

VIVOSUN

Designed by **VIVOSUN** in California.
Made in China



Pole Hedge Trimmer

USER MANUAL

Love what you grow™

Welcome to **VIVOSUN**

Thank you for choosing VIVOSUN. We are committed to product quality and friendly customer service. If you have any questions or suggestions, please don't hesitate to contact us.

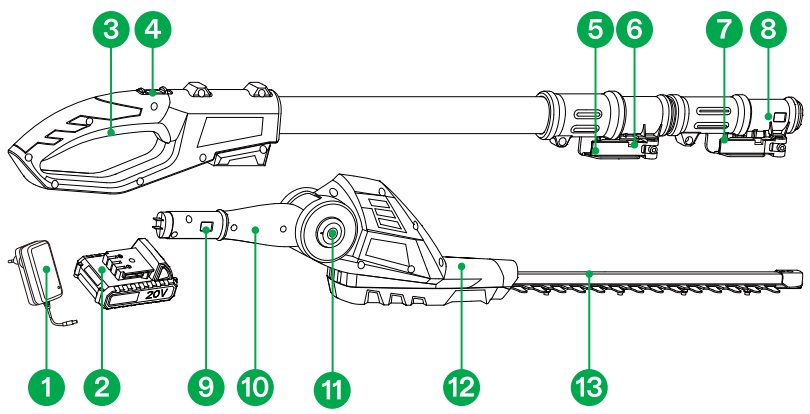
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TECHNICAL SPECIFICATION

Model	CHTrimer-P-01J
Voltage	DC 20V
No load speed	1400spm
Blade length	20"/510mm
Cutting Capacity	0.55"/14mm
N.W.	7.5lbs/3.4kg
Rotating angle	90-225 degrees
Max length	8ft
Battery	20 Volt Li-ion battery, 2000mAh
Noise pressure level LPA	77.5dB(A) K=3dB(A)
Noise power level LWA	92.4dB(A) K=3dB(A)
Vibration level	1.79 m/s ² K=1.5/s ²
Charge time	1-1.5 hours

PARTS LIST



1	Charger
2	Battery pack
3	Switch handle
4	Switch lock button
5	Lock trigger of telescopic tube
6	Trigger lock button
7	Lock trigger of assemble and disassemble
8	Middle casing
9	Button of assemble and disassemble
10	Rotating handle
11	Rotating button
12	Working head
13	Blade

SAFETY INSTRUCTIONS

WARNING! Read all safety warnings and all instructions before using this device.

- The safe use of this product requires an understanding of the information provided in this manual, as well as a knowledge of the project you are attempting. Before using this product familiarize yourself with all the features and safety rules so you know how to operate the device properly.
- 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 pack-operated (cordless) power tool.
- This product 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.
- Only use this product in the manner and for the functions described in these instructions.

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 can create sparks which may ignite the dust or fumes.
- Keep children and bystanders well away while operating the hedge trimmer. Distractions can cause you to lose control.

SAFETY INSTRUCTIONS

Electrical Safety

- Power tool plugs must match the intended 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.
- 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 risk of electric shock.
- When operating a power tool outdoors, use an extension cord suitable for outdoor use. Using a cord suitable for outdoor use reduces the risk of electric shock.
- If the supply cord is damaged, it must be replaced by the manufacturer or supplier, its service agent or similarly qualified persons in order to avoid a hazard.
- It is recommended that appliances should be supplied via a residual current device (RCD) with a tripping current of not more than 30mA.

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 (PPE). 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

SAFETY INSTRUCTIONS

- 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.

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 parts 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.
- Have your power tool repaired by qualified professional using only identical spare parts to ensure safety of the power tool is maintained.

SAFETY WARNINGS

Training

- Read the instructions carefully. Be familiar with the controls and the proper use of the appliance.
- NEVER allow children to use the product.
- NEVER allow people unfamiliar with these instructions to use the appliance.
- NEVER operate the appliance while people, especially children, or pets are nearby.
- The operator or user is responsible for accidents or hazards occurring to other people or their property.

