

KOZYARD

SKU: KYES2K5051

KY051














OWNER'S MANUAL

2400W ELECTRIC GARDEN SHREDDER



Thank you for buying this 2400W ELECTRIC GARDEN SHREDDER!
Please read this manual carefully before using the product.

DESCRIPTION OF SYMBOLS

V	Volts	Hz	Hertz
~	Alternating current	W	Watts
/min	Revolutions or reciprocation per minute	no	No load speed
dB	Decibel (noise) rating		Do not expose to rain
	Keep by standers away		Warning
	Regulator compliance mark		Wear safety gloves
	Wear eye protection		Wear ear protection
	Beware of debris being ejected from the shredder		Sound power level
	Disconnect and discontinue use should the power cord be damaged		Double insulated
	Read instruction manual	P40	Work 40S, Stop 60s
	Danger - Rotating blades. Keep hands and feet out of openings while machine is running		

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. THE 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 adaptor 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.

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

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. Battery tool use and care

a. 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.

b. Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.

c. 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.

d. 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.

6. 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.

ELECTRICAL SAFETY



WARNING!

When using mains-powered tools, 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 off in an emergency, before operating the tool.

Save these instructions and other documents supplied with this tool for future reference.

The manufacturer cannot accept any liability for damage or accidents which arise due to a failure to follow these instructions and the safety information.

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. If the supply cord of this power tool is damaged, it must be replaced by a specially prepared cord available through the service organisation.

Note: Double insulation does not take the place of normal safety precautions when operating this tool. The insulation system is for added protection against injury resulting from a possible electrical insulation failure within the tool.

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.

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

ADDITIONAL SAFETY INSTRUCTIONS FOR SHREDDERS

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.

Recommendations for the use of a residual current device with a rated residual current of 30mA or less.

- Only operate the machine in open space (e.g. not close to a wall or other fixed object) and on a firm, level surface.
- Children should be supervised to ensure that they do not play with the appliance.
- Do not operate the machine on a paved or gravel surface where ejected material could cause injury.
- Always stand clear of the discharge zone when operating this machine.
- Do not transport this machine while the power source is running.
- Do not tilt the machine while the power source is running.
- Only use the shredder in dry conditions and never outdoors when it is raining.
- Do not allow children or any person who has not read this instruction manual or who is not familiar with the shredder.
- Remember that the operator may be held responsible for accidents or hazards occurring to other people and/or their property.
- Ensure the shredder is placed on a firm and level surface prior to using.
- Before starting the shredder, ensure the chute is empty.
- Never use the shredder with damaged safety devices or without protection.
- Never operate the shredder unless the chute is in place and securely fastened.
- Wear ear protection when operating the shredder.
- Never look directly into the outlet while the shredder is running as loose debris may be ejected.
- Do not allow processed material to build up in the discharge chute. This may prevent proper discharge and can result in kickback of material through the feeding hopper.
- If the machine becomes clogged, switch off the machine and disconnect from the power. Allow the cutter to come to a stop. Clear debris from the cutter assembly.
- Never attempt to shred bones, stone, glass, metals, plastic or rags.
- Ensure the customer assembled all screws and nuts are properly tightened.
- Wear protective gloves, safety glasses and avoid loose clothing.



WARNING!

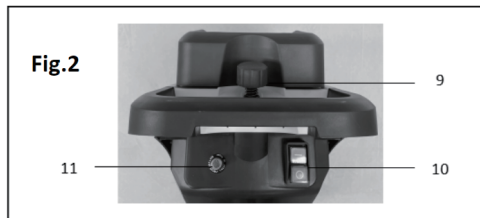
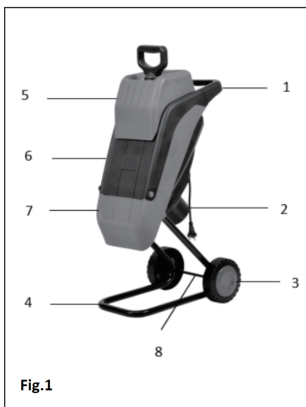
Rotating cutter head. Keep hands and feet out of openings

- Store shredder upright in a dry place when not in use.
- Never put your hands in the cutter area while the cutter assembly is running or the shredder is plugged in. The cutter continues to run for a few seconds after the shredder has been switched off.
- If the cutter strikes any foreign objects or if the shredder starts making any unusual noise or vibration, switch off the shredder immediately and disconnect the power.

