

SOVEREIGN

EASY GARDENING

2400W IMPACT SHREDDER

Item No. 310477

Model No. FD2402



INSTRUCTION MANUAL

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INTENDED PURPOSE

The shredder is intended for shredding fibrous and wood-related materials, such as hedge and tree cuttings, branches, bark and pine cones.

Any use not expressly permitted in this manual may damage the shredder and pose a serious danger to the user.



Do not put stones, glass, metal, bones, plastics or fabrics into the shredder.

The operator or user is responsible for accidents and injury or damage to third parties.




The manufacturer will not be held responsible for any damage caused by improper operation or use outside of intended usage.

Safety information






Important - please read these instructions fully before starting assembly

-  This shredder may cause serious injuries if used incorrectly. Before using the shredder, read the user manual carefully and familiarise yourself with all of the controls. In cases of uncertainty, ask an expert for advice.
-  Keep the manual in a safe place and pass it on to any subsequent owners, to ensure that the information contained therein is available at all times.

Symbols used in the instructions

-  Hazard symbols with information on prevention of personal injury and property damage.
-  Precaution symbol (other symbols may be used instead of an exclamation mark) with information on prevention of harm/damage.
-  Notice symbol with information on how to handle the device properly.

Symbols on the shredder

-  Warning!
-  Read the instruction manual.
-  Wear eye and hearing protection.
-  Wear hand protection.
-  Do not expose to moisture.

Safety information

Important - please read these instructions fully before starting assembly

Symbols on the shredder (continued)



Caution! Switch off and remove plug from mains before adjusting, cleaning or if the cord is entangled or damaged.



Danger! Rotating blades. Keep hands and feet out of openings while the machine is running.



Keep bystanders away.



Caution! Moving blade.



Warning! Electric shock hazard.



Always unplug the shredder before carrying out maintenance.



Guaranteed noise power level in accordance with Directive 2000/14/EC.



Do not dispose of electrical equipment in the domestic waste.

Safety information

Important - please read these instructions fully before starting assembly

Symbols on the shredder (continued)



The equipment is intended only for use in premises in which the current bearing capacity of the network is ≥ 100 A per phase and which are supplied by a distribution grid with a nominal voltage of 230/240V.



Class II equipment.

IP24

Protection against contact with the fingers and solid foreign bodies with $\varnothing > 12.5$ mm, as well as protection against splashed water from all directions.



This device complies with the applicable European directives, and an evaluation method of conformity for these directives has been done.



The product complies with the applicable UK directives and an evaluation method of conformity for these directives was followed.

General Safety



IMPORTANT! Read manual carefully before use and keep for future reference.

- This device must not be used by people (including children) with reduced physical, sensory or mental capabilities or lack of experience and knowledge or people unfamiliar with these instructions to use the machine, local regulations may restrict the age of the operator;
- Keep children and pets at a safe distance away from the device. Children must be supervised in order to ensure that they do not play with the equipment.

Safety information

Important - please read these instructions fully before starting assembly

General Safety (continued)

- Never allow children or other persons unfamiliar with the user manual to use the shredder. Local regulations or bylaws may determine the minimum age for using the shredder.



Observe noise control and local regulations.



CAUTION! When using power tools, observe the following basic safety measures for the prevention of electric shocks and the risk of injury and fire:

Become familiar with the instruction manual before attempting to operate this device.

- Never use the shredder with other persons or animals nearby.
- Wear hearing and eye protection (PPE) at all times when using the shredder.
- Wear appropriate protective clothing, such as protective gloves, firm footwear and long trousers. Do not wear loosely fitting clothes or clothes with dangling cords or belts. Keep long hair tied back.
- Only use the shredder in the open (away from walls or other rigid structures) on a firm, level surface.
- Do not use the machine on a paved, gravelled area, which could be damaged by ejected material.
- Before you start up the shredder, check that all of the nuts, bolts and other fastenings are tight. Covers and shields must be fastened properly and in good working order. Replace any damaged or illegible warning labels.