Preparing the Device for Use

- Wear safety goggles and ear protection while operating the device – PPE is necessary.
- Always wear close-toed shoes and appropriate footwear and long pants. Do not operate the equipment barefoot or in open-toed sandals.
- Always wear suitable working clothes during working, which allow freedom of movement.
- Never operate the appliance if it is damaged, incomplete, or modified without approval of the manufacturer.

Operation

- When to disconnect the battery from the product and turn it off:
 1. Whenever the product is left unattended/you leave the product.
 2. Before checking, cleaning, or working on the product.
 3. If the product starts to vibrate abnormally.
- Operate the product only in daylight or in good artificial light.
- Do not overreach, keep your balance at all times.

SAFETY WARNINGS

- Always be sure of your footing on slopes.
- Walk, never run.

Maintenance and Storage

- Keep all nuts, bolts, and screws tight to be sure the product is in safe working condition.
- Replace worn or damaged parts immediately. Do not use if any part of trimmer is damaged.
- Only store this product in a cool, dry place.
- Use only spare parts and accessories approved by the manufacturer.

Residual Risks

- Even if you are operating this product in accordance with the provisions, residual risks will always remain. The following dangers can arise in connection with the structure and design of this product:
 1. Health defects resulting from vibration emission if the product is being used over longer period of time or not adequately managed and properly maintained.
 2. Injuries and damage to property due to broken accessories or hidden objects that are suddenly kicked up at high speed.
 3. Injuries and damage to property due to thrown and fallen objects.

WARNING: This product produces an electromagnetic field during operation. This field may, under some circumstances, interfere with active or passive medical implants. To reduce the risk of serious or fatal injury, we recommend persons with medical implants to consult their physician and the medical implant manufacturer before operating this product.

SAFETY WARNINGS

Vibration and noise reduction

To reduce the impact of noise and vibration emission, limit the time of operation, use low-vibration and low-noise operating modes as well as wear personal protective equipment. Recommended maximum work period is 20 minutes, and then a suitable rest period is 20 minutes.

Emergency

- Familiarize yourself with the use of this product by means of this instruction manual. Memorize the safety directions and follow them to the letter. This will help to prevent risks and hazards.
- Always be alert when using this product, so that you can recognize and handle risks early. Fast intervention can prevent serious injury and damage to property.
- Stop the motor and disconnect the battery from the product if there is any malfunction. Have the product checked by a qualified professional and repaired, if necessary, before you put it into operation again.

SAFETY WARNINGS

Safety Warnings and Instructions: Batteries

- Do not disassemble, open, drop, mechanically abuse, crush, bend, deform, puncture, or shred the battery in any way.
- Do not modify, remanufacture, or insert foreign objects into the battery.
- Do not expose this battery to fire, excessive heat, soldering irons or put in a microwave oven.
- Only use this battery/tool with the charging system specified by the manufacturer/supplier.
- Do not immerse/expose this battery to water or other liquids.
- Do not short-circuit a battery or allow metallic or conductive objects to contact both battery terminals simultaneously.
- Dispose of used batteries promptly according to the manufacturer/supplier's instructions.
- Improper battery/tool use may result in a fire, explosion, or other hazard.
- Battery/tool usage by children should be supervised.

Safety Warnings and Instructions: Charging

- This manual contains important safety and operation instructions.
- Before using the battery charger, read all instructions and cautionary warnings on the battery charger and product.
CAUTION: To reduce the risk of injury, use this charger only with this product. Batteries from other products may burst causing damage to the product or personal injury.
- Do not expose charger to rain or snow.
- Use of an attachment not recommended may result in a risk of fire, electric shock, or personal injury.
- To reduce risk of damage to the electric plug and cord, pull by plug rather than cord when disconnecting this charger.

