



CORDLESS GARDEN CULTIVATOR

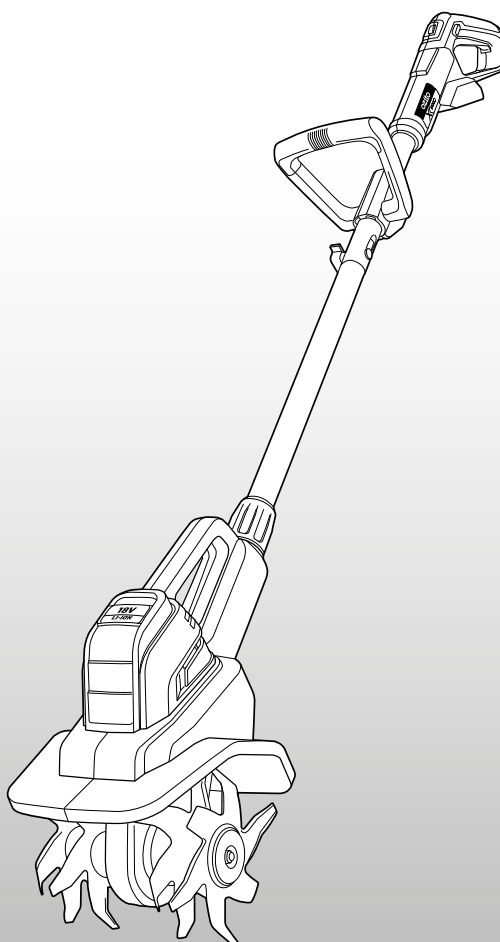
INSTRUCTION MANUAL

SPECIFICATIONS

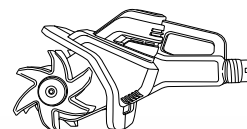
Input:	18V
No Load Speed:	190-230/min
Working Width:	200mm
Tine Diameter:	200mm
Noise Rating:	93dB
IP Class:	IPX1
Weight:	3.85kg

ozito.com.au

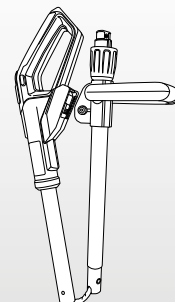
5 YEAR
REPLACEMENT WARRANTY



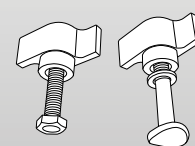
STANDARD EQUIPMENT



Cultivator Motor Housing



Long Handle



Assembly Fasteners

PGCS-1820

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 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.

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.