Safety information

Important - please read these instructions fully before starting assembly

General Safety (continued)

- Only use suitable like-for-like replacement parts and accessories.
- Do not leave the shredder working unattended and keep it in a safe, dry place out of children's reach.
- While being used in the open, connect the shredder to a residual current (RC) circuit breaker with a trip current of no more than 30mA.
- When servicing the cutting device, be aware that even though the power source will not start due to the interlock feature of the guard, the cutting means can still be moved by a manual starting mechanism.
- Shut off the power unit before attaching or removing the bag.
- Keep all guards and deflectors in place and in good working condition.

Working with the device

- Make sure that the funnel feeder is empty before you start the shredder.
- Keep your head, hair and body away from the intake opening.
- Do not reach into the funnel feeder during operation. The shredder will continue to run for a short period after you switch it off.
- Always make sure you are standing in a firm, balanced position. Do not lean forwards, and never lean over the shredder when inserting materials.

Safety information

Important - please read these instructions fully before starting assembly

General Safety (continued)

- Make sure that the material inserted into the shredder does not contain hard objects made of metal, stone, glass or similar.
- Do not use the shredder in the rain or in bad weather. Work in daylight or under good artificial lighting conditions.
- Do not operate the shredder when you are tired or distracted, or under the influence of alcohol or medication. Always take a break when you need one and be sensible about how you work.
- Switch the shredder off and disconnect it from the power source, under the following circumstances:
 - when you are not using the device
 - transporting it or leaving it unattended
 - before releasing a jammed blade
 - when you are checking the device, cleaning it or removing blockages
 - when you are carrying out cleaning or maintenance work or replacing accessories
 - before moving or lifting the shredder
 - if foreign objects should enter the shredder, and it makes unfamiliar noises or vibrations (check the shredder for damage before starting it up again).
- Do not allow shredded material to accumulate near the ejection area. This may otherwise hinder proper ejection and force the material back up through the feeder.
- Do not transport or tip the shredder with the motor running.

Safety information

Important - please read these instructions fully before starting assembly

General Safety (continued)

- Keep hands, other body parts and clothing out of the filling chamber and ejection channel, and away from other moving parts.
- In the event of blockages in the machine intake or ejection, switch off the motor and disconnect the machine from the mains power supply. Ensure that the motor is free of rubbish and other accumulations, in order to safeguard the motor from damage or possible fire.
- Remember that the cutting tool is also activated when the starting mechanism is started on a motor-operated machine.

 **CAUTION!** The following states how damage to the shredder and possible injury to people can be avoided:

- Handle the unit with care. Clean the ventilation slits regularly; keep to the maintenance instructions.
- Do not overload your device. Work only within the indicated range of performance. Do not employ any low power machines for heavy work. Do not use your device for purposes for which it has not been designed.
- Only switch the shredder off once the funnel feeder is completely empty, since the shredder may otherwise clog up and not be able to start afterwards.
- Do not attempt to repair the shredder yourself unless you are qualified to do so. Any work not specified in this manual may only be carried out by a qualified service centre.

Safety information

Important - please read these instructions fully before starting assembly

General Safety (continued)

Electrical safety

 **CAUTION!** The following states how to avoid accidents and injuries due to electric shock:

- Damaged cables, coupling and plugs or connecting leads not corresponding to specifications, must not be employed. Remove the plug immediately from the plug socket in case of damage to the mains cable.
- Do not touch the mains power supply cable under any circumstances, until you have pulled the plug out of the mains socket.
- If the power cable for this equipment is damaged, it must be replaced by a qualified person in order to prevent hazards.
- Do not use the appliance if the on/off switch does not work properly. Always have a damaged switch repaired by a qualified technician.
- Only use extension cables that have been approved for outdoor use and are splash resistant. The core diameter for extension cables measuring up to 25m must be at least 1.5mm², and 2.5mm² for cables longer than 25m. Always roll the whole cable off the reel before use, checking the cable for damage.
- Do not unplug the shredder by pulling on the cable, only pull the plug itself. Keep the cable away from heat, oil and sharp edges.

