

### • When the tool/machine is overloaded:

If this occurs, release the start/stop lever remove the safety key and batteries and remove causes of overload, then reinsert the safety key and batteries, then press and hold the lock-off button and pull the start/stop lever again to restart.

### • When the remaining battery capacity becomes low:

Recharge the battery pack.

Note: The indicated capacity may be lower than the actual level during use or immediately after using the tool/machine.

# DESCRIPTION OF SYMBOLS

<b>V</b>	Volts	<b>Hz</b>	Hertz
<b>a.c./~</b>	Alternating Current	<b>W</b>	Watts
<b>/min</b>	Revolutions or reciprocations per minute	<b>n<sub>0</sub></b>	No load speed
<b>IPX1</b>	Ingress protection from water	<b>d.c./—</b>	Direct current
<b>Ah</b>	Amp hour		Warning
<b>mm</b>	Millimetre		Regulatory Compliance Mark (RCM)
	Do not operate in the rain or leave the scarifier outdoors while raining.		Wear hearing and eye protection.
	Read Instruction Manual to reduce the risk of injury.		
	Always keep the scarifier on the ground when operating. Tilting or lifting the scarifier may cause stones to be thrown out.		
	Keep bystanders away. Do not operate whilst people especially children or pets are in the scarifying area.		
	<b>Caution! Sharp teeth.</b> Beware of severing toes or hands. Do not put hands or feet near a rotating blade.		
	Sound power level: 94dB		Pull out Safety Key before carry out any repair work, storing or transporting the scarifier.
	The equipment's operating time depends on the battery with the lower charge level. Therefore, only use rechargeable batteries which are charged to the same level.		

# CARING FOR THE ENVIRONMENT



Power tools and machines 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](http://www.ozito.com.au) or contact Ozito Customer Service:

Australia 1800 069 486

New Zealand 0508 069 486

E-mail: [enquiries@ozito.com.au](mailto:enquiries@ozito.com.au)

# ELECTRICAL SAFETY

 **WARNING!** When using mains-powered tool & machines, 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 or machine off in an emergency, before operating the tool or machine. Save these instructions and other documents supplied with this tool or machine for future reference.

-Use, store and charge the tool or machine and battery pack in dry conditions, ideally at 15°C. Avoid exposing battery pack and charger to direct sunlight.

-Do not keep battery pack in places where temperatures are liable to reach over 50°C, such as in a car, metal shed or similar that is in direct sunlight.

Before you connect the charger to the mains supply make sure that the data on the rating plate are identical to the mains data.

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

The power supply for this product's 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 MACHINE SAFETY WARNINGS

 **WARNING!** Read all safety warnings, instructions, illustrations and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference. The term "power tool" or "machine" in the warnings refers to your mains-operated (corded) power tool and machine or battery-operated (cordless) power tool and machine.

## 1. Work area safety

- Keep work area clean and well lit. Cluttered or dark areas invite accidents.
- Do not operate power tools and machines in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools and machines create sparks which may ignite the dust or fumes.
- Keep children and bystanders away while operating a power tool or machine. Distractions can cause you to lose control.

## 2. Electrical safety

- Power tool and machine plugs must match the outlet. Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the power tool or machine before making any adjustments, changing accessories, or storing power tools or machines. 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 or machines to rain or wet conditions. Water entering a power tool or machine will increase the risk of electric shock.
- Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool or machine. 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.

## 3. Personal safety

- Stay alert, watch what you are doing and use common sense when operating a power tool or machine. Do not use a power tool or machine while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools or machines may result in serious personal injury.
- Use personal protective equipment. Always wear eye protection. Protective equipment such as a 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 power tool or machine. Carrying power tools or machines with your finger on the switch or energising power tools or machines that have the switch on invites accidents.
- Remove any adjusting key or wrench before turning the power tool or machine on. A wrench or a key left attached to a rotating part of the power tool or machine may result in personal injury.
- Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool or machine in unexpected situations.
- Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.
- 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.
- Do not let familiarity gained from frequent use of tools or machines allow you to become complacent and ignore machine safety principles. A careless action can cause severe injury within a fraction of a second.

## 4. Machine use and care

- Do not force the power tool or machine. Use the correct power tool or machine for your application. The correct power tool or machine will do the job better and safer at the rate for which it was designed.
  - Do not use the power tool or machine if the switch does not turn it on and off. Any power tool or machine that cannot be controlled with the switch is dangerous and must be repaired.
  - Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the power tool or machine before making any adjustments, changing accessories, or storing power tools or machines. Such preventive safety measures reduce the risk of starting the power tool or machine accidentally.
  - Store idle power tools and machines out of the reach of children and do not allow persons unfamiliar with the power tool and machine or these instructions to operate the power tool or machine. Power tools and machines are dangerous in the hands of untrained users.
  - Maintain power tools and machines. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's or machine's operation. If damaged, have the power tool or machine repaired before use. Many accidents are caused by poorly maintained power tools or machines.
  - Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
  - Use the power tool or machine, 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 or machine for operations different from those intended could result in a hazardous situation.
  - 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 power tool or machine in unexpected situations.
- ## 5. Battery tool or machine use and care
- Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
  - Use power tools and machines only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
  - When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
  - Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.
  - Do not use a battery pack, tool or machine that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.
  - Do not expose a battery pack, tool or machine to fire or excessive temperature. Exposure to fire or temperature above 130°C may cause explosion.
  - Follow all charging instructions and do not charge the battery pack, tool or machine outside the temperature range specified in the instructions. Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.