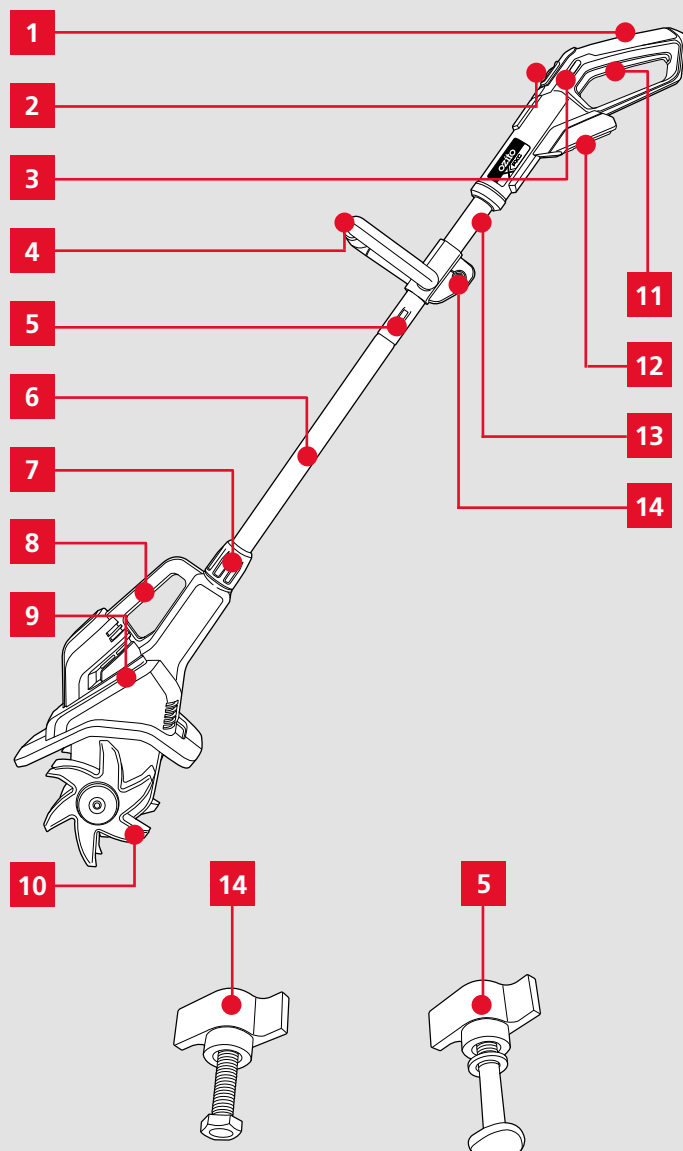
5 YEAR REPLACEMENT WARRANTY

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: tines.

KNOW YOUR PRODUCT

CORDLESS GARDEN CULTIVATOR

- | | |
|----------------------------|-------------------------------|
| 1. Sure Grip Handle | 8. Carry Handle |
| 2. Variable Speed Dial | 9. Motor Housing |
| 3. Safety Switch | 10. Tines |
| 4. Front Handle | 11. Trigger |
| 5. Tube Assembly Fasteners | 12. Battery Seating |
| 6. Lower Tube | 13. Upper Tube |
| 7. Tube Collar | 14. Handle Assembly Fasteners |



BATTERY & CHARGER

This tool is compatible with all batteries & chargers from the Ozito PXC range.

ONLINE MANUAL

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



5 YEAR
REPLACEMENT WARRANTY

SETUP & PREPARATION

1. ASSEMBLY

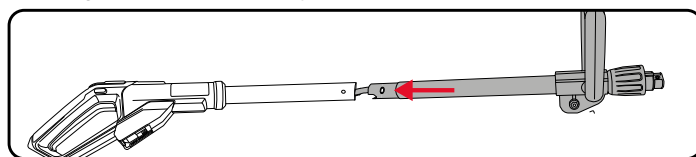


WARNING! ENSURE THE TOOL IS SWITCHED OFF AND THE BATTERY IS DISCONNECTED BEFORE PERFORMING ANY OF THE FOLLOWING TASKS.

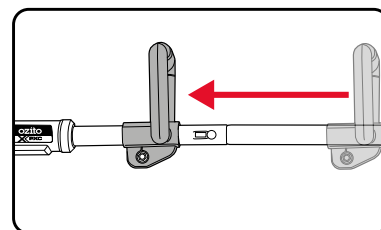
After removing the cultivator from the carton, check that the cultivator has not been damaged. Unpack the contents.

Long Handle & Motor Housing Assembly

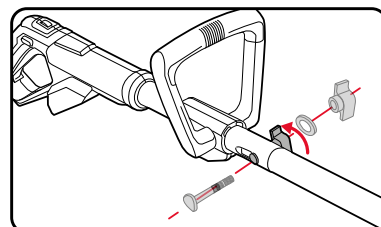
1. Push both halves of the Long Handle together, take care not to damage the cable inside as you do so.



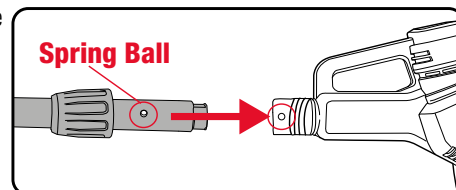
2. Before securing both halves with the Tube Assembly Fastener, slide the Front Handle up onto the Upper Tube.



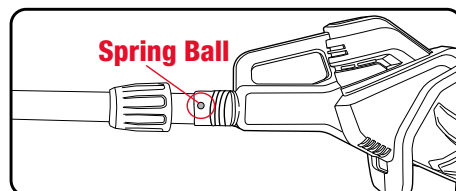
3. Secure both halves together using the Bolt from one side, then fasten with the Washer and Wing Nut.