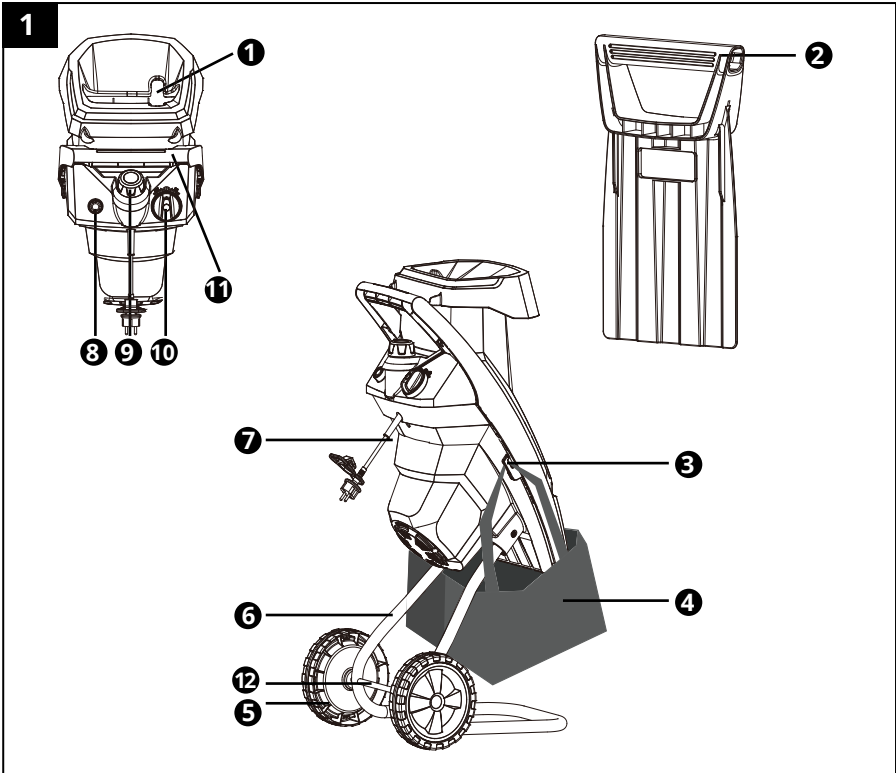
Important - please read these instructions fully before starting assembly

The shredder has a powerful electric motor with overload protection. Cutting is performed by a fast rotating blade.

In the box

Parts

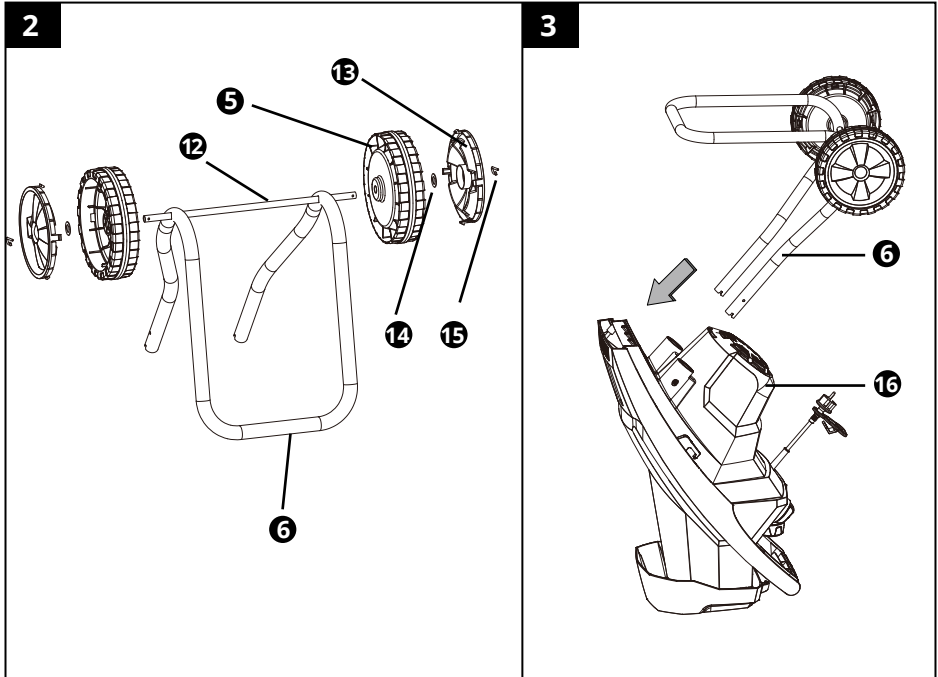
- 1 Hopper
- 2 Pusher
- 3 Bag mount
- 4 Collection bag
- 5 Wheel
- 6 Chassis
- 7 Mains lead
- 8 Reset button
- 9 Housing interlock
- 10 On/Off switch
- 11 Handle
- 12 Axle