Allow the cutter to come to a stop and take the following steps:

- Inspect for damage
- Check and tighten any loose parts
- Have any damaged parts replaced and/or repaired by an electrician or power tool repairer.
- Always switch off the shredder and disconnect the power whenever you leave the work area.

2400W ELECTRIC SHREDDER

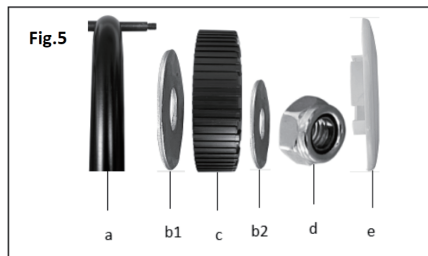
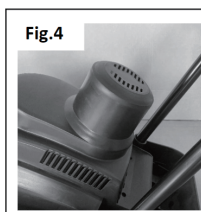
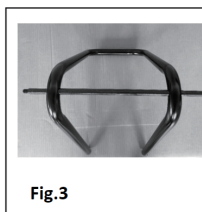


1. Cover with a handle
2. Engine housing
3. Wheel with the cover
4. Chassis
5. Feed hopper
6. Shredder body
7. Discharge chute
8. Axle
9. Adjustment knob of the pressure plate cover
10. Main switch
11. Interlock switch (circuit breaker)

SPECIFICATIONS

Rated voltage (V)	240V ~ 50Hz
Rated power (W)	2,400(P40)
No-load speed (min-1)	4,500
Max Cutting Width (mm)	Ø45
Sound pressure level dB(A)	96.7
Sound power level dB(A)	106
Vibration (m/s ²)	<2.5
Net weight (kg)	10.3
Protection degree	IPX4

ASSEMBLY



1. Turn the machine upside down.
2. Insert the chassis (4) to the body (6) (Fig. 4) and fix it with the attached screws.
3. Put the axle (8) through openings in the chassis (4) (Fig. 3).
4. Mount the wheels acc. to the drawing in (Fig. 5).
 - a - wheel axle
 - b1 - washer (big)
 - c - wheel
 - b2 - washer (small)
 - d - nut
 - e - wheel cover
5. Tighten the fixing screw of the blade head cover (9) (Fig. 2), equipped with an emergency switch.

SETUP & PREPARATION

How To Use This Product?