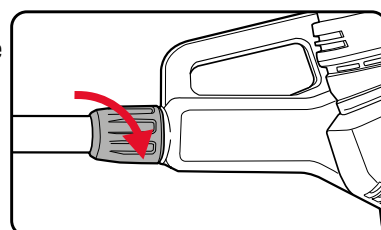
4. Slide the Long Handle into the Motor Housing. Make sure the Spring Ball aligns with the hole in the Motor Housing.



5. Press the Spring Ball slightly inwards as you do so. The Spring Ball will latch in the hole.

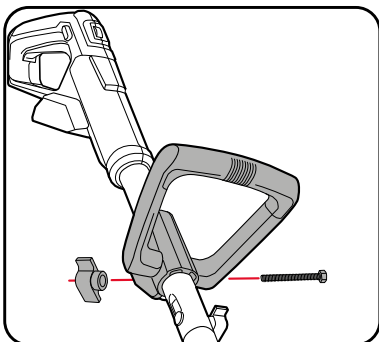


6. Secure together with the Tube Collar, turning clockwise to tighten. Ensure the Tube Collar is screwed on fully in order to ensure electrical contact between the Motor Housing and the Shaft Assembly.



Securing and Adjusting the Front Handle

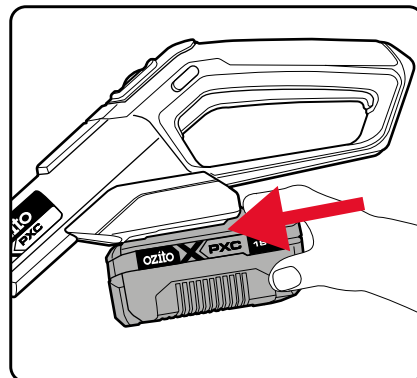
1. Turn the Front Handle so that it is aligned with the Sure Grip Handle.
2. From the Handle Assembly Fasteners pass the Hex Head Bolt into the mount of the Front Handle. Use the Wing Nut to secure, turning clockwise.
3. To adjust the handles position, loosen the wing nut by turning anti-clockwise, adjust the handles position up or down the Upper Shaft so it is in a comfortable working position for yourself.
4. Tighten the wing nut to secure its position.



2. INSERTING & REMOVING THE BATTERY

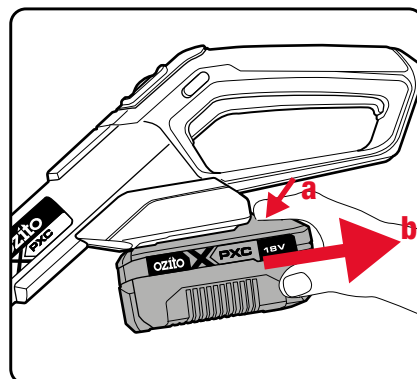
Inserting the Battery

Align the ribs of the battery with the recess below the handle and push in until it clicks into place



Removing the Battery

Press and hold the battery release tab (a) and then slide the battery out (b).



WARNING! NEVER LEAVE THE BATTERY EQUIPPED TO THE GARDEN CULTIVATOR WHEN NOT IN USE.

Run Time

The operating time of the PXC battery (the amount of operating time and the area you can cover with a single battery charge) is largely dependent on the battery age, speed selected, type of soil and the rate of work.

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

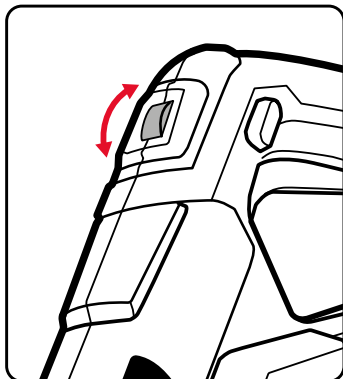
WARNING! DO NOT OPERATE THIS MACHINE WITH LONG LOOSE HAIR OR LOOSE FITTING JEWELLERY. TIE LONG LOOSE HAIR BACK AND REMOVE LOOSE FITTING JEWELLERY.