## 6. Service

- Have your power tool or machine serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool or machine is maintained.
- Never service damaged battery packs. Service of battery packs should only be performed by the manufacturer or authorized service provider.

# SCARIFIER SAFETY WARNINGS

 **WARNING!** 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.

## Safety instructions

### 1.1 General Safety Instructions for this electrical/battery operated equipment

- This equipment is battery-operated and the battery must be charged outside the equipment.
- This equipment is not to be used by people (including children) with disabilities, whether physical, sensory or cognitive, or by people without prior experience/adequate knowledge of the equipment, without supervision by qualified safety personnel, or instructions on how to use it.
- Children should be supervised, to ensure that they do not play with the equipment.

### 1.2 Safety instructions for electric/battery operated scarifiers

- Before each use, check the equipment for possible damage. The equipment should not be used if it is damaged, and must not be used up until it has been attended to by a specialist/our customer service personnel.
- If the equipment vibrates excessively, switch it off immediately and remove the battery from the machine. Tilt the equipment to examine the scarifier rotor for possible causes of imbalance and remove these as necessary. - Always wear gloves when working with this equipment, to avoid cuts. Should this not be the cause, consult one of our service personnel for repairs.
- When starting, both hands must be on the handle, the equipment must be on the ground, and must not be overturned.
- Safety components must be checked for damage before each use, and if any damage is present, must be replaced by our customer service personnel.

 **Danger!** Do not touch the teeth before the equipment is disconnected from the power supply and the teeth have reached a complete standstill.

 **Danger!** Always remove the battery from the machine:

- when the equipment is left unattended,
- before clearing a blockage,
- when the equipment is being checked, cleaned, or having maintenance work done
- after the machine body has been hit by a foreign object,
- or if the equipment vibrates abnormally.

## Preparations

- Never allow children or other persons who are not familiar with the operating instructions to use the equipment. Contact your local governmental agency for information regarding minimum age requirements for the user;
- Never use the machine while other people, particularly children or animals, are nearby;
- Always keep in mind that the operator or user of the equipment is responsible for accidents or risks involving other persons or their property;
- Wear hearing and eye protection while operating the machine;

- Always wear sturdy, non-slip footwear and long trousers when using the equipment. Never use the equipment barefoot or in sandals;
- Check the ground on which the equipment will be used and remove stones, sticks, wire, bones and other foreign bodies that could be caught up and violently flung out;
- Before use, always visually examine the machines and bolts for signs of wear or damage. To prevent any imbalance, replace worn out or damaged parts in sets only;
- If you operate equipment with an ejector at the rear and exposed rear rollers without a debris device, you must wear full eye protection at all times.

## Handling

- Only use the equipment in broad daylight or in well-lit conditions.
- If possible, the equipment should not be used on damp grass, but if this cannot be avoided, take special care to ensure that you do not slip;
- Always maintain good footing on slopes;
- Only operate the equipment at a walking pace;
- Always guide the equipment across slopes, never straight up or down;
- Be particularly careful when you change direction on a slope;
- Do not work on overly steep slopes;
- Be particularly careful when you turn the equipment around or pull it toward yourself;
- Release the start/stop lever and wait for the blades to stop if the equipment has to be tipped to one side for transport purposes. Stop the machine if you cross any surfaces other than grass and whilst transporting the equipment from and to the area on which you wish to use it;
- Never use the equipment with damaged or missing safety devices, e.g. without deflector plates and/or the grass collecting device;
- Do not adjust or over clock the motor speed settings;
- Use the ON/OFF switch with caution, according to the manufacturer's advice. Make sure that your feet are far enough away from the machine(s).
- Do not tilt the equipment when you start the motor, unless the equipment must be raised off of the ground a little, in order to start it. In this case, tilt it as little as absolutely necessary and only raise the side opposite to that of the user;
- Never move your hands or feet toward or under any rotating parts. Keep clear of the chute opening at all times;
- Never lift or carry the equipment with the motor running.
- Avoid using power tools and machines for long periods of time without breaks. Vibration from tools and machines can be transmitted into your hands and arms.

## Maintenance and storage

- Make sure that all nuts, bolts and screws are tightened securely to ensure that the equipment is in safe working condition;
- Allow the motor to cool before you put the equipment in an enclosed area.
- To avoid risk of fire, keep the ventilation openings free of grass, straw, moss, leaves and similar materials,
- Make regular checks on the grass collecting device for wear or damaged parts;
- Check the equipment at regular intervals and replace worn or damaged parts for your own safety.