- Before using, make yourself familiar well with the manual as well as the machine itself.
- Before any work on the machine, switch-off the machine, remove the plug from the mains and make sure that all moving parts have been stopped completely.
- Examine the material that you intend to process thoroughly first. Remove all foreign objects which might be ejected by the machine or get stuck in it during processing. Remove earth from roots. Do not put foreign objects as stones, glass, pieces of metal, fibres or plastic materials into the feed hopper! Shredding knives might be damaged.
- Always place the machine on a level and firm ground. While operating the shredder, do not lean over or make needless movements.
- Let the rotating knives of the shredding mechanism reach maximal revolutions and only then feed the material intended for shredding into the feed hopper.
- Use the machine solely for shredding the following materials:
 - twigs and branches (max. 40 mm diameter)
 - bush cleaning waste
 - hedge cleaning waste
 - rests of plants and other garden waste
 - leaves and roots of plants (remove earth from roots before shredding)
- Do not feed soft kitchen bio-waste into the machine, put it on the compost heap.
- If not too bulky, insert the material for processing to the corner of the feed hopper. Knives will pull it inside without further assistance.
- Only insert as much material as can be fed into the feed opening not to get it jammed and blocked.
- Ensure the shredded material comes freely out from the discharge chute.
- For better composting, you can process material in the shredder twice.
- Do not allow processed material to build up under the discharge chute so that it reaches to the shredding mechanism. This would cause blockage of the knives and then of the feed hopper.
- Organic materials have high water and sap content which may cleave on the equipment and clog it up. Therefore, you should store it for a few days before shredding and let it dry up. However, above mentioned does not apply for bigger branches which can be optimally processed fresh.
- If the knives get stopped during shredding, stop the shredder immediately. Then disconnect it from the mains and start to search for the cause of the problem.
- Remove all processed material remains from the blades of the knives; then inspect the knives thoroughly to be sure they have not been damaged. Only then go on to in shredding.
- If the blade gets stopped for more than 5 seconds, the machine gets switched-off by means of the overvoltage protection switch. Wait at least 1 minute and let the machine cool down before switching-on the machine again. Then push the overvoltage protection switch and follow-up the main switch (On/Off) to restart the machine.
- If the shredding mechanism blade strikes any foreign object or if the machine starts making any unusual noise or abnormal vibration, switch it off immediately and wait till the blade stops rotating and is still in place. Remove the plug from the mains and then follow the procedure below:
 - Inspect for damage.
 - Replace or repair any damaged parts.
 - Check for and tighten any parts loose by reason of the incident.
- If the equipment jams, switch-off the machine and wait till the blade has been stopped. Before cleaning the equipment, disconnect the power supply/extension cable plug from the mains.
- Clean the engine ventilation slots from material remains and other debris; reduce the risk of engine damage and possible fire.
- Whenever you interrupt your work and leave the workplace, switch-off the machine, wait till the shredding mechanism knives stop and remove the power supply cable plug from the mains.
- Do not allow processed material to build up in the discharge area. By this you eliminate the
- kickback risk which might occur through the feed hopper opening.

WARNING! Longer pieces of material may traverse about and strike you while being pulled into the shredding mechanism. Therefore keep a safe distance from the feed hopper!

HOW TO HANDLE THE PRODUCT?

Switching-on and stopping the shredder

- Use the main switch (10) to turn the shredder on and off (Fig. 2) – ON position is marked with "I", OFF position with "O".
- If the machine does not run, push the "interlock switch" (11) (Fig. 2), whereas make sure that the machine is connected (the power supply cable plug) to the mains.
- Let the machine engine run idle for several seconds and only then start shredding.
- The interlock switch gets activated under the following circumstances:
 - build-up of shredded material around the shredder roller.
 - the engine capacity overload.
 - processed material resists the shredder roller blades.
- If the interlock switch was activated, switch-off the shredder and disconnect from the mains.
- Unscrew the control of the reamer at the bottom of the head and open the upper part.
- Remove the debris or obstacle from the shredding zone.
- Put the upper part back on and tighten the reamer control.
- Let the engine at standstill for several minutes to cool down.
- Re-connect to the mains and push the interlock switch.
- To turn on the shredder again, press the main switch (10) (Fig. 2) – position "I".

Warning: NEVER demount the pressure plate cover adjustment knob without switching off the main switch ("On/Off" button) and disconnecting the power supply cable plug from the mains first.

Warning: The shredder will stop shredding within 5 seconds after switching-off by pushing the main switch.

The use of the plunger



12

Fig.6

- The plunger serves as an aid when filling the feed hopper with small material (for instance small twigs, leafage, other garden waste and greens).
- Fill-in the feed hopper.
- Press the material through a plunger (12) towards the blade disk.
- Wait until the material is shredded and only then insert the next batch.

Warning: Never allow your fingers inside the feed hopper chute! Never use the equipment without the feed hopper! Do not lean over the feed hopper!

HOW TO COLLECT THE SHREDDED

- Before moving the bag closer or farther, switch-off the drive unit.
 - For collecting the material, you can use the collection bag (if it is a part of delivery) or you can place the shredder on a sheet in order to collect the shredded material.
 - If you use the collection bag, you need to attach both hooks of the bag to the discharge chute.
- WARNING!** Do not cover ventilation slots of the machine body by the collection bag or shredded material.

Warning: Do not cover ventilation slots of the machine body by the collection bag or shredded material.

WHAT TO DO WHEN REPLACING KNIVES?