OPERATION

3. CONTROLS

Speed Control

The tines speed can be controlled using the Variable Speed Dial, allowing you to adjust it according to the task at hand. The dial is marked with numbers from 1 (minimum) to 6 (maximum), indicating the selected speed setting.

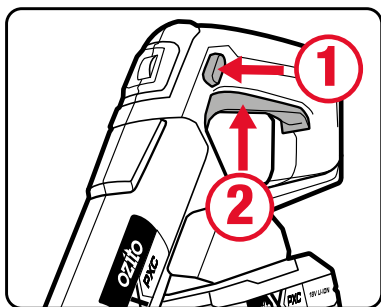


Switching On and Off

WARNING! THE GARDEN CULTIVATOR TINES WILL BEGIN TO ROTATE IMMEDIATELY AFTER THE MACHINE IS SWITCHED ON. KEEP YOUR HANDS AND FEET AWAY FROM THE ROTATING PARTS.

To prevent accidental start up, the garden cultivator is fitted with a dual action switch. Always hold the machine securely with both hands, one hand on the Sure Grip Handle and the other on the front Adjustable Handle.

1. To turn on, press and hold the Safety Switch (1) then squeeze the Trigger (2). Once the tines are rotating, you can release the Safety Switch (1).
2. Release the Trigger (2) to stop the machine.



WARNING! THE GARDEN CULTIVATOR TINES WILL CONTINUE TO ROTATE FOR A FEW SECONDS AFTER IT HAS BEEN SWITCHED OFF. NEVER ATTEMPT TO MANUALLY STOP THEM. LET THE TINES COME TO A COMPLETE STANDSTILL BEFORE SETTING THE TOOL DOWN.

WARNING! NEVER OPERATE THE GARDEN CULTIVATOR ON ROCKY SURFACES.

4. USING THE GARDEN CULTIVATOR

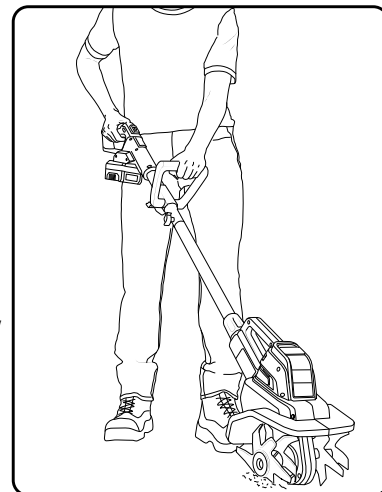
WARNING! ALWAYS WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT (PPE) WHEN USING THE MACHINE, SUCH AS STURDY, NON-SLIP FOOTWEAR, LONG TROUSERS, LEATHER GLOVES, SAFETY GLASSES AND HEARING PROTECTION. NEVER USE THE EQUIPMENT BAREFOOT OR IN SANDALS.

This machine is not suitable for difficult soil (stony, hard, etc.). The equipment is intended for private use i.e. for use in home and gardening environments. Public facilities, parks, sporting grounds, along roadways, or agriculture and forestry are excluded.

WARNING! KEEP HANDS, FEET AND CLOTHING AWAY FROM THE ROTATING TINES. THEY CAN CAUSE INJURY.

Operating Tips

- Do not let go of the handles until the tines come to a complete stop.
 - When using your garden cultivator use a forward and backward motion.
 - Always ensure that a safe distance (provided by the Long Handle) is maintained between the machine and the user. Be especially careful when changing direction on slopes and inclines.
 - Use special caution when backing up and pulling the machine (tripping hazard).
1. Place the machine in front of the area you wish to hoe and hold it securely, using both handles before you switch on the machine. Guide the blades over the area, pull or push the cultivator while it is digging in the soil's surface.
 2. To achieve evenly cultivated soil, guide the machine in straight lines whenever possible. While doing so, make sure the aeration passes overlap slightly, by a few centimetres, to prevent leaving bare strips.
 3. Switch off the motor promptly when you arrive at the end of the area you wished to hoe. The motor must be switched off when you raise the machine (for example to change direction).