Box contents

- Operating and safety instructions
- Shredder
- Chassis
- Collection bag
- Two wheels, wheel covers, and mounting materials
- Allen wrench
- Pusher


Assembly



- Slide the axle 12 into the chassis 6.
- Mount the two wheels 5 onto the chassis 6.
- Slide the two wheels 5 onto the chassis axle 12. Slip the washers 14 onto the axle and push the split pins 15 through the appropriate holes in the axle.
- Clip the wheel covers 13 onto the wheels.
- Rest the shredder 16 on the hopper 1 (upside down). Push the wheel chassis 6 into the two holes in the plastic housing of the shredder. Secure with the two screws provided.

Operation

Start up



 Check that the mains voltage matches the rating on the name plate.


Hook the collection bag  into the bag mounts .


ON/OFF operation

If your shredder is fitted with a long mains cable, plug it directly into the mains supply, using an RCD device if necessary.

Make sure that the funnel feeder is empty.


- Set the On/Off switch  to 'ON' to turn on the unit. To begin shredding, feed the material into the opening of the hopper.
- Set the On/Off switch  back to 'OFF' to turn off the unit. The shredder will continue to run for a few seconds after switching off.

 Avoid filling the collection bag too much. The bag will fill unevenly under the discharge duct!

- Turn off the unit.
- Remove and empty the collection bag .

Overload protection

In the event of overload, e.g. due to branches that are too thick, the equipment automatically switches off.

To restart the unit, wait a few minutes for the motor to cool down, press the Reset button , then turn on the unit.

Restart prevention

The unit will not automatically restart when the power returns after a power cut. To restart the unit, turn the ON/OFF switch to 'OFF' then back to 'ON'.

Usage

General working instructions



Keep all body parts at a safe distance away from the shredder when in use; long branches and other materials may move unexpectedly.



Wear ear and eye protection (PPE).

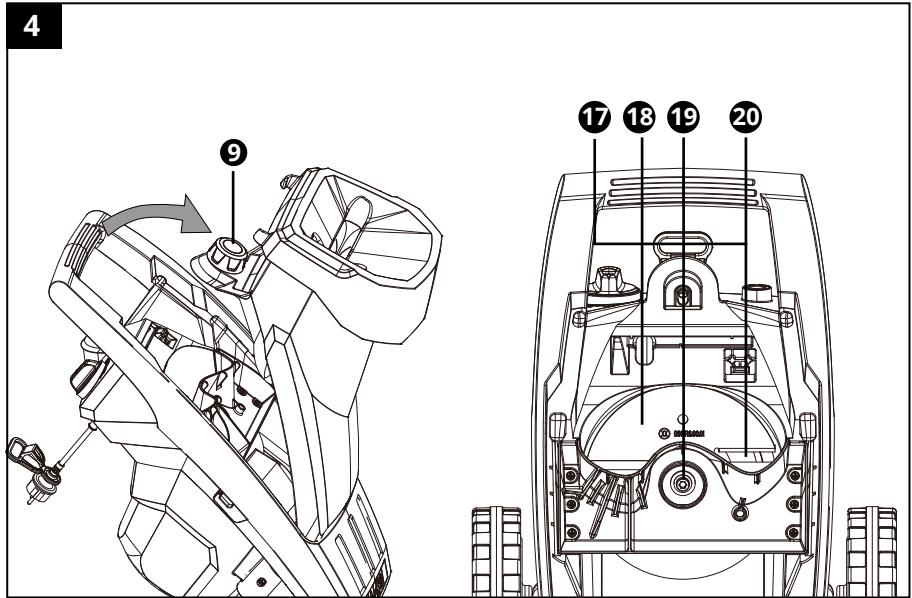


Wear hand protection.