SAFETY WARNINGS

- Make sure cord is located so that it will not be stepped on, tripped over, or otherwise subjected to damage or stress.
- An extension cord should not be used.
- Use only the supplied charger when charging your tool. The use of any other charger could damage the tool or create a hazardous condition.
- Do not attempt to open the charger. There are no customer serviceable parts inside.
- Do not incinerate the tool or batteries even if they are severely damaged or completely worn out. The batteries can explode in a fire. Toxic fumes and materials are created when lithium-ion battery packs are burned.
- Do not charge or use battery in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Inserting or removing the battery from the charger may ignite the dust or fumes.
- If battery contents come into contact with the skin, immediately wash area with mild soap and water. If battery liquid gets into the eye, rinse water over the open eye for three minutes or until irritation ceases. If medical attention is needed, the battery electrolyte is composed of a mixture of liquid organic carbonates and lithium salts.

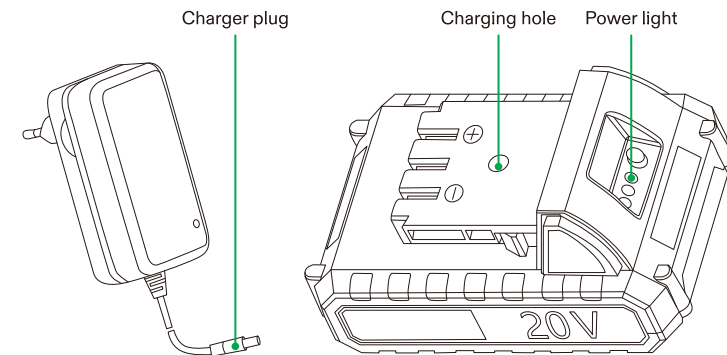
WARNING: Burn hazard. Battery liquid may be flammable if exposed to spark or flame.

CHARGING PROCEDURE

IMPORTANT: This battery pack is not fully charged at the factory. Before attempting to charge them, thoroughly read all the safety instructions.

- Ensure the charger you will use is suitable for this battery pack.
- Plug the charger plug into the charging hole of the battery pack.
- Plug the charger into any suitable standard outlet.
- Let the battery pack charge initially for the green light to flashing. If the power lights are all lighting, the battery pack is fully charged.

Recharge discharged batteries as soon as possible after use or battery life may be greatly diminished. For longest battery life, do not discharge batteries fully. It is recommended that the batteries be recharged after each use.



WARNING: Fire Hazard. When unplugging the output plug from the charging hole, be sure to unplug the charger from the outlet first and then disconnect the charger output plug from the charging hole.

Important Charging Notes:

- Your tool was sent from the factory in an uncharged condition. Before attempting to use it, it must be charged.
- **CAUTION:** To reduce the risk of damage to the batteries, NEVER charge them in an air temperature below 40°F (4.5°C) or above 105°F (40.5°C). Also,

CHARGING PROCEDURE

- NEVER charge them if the battery temperature is below 40°F (4.5°C) or above 105°F (40.5°C). Longest life and best performance occurs when batteries are charged with an air temperature of approximately 75°F (24°C).
- NOTE: The tool will not charge if the tool temperature is below approximately 32°F (0°C) or above 113°F (45°C).
- While charging, the charger may hum and become warm to touch. This is a normal occurrence and does not indicate a problem.
 - If the batteries do not charge properly:
 1. Check current at socket by plugging in a lamp or other appliance.
 2. Check to see if socket is connected to a light switch which turns power off when you turn out the lights.
 3. Move charger and tool to a surrounding air temperature of 40°F (4.5°C) to 105°F (+40.5°C).
 4. If the receptacle and temperature are OK, and you do not get proper charging, take the entire product back to the original retailer with proof of purchase.
 - The tool should be recharged when it fails to produce sufficient power on jobs which were easily done previously. Battery life may be greatly diminished if batteries are discharged deeply. DO NOT CONTINUE using product with its batteries in a depleted condition. Recharge discharged batteries promptly.
 - To maximize battery life:
 1. Do not fully discharge batteries.
 2. Fully recharge batteries after each use.
 3. Store tool in a location where the surrounding air temperature is approximately 40°F-75°F (4.5°C - 24°C).
 4. Disconnect charger from tool after charge is complete.