Note: Keep the underside of the machine clean and remove soil deposits. Deposits make it more difficult to start the machine and decrease the working depth.

- Work perpendicular to the slope on inclined areas. The motor must be switched off and the battery removed before you make any checks on the garden cultivator blades.
- If the garden cultivator tines become tangled, stop immediately, don't try to power through it. Refer to the **Maintenance** section for details.

MAINTENANCE



WARNING! ENSURE THE TOOL IS SWITCHED OFF AND REMOVE THE BATTERY BEFORE PERFORMING ANY OF THE FOLLOWING TASKS.



WARNING! ALWAYS WEAR GLOVES WHEN CLEANING OR CARRY OUT ANY MAINTENANCE PROCEDURE.

If the Tines become tangled

If the garden cultivator tines become tangled, stop immediately, don't try to power through it.

1. Shut off the machine and remove the battery.
 2. Inspect the tines. Look for what's causing the tangle, common culprits include grass, roots, wire, or string.
 3. Carefully remove debris, use gloves and, if needed, pliers or a stick to pull out the material. Avoid using your bare hands directly on sharp edges.
 4. Check for damage. Make sure the tines aren't bent, cracked, or loose before restarting.
 5. Prevent it happening again. Clear the area of debris beforehand and avoid overly dense or fibrous material. If the tines are severely jammed or damaged, contact Ozito Customer Service before using it again.
- Ensure that all mounting components (i.e. screws, bolts, nuts etc.) are always tightened so that the machine can be safely operated at all times.

Cleaning

- Keep the ventilation slots of the tool clean at all times to ensure efficient operation.
- After each use, blow air through the machine housing to ensure it is free from all dust, dirt, etc. Build up of dust or dirt particles may cause the tool to overheat and shorten the life of the tool.
- If the housing of the machine requires cleaning, do not use solvents. Use of a cloth only is recommended.
- Never allow any liquid to get inside the tool, never immerse any part of the tool into liquid. Never use water to clean the tines.
- Use a stiff brush to remove dirt from safety guards and tines.
- Replace worn or damaged parts for safety.

Storage

- When not in use, the tool should be stored in a dry, frost free location, out of the reach of children.
- 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 battery from the machine when in storage.
- For space-saving storage and transport it is recommended to dismantle the shaft (see **Long Handle & Motor Housing Assembly** section). Remove the wing nut, the washer and the bolt, then pull the upper shaft off the lower shaft, take care not to damage the cable inside as you do so.
- Allow the motor to cool before you put the equipment in an enclosed area.



WARNING! STORE THE MACHINE IN A SAFE AND DRY PLACE OUT OF THE REACH OF CHILDREN.

Transport

- Switch the machine off and remove the battery before transporting it.
- Use the Carry Handle to transport the machine from one area to another.
- Protect the machine from damage and the strong vibrations that can occur particularly when transporting in vehicles.
- Secure the machine against slipping if you transport it in a vehicle.

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

SPARE PARTS

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

For further information, visit www.ozito.com.au or contact Ozito Customer Service:

Australia 1800 069 486

New Zealand 0508 069 486

E-mail: hello@ozito.com.au

TROUBLESHOOTING

Problem	Cause	Remedy
Garden Cultivator is not starting	Battery is low in charge.	Charge battery
	Battery not inserted properly.	Remove the battery and reinsert correctly.
	The battery is too cold	Replace with a battery at room temperature
	Insufficient contact or no contact between the upper and lower shaft	Dismantle the shaft and check the contacts. Refasten
The cultivator tines do not work satisfactorily	The soil is too hard and stony	The soil is unsuitable
	The tines are heavily soiled	Clean the tines
	The tines are damaged, bent, blunt etc.	Contact Ozito Customer Service

DESCRIPTION OF SYMBOLS

V	Volts	Hz	Hertz
~	Alternating current	W	Watts
dc/---	Direct current	Ø	Diameter
mA	Milliamperes	n	No load speed
/min	Revolutions or reciprocation per minute	IPX1	Ingress protection from water
	Regulator compliance mark		Warning!
	Wear protective footwear		Read instruction manual.
	Sound power level 93dB		Wear safety goggles & ear muffs
	Thrown objects can cause severe injury; keep a safe distance.		
	Warning! Rotating blades		
	Contact with rotating tines will cause serious injury. Keep hands, feet, and clothing away while machine is running.		
	Do not use in the rain or leave the garden cultivator outdoors while raining.		