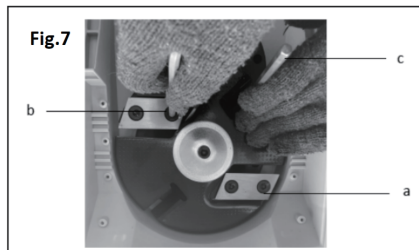


Fig.7

- Switch-off the shredder and disconnect from the mains.
- Take-off the upper part of the feed hopper assembly by unscrewing the adjustment knob of the pressure plate cover.
- The knives are double-sided. If the blade is worn-out, it can be upturned and used by the other side.
- You should wear gloves while handling the knives in order to replace them.
- Arrest the shredder roller with the help of a wrench (c). Unscrew both inner hexagonal nuts (b), whereas pay close attention to the knife cutting angle.

- Take-off the knife and turn by 180 degrees (a); position the blade on the roller so that the bottom side points downwards.
- Follow the same procedure when replacing the other knife.
- If both blades of the knife are worn-out, they must be both replaced at the same time. They can be re-sharpened. (Sharpening must be carried out by a skilled specialist.) We do not recommend this solution with regard to the fact that the absolute balance of the knives on the roller is highly important for the proper functionality of the machine. The slightest unbalance may result in damage to the machine or even in injury of the operating person.

TROUBLESHOOTING

Problem	Cause	Solutions
The motor does not run	The shredder may have been overloaded.	Wait 1-5 minutes and allow the motor to cool down. Move the on/off switch to the ON "I" position to restart the shredder.
	The closure between the shredder housing and motor housing has not been closed correctly.	The safety interlock will not allow power to the shredder. Open the housing and ensure the contact surfaces are clean. Refit and tighten the locking knob in a clockwise direction.
	Power failure.	Check the power supply/ cord and house fuse.
The material to be shredded is not pulling through the unit	The hopper plate is blocked.	Disconnect all power and unscrew the locking knob. Carefully clean all debris and free organic matter from the discharge area. Lower the housing and tighten the locking knob to ensure it is secure.
	The blades are blunt and need to be changed.	Reverse or replace the blades.
The motor is cutting out on overload	The blades are blunt and need to be changed.	Reverse or replace the blades.
Smoke is coming out of the hopper	The cutter assembly is clogged.	Open the shredder and clean out the hopper.

MAINTENANCE

Warning: Make sure the machine is disconnected from the mains while performing maintenance and cleaning.

- Before a service inspection, storage or replacement of some part, switch-off the engine and disconnect the equipment from the mains.
- If the extension cable is used, it must not be lighter than the power supply cable belonging to the equipment.
- Check the power supply cable and in case of need the used extension cable for signs of wear regularly. In the case of damage, do not use the equipment.
- While carrying out any service maintenance of the shredding mechanism, do not forget that the mechanism can be switched-on even manually despite the interlock switch stop.
- Never deactivate the interlock switch.
- Remove dirtiness from the equipment with the help of a brush.
- Always clean the machine after each use. Use soap and a wet rag for cleaning the plastic parts. Do not use aggressive substances and solvents.
- Never clean the shredder by water stream. Keep the equipment protected against water.
- Use the shredder only with recommended accessories.

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.

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 with your receipt of purchase. Prior to returning your product for warranty. Please contact us via our after sales support services.

EMAIL: support@topto.com.au

1 YEAR REPLACEMENT WARRANTY

Your product is guaranteed for a period of 12 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. Warranty excludes consumable parts, for example: driver bits.

WARNING

1. The following actions will result in the warranty being void.

Professional, Industrial or high frequency use.

2. If the tool has been operated on a supply voltage other than that specified on the tool.

3. If the tool shows signs of damage or defects caused by or resulting from abuse, accidents or alterations.

4. Failure to perform maintenance as set out within the instruction manual.

5. If the tool is disassembled or tampered with in any way.

How to get 1 extended year warranty?

This product comes with 1 year replacement warranty. However, you may get 1 extra year warranty with conditions. Please ask for detail by sending an email to support@topto.com.au

KOZYARD

CUSTOMER SERVICE
&PARTS

Contact: support@topto.com.au