- When feeding branches into the unit, keep holding them firmly until they are automatically drawn in.
- Adapt to the speed of the shredder and avoid overloading the unit.
- To avoid the unit clogging up, mix freshly cut branches or leafy material with drier materials, such as twigs.
- To prevent the blade from becoming blunt quickly, remove mud and stones from the roots before shredding.
- Do not shred but directly compost all soft and wet material, such as kitchen waste.
- Keep a couple of dry branches to use them for cleaning the unit at the end.
- Do not turn off the unit until all the material has passed the blade. Remaining material may otherwise block the blade when you restart the unit.

Usage

Clearing a blockage



Clearing a blockage, reversing, sharpening or replacing the blade



Before starting to service or clean the unit, turn it off, disconnect the power plug and wait until the blade comes to a standstill.

- Check that the power plug is removed from the mains supply.
- Unscrew the housing interlock 9.
- Tip forward the front part of the shredder housing. You can remove it completely and put it aside.
- You now have full access to the blade 20.
- Remove the blockage or remove the blade.

Usage

Reversing, sharpening and replacing the blade

- Use a screwdriver to block the blade plate 18. Slot the screwdriver into the access hole 20 and carefully turn the blade plate 18 until one of the two blocking apertures appear. Now block the blade plate 18 by slotting the screwdriver right through it.
- Use the allen key 17, you will find this in the recess in the housing of the shredder after you have removed the hopper housing, to loosen the allen bolt 19 in the centre of the blade plate 18. Remove the blade 20 from its seat.
- The blade can be reversed, otherwise sharpen or replace any blunt or damaged blades as necessary. Replacement blades can be obtained by calling the aftersales helpline.
- Refit the blade onto the blade plate ensuring it is seated in its correct position. Refit the washer and allen bolt and tighten securely.
- Refit the the hopper housing onto the shredder housing securely. The bottom of the hopper housing should be hooked into the main housing for a correct fit. Ensure the interlock retainer is tightened. The machine may not start if the housing has not been correctly fitted.

Maintenance

Maintenance and cleaning



Wear hand protection when working on the blade.



Before starting to service or clean the unit, turn it off, pull the power plug and wait until the blade stops. Otherwise there is a risk of injury from electric shock, fire and rotating blade.

General cleaning and servicing



Do not spray water onto the shredder.

Electric shock hazard.

- Always keep the shredder, wheels and air vents clean. Use a brush or cloth to clean it, avoid using cleaners and solvents.
- Always check the shredder, especially the guards to ensure they are not worn down or damaged, and firmly attach before use.
- Check that the nuts, bolts and screws are tight.
- Check the covers and guards for damage and improper attachment. If necessary, change the components.
- Keep the shredder in a safe, dry place out of children's reach. Do not cover the shredder in nylon bags, as moisture may develop.

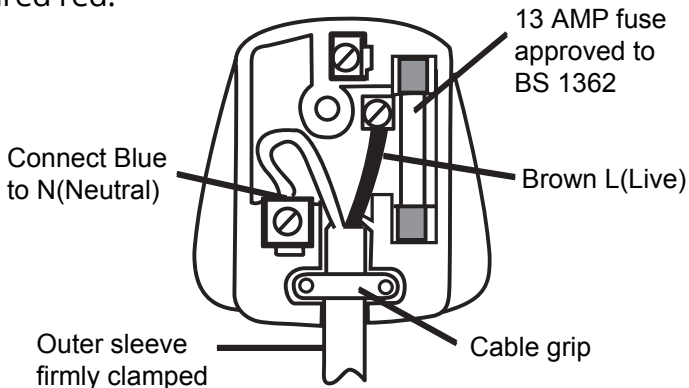
Plug replacement

If you need to replace the fitted plug, then follow the instructions below. **IMPORTANT:** The wires in the mains lead are coloured in accordance with the following code:

Blue – Neutral

Brown – Live

As the colours of the wire in the mains lead of this apparatus may not correspond with the coloured marking identifying the terminals in your plug, proceed as follows. The wire, which is coloured blue, must be connected to the terminal, which is marked with N or coloured black. The wire, which is coloured brown, must be connected to the terminal, which is marked L or coloured red.