WARNING: Fire Hazard. When disconnecting the charger from the tool, be sure to unplug the charger from the outlet first, and then disconnect the charger cord from the tool.

OPERATION INSTRUCTIONS

- This pole hedge trimmer is designed for cutting and trimming of high and wide hedges, bushes and shrubs in domestic gardens.
- The maximum cutting capacity must be observed. Do not cut branches exceeding the stated maximum capacity.
- The appliance is suitable for the private use in the garden only, not for continuous commercial use.
- This appliance is designed for use by adults. Young people over 16 years old may use the appliance under supervision only.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, unless they have been given supervision or instruction concerning the use of the appliance by a person responsible for their safety.

Assembly

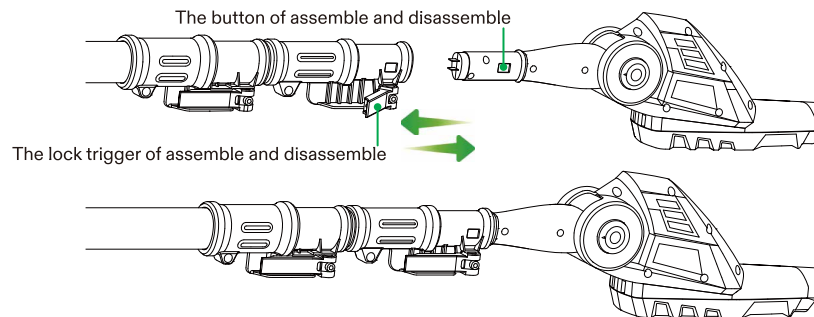
- This product requires some assembly. Carefully remove the product and any accessories from the box. Make sure that all items listed in the packing list are included.
- Inspect the product carefully to make sure no breakage or damage occurred during shipping.
- Do not discard the packing material.
- If any parts are damaged or missing, please contact authorised service center or retailer.
- If any parts are damaged or missing, do not operate this product until the parts are replaced. Failure to heed this warning could result in serious personal injury.
- Do not attempt to modify this product or create accessories not recommended for use with this product. Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious personal injury.

OPERATION INSTRUCTIONS

- Do not connect battery pack until assembly is complete. Failure to comply could result in accidental starting and possible serious personal injury.

CONNECTING THE POLES

- Open to either assemble or disassemble (7) and put the rotating handle (10) into the connecting middle casing (8). Next, you will see the button to assemble and disassemble (9) on the right hand side.
- Close the lock trigger to assemble or disassemble (7), don't forget to check it and tighten it for safety.



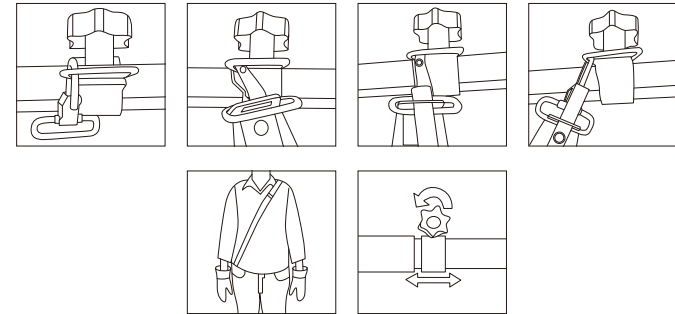
ASSEMBLING THE SHOULDER STRAP

- Always operate using the shoulder strap provided. Failure to do so could result in loss of balance and result in personal injury.

1. Follow the image below to assemble the shoulder strap

OPERATION INSTRUCTIONS

2. Place the shoulder strap so that it runs over the left shoulder, crossing the chest and back.

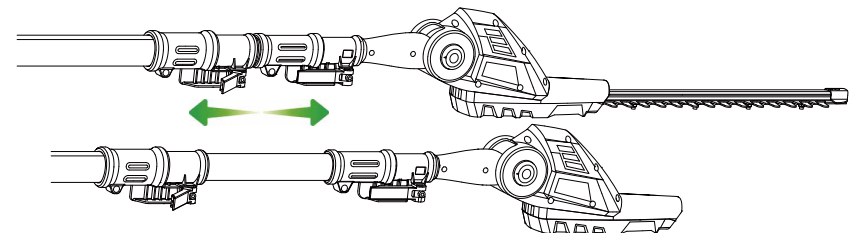


3. Adjust the position of the securing clip loosening the strap position lock nut (6) counter-clockwise and sliding it into required position.