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.

ELECTRICAL SAFETY

 **WARNING!** When using electric 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 machine off in an emergency, before operating the machine. Save these instructions and other documents supplied with this machine for future reference.

-This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

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

-This appliance is compatible and only to be used with all batteries & chargers from the Ozito PXC range. Refer to the PXC battery and charger manuals for information regarding charging, use and storage.

-Remove the batteries from the appliance before being charged.

-Do not combine different types of batteries or new and used batteries.

-If the appliance is to be stored unused for a long period, the batteries should be removed.

-Do not use modified or damaged batteries.

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

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

2. Electrical safety

- 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.
- Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
- Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- Do not abuse the cord.** Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
- When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.

3. Personal safety

- Stay alert, watch what you are doing and use common sense when operating a power tool.** Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.
- Use personal protective equipment.** Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- Prevent unintentional starting.** Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
- 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.
- Do not overreach.** Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- 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.
- 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 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

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

CULTIVATOR 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.

- Do not operate the machine near underground electric cables, telephone lines, pipes or hoses.
- Take extra care when walking backwards as there is a possibility that you may stumble.
- Do not operate the machine on a slope that is too steep for safe operation. When on slopes, slow down and make sure you have good footing. Always work at right angles to the slope and maintain a safe and firm stance.
- Only work when visibility is good.
- Before starting the machine, make sure tines are not touching foreign objects and must be completely free to move.
- Grip the upper handle firmly with both hands. Never operate the machine with one hand.
- Be aware that the machine may unexpectedly bounce upward or jump forward if the tines should strike extremely hard, packed soil, frozen ground, or buried obstacles such as large stones, roots or stumps.
- Do not put hands, feet or any body part or clothing in the vicinity of rotating tines.
- Only guide the machine at walking pace. Do not over reach. Maintain proper footing and balance at all times.
- If the machine strikes a foreign body, examine the machine for signs of damage and carry out any necessary repairs before restarting and continuing to work.
- If the machine should start to vibrate abnormally, switch off the motor and check for the cause immediately. Vibration is generally a warning of trouble.
- Hold the upper handle to lift the machine to move it from one place to another.
- Do not drag the machine over hard ground like concrete or paved paths or up & down steps.
- Never use the machine when it is raining. Try to prevent it from getting wet or being exposed to humidity. Do not leave it outside overnight.

- Wear sturdy working shoes and long trousers to protect your legs. Never operate the machine while barefoot or wearing inappropriate footwear such as thongs or sandals.
- Wear substantial closed, non-slip footwear
- Always switch off the machine, remove the safety key and batteries and wait until the machine stops before carrying out maintenance or cleaning work. Caution! Tines continue to rotate after switching off.
- Use caution when cleaning or performing maintenance on the machine. Wear protective clothing such as gloves when performing maintenance.
- Do not pick up carry the machine while the motor is running.
- Do not stand to the side or in front of the machine while it is in operation.
- Inspect the area thoroughly where the machine is to be used and remove all foreign objects.
- Exercise extreme caution when changing direction.



WARNING! When servicing, use only identical replacement parts. Use of any other parts may create a hazard or cause product damage. To ensure safety and reliability, all repairs should be performed by a qualified service technician.



Danger! Always remove the battery from the cultivator:

- when the equipment is left unattended,
- after striking a foreign object. Inspect the appliance for damage and make repairs as necessary,
- when the equipment is being checked, cleaned, or having maintenance work done,
- when the equipment is to be stored,
- when transporting in vehicles,
- when the battery is to be charged,
- or if the equipment vibrates abnormally.