WARNING: Never connect live or neutral wires to the earth terminal of the plug.

Only fit an approved 13 Amp BS 1363 or BS 1363/A plug and the correctly rated fuse.

If in doubt, consult a qualified electrician.

NOTE: If a moulded plug is fitted and has to be removed take great care in disposing of the plug and severed cable; it must be destroyed to prevent engaging into a socket.

Troubleshooting


General troubleshooting

The following table provides solutions to common problems encountered with the shredder :

Fault	Possible cause	Solution
Motor will not start	No mains power supply	Check the socket, cable, lead and plug for damage, and if necessary, have any damage repaired by qualified repair personnel
	Overload protection tripped	Wait until the motor has cooled down, then press the Reset button and restart the unit
	Lid of housing not closed properly	Tightly screw in the housing interlock
Garden waste is not drawn in	Shredding material is too soft	Use the pusher or add dry twigs/branches
	Unit blocked	See section 'Clearing a Blockage'
	Shredding material in discharge duct	Remove shredding material from discharge duct
Unit won't shred properly	Blade is blunt	Check and turn, sharpen or replace the blade as necessary (see section 'Sharpening, reversing and replacing the blade')

Technical Data

Technical data table

Specification	Value
Model	FD2402
Nominal power intake	2400W (P40)*
Nominal voltage	220-240V ~50Hz
Safety class	II / 
Degree of protection	IP24
Shredding diameter of branches	max. 40mm
Volume of collection bag	50 litres
Weight	12.5kg
Noise pressure level (LpA)	98dB(A) KpA=3dB
Noise performance level (guaranteed)	107dB(A)

* P40: Machine operated intermittently each cycle comprising a period of operation of 40s at rated power input and a period of 60s with the machine at no load.

Technical Data

Technical data table (continued)

* The maximum branch thickness that can be shredded is dependent on the type of wood and the quality of the material being cut.

For hard wood (e.g. oak/beech branches), the maximum branch thickness that can be shredded is less than for soft wood (e.g. pine/spruce wood). For dry or knotted wood, the cutting thickness may also be less.

The equipment is intended only for use in premises in which the current bearing capacity of the network is ≥ 100 A per phase and which are supplied by a distribution grid with a nominal voltage of 230/240V. If in doubt, check with your local electricity provider to verify that your mains socket has enough continuous current carrying capacity for this unit.

Noise and vibration values were determined according to the standards and stipulations mentioned in the declaration of conformity.

Technical or visual modifications may be carried out during our continuous product improvement programmes.

All dimensions, references and information of this instruction manual are, therefore, subject to change without prior notice. Legal claims, which are made on the basis of the instruction manual, cannot thus be considered as valid.

Disposal

Disposal and recycling



Do not dispose with household waste.



Recycle products and components according to local legal requirements.

Warranty

This product is covered by a 1 year warranty.

The warranty covers any manufacturing defect in materials, workmanship and finish.

Any claim under this warranty must be made by going to your nearest Homebase store, taking your proof of purchase with you, and claims must be made within 1 year of the date of purchase.

We will offer you a free repair of the item where this is possible, or a replacement or a refund. Your statutory rights remain unaffected, in particular any rights you may have under the Consumer Rights Act 2015.

This warranty is given by HHGL Limited, MK9 1BA, HHGL (ROI) Limited, D02 X576.

Please note: This warranty does not apply to products misused or neglected and only covers domestic use. It does not apply to commercial use of the product.

If you need help or have damaged or missing parts, call the Customer Helpline on 0343 515 1905.