4. This unit is designed with a quick-release strap hook, pulling the bar-shaped webbing will enable the strap to be released from pole chain saw quickly in case of emergency.

CUTTING LENGTH ADJUSTMENT

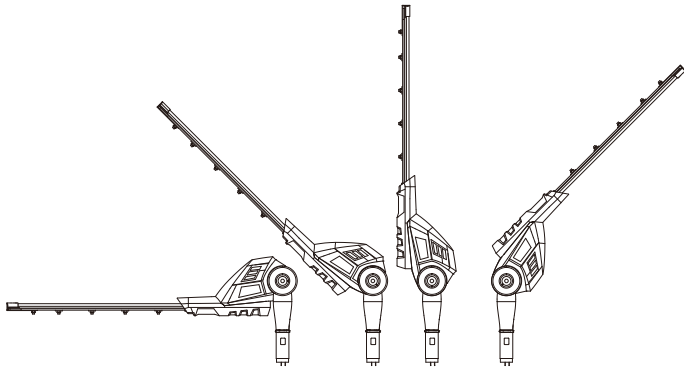
- If you wish to adjust the cutting length, you can use two hands to first open the trigger lock button (6) and second open the lock trigger of the telescopic tube (5), then adjust to a suitable height.
- Attention: Don't forget to lock the lock trigger of telescopic tube (5).



OPERATION INSTRUCTIONS

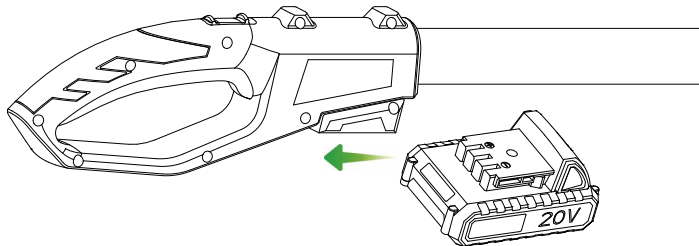
CUTTING ANGLE ADJUSTMENT

- This pole hedge trimmer supplies 4 cutting position for different cutting angles, adjust the cutting head angle to fit the growth of the plant.
- Press the rotating button (10) on the left and right of the trimmer head, and adjust the working head, until it snaps securely into place at one of the four positions indicated by the notches.



INSERT BATTERY PACK

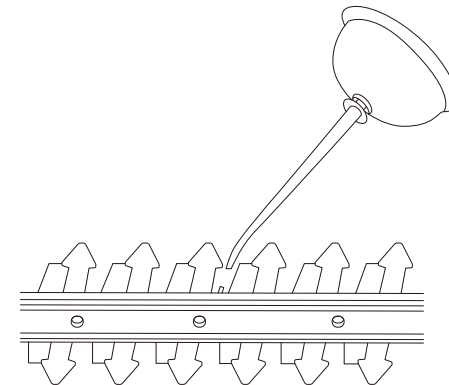
Please insert the battery pack to the machine. Always use the correct battery pack.



OPERATION INSTRUCTIONS

STARTING AND STOPPING

- Remove the blade protection sheath from the blade before operation.
- To turn on the machine, you should first push the switch lock button (4) and then press the switch handle (3).
- Releasing the switch-handle will make the machine stop suddenly, in that case, you might see sparks from the ventilation slot, do not worry, this is a normal occurrence and will not damage the machine. You will probably notice a burning smell coming from the motor, again do not worry, as this is the electrical brake which can generate a little smoke.



LUBRICATING THE CUTTING BLADE

- When you finish the work, you can pull out the battery pack, and charge it once the machine is off, cleaning the blade, lubricate the blade after each use to prolong the life span of the cutting blade and product.
- Apply light machine oil along the edge of the cutting blade.

OPERATION INSTRUCTIONS

STORAGE

For better storage we suggest disassembling the machine. Open the lock trigger to assemble or disassemble (7) the device and then press the two buttons (9) and pull out the rotating handle (10). Store the machine with the blade protection sheath covering the entire blade.

CHANGING THE BLADE

- Check the blade periodically. If the blade is damaged, please change immediately.
- It is difficult to change the blade by yourself, so we advise you to have the blade changed by an authorized service agent.

GENERAL INFORMATION

- If older hedges need to be cut back a substantial amount, use pruning shears to trim thicker branches to the desired length before going to work with the hedge trimmer.
- Ensure that the blade does not come into contact with anything that could damage it, such as fencing wire or metal plant supports.
- Native hard woods should not be cut with a hedge trimmer, as they will damage the blade.
- The hedge trimmer is designed to cut soft new growth and should only be used to cut such materials.

MAINTENANCE AND CARE

- Always remove the battery pack from the machine before carrying out any work on the machine or cleaning.
- The appliance is maintenance-free. If, despite careful production and rigorous quality assurance, damage is found, the appliance may only be repaired by an authorized service agent.

DISPOSAL

Any product, its accessories and packaging bearing the Waste Electrical and Electronic Equipment (WEEE) directive symbol (shown left) are NOT to be disposed of in domestic waste. Products that are at the end of the machines working life or that are not repairable must be separated and disposed of in an environmentally friendly way according to national regulations.

This also applies to accessories such as batteries which must NEVER be disposed of in household waste, water, or fire.

How do I dispose of Waste Electrical and Electronic Equipment (WEEE) correctly?

- Take your item to your local recycling center for advice.
- Retailers may provide a way for customers to dispose of their old household electrical and electronic equipment when they sell them a new version of the same item, either through a collection service or a store take-back scheme. Check with your preferred retailer for details.
- Some councils offer a household recycling collection service for small electrical items; contact your local authority for more details.

GUARANTEE

This appliance is guaranteed for 12 months from the date of purchase.

- If any defects arise during this period due to faulty materials or workmanship, a refund or replacement unit will be given. Please keep your original proof of purchase, as this guarantee is not effective without it.

SYMBOLS



Caution/Warning.



Conforms with relevant EU directives.



Read the instruction manual completely and carefully before using the power tool.



CAUTION! unusable power tools do not belong with domestic waste. They must be taken to a communal collecting point for environmentally friendly disposal in accordance with local regulations.



Don't leave your tool exposed to outdoor or rain.



Read and follow all safety precautions in the owner's manual.



Mobius Loop Symbol. Signifies a packaging/product is capable of being recycled.



Wear personal protective equipment. Always wear safety glasses or a face shield, hearing protection and safety helmet.



Wear gloves for cutting protection.



Wear safety shoes for preventing slipping.













Wear close-fitting work clothes when operating the device.



Warning! The device is not protected against electric shocks when it touches high-voltage lines! Maintain a safe distance of 10m from live electrical lines.

SYMBOLS

-  Eye Protection Symbol. Signifies that the product should be used while wearing eye protection.
-  Hearing Protection Symbol. Signifies that the accompanying product should be used with suitable ear protection.
-  Respiratory Protection Symbol. Signifies that the accompanying product should be used with suitable respiratory protection.
-  This symbol signifies low-density polyethylene (LDPE) (plastic bags, six-pack rings, tubing, etc.)
-  TUV GS Mark. Your tool get approved by TUV GS.
-  Disconnect the mains plug if the cord become damaged or entangled.
-  Don't Litter Symbol. Please ensure this product and its packaging is disposed of correctly.
-  Sharp blade can cut limbs.
-  Objects throw by the product could hit the user or other bystanders.
Always ensure that other people and pets remain at a safe distance from the product when it is in operation. In general, children must not come near the area where the product is working. Minimum distance 15m.
-  Guaranteed sound power level.