

BIG BEAR[®]



12 month
Full
Manufacturer's
Warranty

SAFETY AND OPERATING MANUAL

2500W SHREDDER

BBB202SHR



BIG BEAR[®]



Congratulations on your purchase of a BIG BEAR power tool from Powersmith Ltd. We want you to continue getting the best performance from it so this handbook includes information on safety, handling and care. Please retain this handbook in case you need to refer to any of the information in the future.

Your BIG BEAR power tool comes with a 12-month guarantee, so should it develop a fault within this period contact your retailer.

GUARANTEE

This **BIG BEAR** product carries a guarantee of 12 months. If your product develops a fault within this period, you should, in the first instance contact the retailer where the item was purchased.

This guarantee specifically excludes losses caused due to:

- Fair wear and tear
- Misuse or abuse
- Lack of routine maintenance
- Failure of consumable items (such as batteries)
- Accidental damage
- Cosmetic damage
- Failure to follow manufacturer's guidelines
- Loss of use of the goods


This guarantee does not affect your statutory rights. This guarantee is only valid in the UK.

For further technical advice, spare parts or repair service (outside of guarantee) please contact the customer Helpline number on 0845 607 6380

2500W SHREDDER

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GENERAL SAFETY WARNINGS

 **Warnings!** 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.

- 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.
- Only use the product in the manner and for the functions described in these instructions.
- The operator or user is responsible for accidents or hazards occurring to other people or their property.
- The appliance should be supplied via a residual current device (RCD) with a tripping current of not more than 30mA is recommended.
- Never operate the product when you are tired, ill or under the influence of alcohol, drugs or medicine.

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.

Safety instructions

IMPORTANT **READ CAREFULLY BEFORE USE** **KEEP FOR FUTURE REFERENCE**

Safe operating practices

1) Training

Become familiar with the owner's manual before attempting to operate this equipment.

2) Preparation

- 1) Do not allow children to operate this equipment.
- 2) Do not operate this equipment in the vicinity of bystanders.
- 3) Wear ear protection and safety glasses at all times while operating the machine.
- 4) Avoid wearing clothing that is loose fitting or that has hanging cords or ties.
- 5) Only operate the machine in open space (e.g. not close to a wall or other fixed object) and on a firm, level surface.
- 6) Do not operate the machine on a paved or gravel surface where ejected material could cause injury.
- 7) Before starting the machine, check that all screws, nuts, bolts, and other fasteners are properly secured and that guards and screens are in place. Replace damaged or unreadable labels.
- 8) Before starting the product, make certain that the feed inlet is empty.
- 9) Do not operate the product in the vicinity of bystanders.

3) Operation

- 1) Keep your face and body away from the feed inlet opening.
- 2) Do not allow hands or any other part of the body or clothing inside the feeding chamber, discharge chute, or near any moving part.
- 3) Keep proper balance and footing at all times. Do not overreach. Never stand at a higher level than the base of the machine when feeding material into it.
- 4) Always stand clear of the discharge zone when operating this machine.
- 5) When feeding material into the machine be extremely careful that pieces of metal, rocks, bottles, cans or other foreign objects are not included.
- 6) If the cutting mechanism strikes any foreign objects or if the machine should start making any unusual noise or vibration, shut off the power source

and allow the machine to stop. Disconnect from supply and take the following steps:

- inspect for damage.
 - check for and tighten any loose parts.
 - have any damaged parts replaced or repaired with parts having equivalent specifications.
- 7) Do not allow processed material to build up in the discharge zone; this may prevent proper discharge and can result in kickback of material through the feed intake opening.
 - 8) If the machine becomes clogged, shut-off the power source and disconnect from supply before clearing debris. Keep the power source clear of debris and other accumulations to prevent damage to the power source or possible fire. Remember that operating the starting mechanism on engine powered machines will still cause the cutting means to move.
 - 9) Keep all guards and deflectors in place and in good working condition.
 - 10) Do not tamper with the power source governor settings; the governor controls the safe maximum operating speed and protects the power source and all moving parts from damage caused by over-speed. Seek authorised service if a problem exists.
 - 11) Do not transport this machine while the power source is running.
 - 12) Shut off the power source and disconnect from supply whenever you leave the work area.
 - 13) Do not tilt the machine while the power source is running.
 - 14) When feeding material into the product be extremely careful that the mains cable is not accidentally fed into the product.
 - 15) Keep hands and feet away from the cutting means at all times and especially when switching on the motor.
 - 16) Do not touch the cutting means before the machine is disconnected from the supply and the cutting means have come to a complete stop.

17) Whilst using the product ensure the cable does not become trapped under the wheels or support feet.

4) Maintenance and storage

- 1) When the machine is stopped for servicing, inspection, or storage, or to change an accessory, shut off the power source, disconnect from supply, make sure that all moving parts have come to a complete stop and, where a key is fitted remove the key. Allow the machine to cool before making any inspections, adjustments, etc.
- 2) When servicing the cutting means 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.
- 3) use only approved replacement parts.

5) Additional safety instructions for units with bagging attachments

- 1) Shut-off the power unit before attaching or removing the bag.

SYMBOLS



Warning!



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



Read the manual



SWITCH OFF: Remove plug from mains before cleaning or maintenance



Wear ear protection



Wear eye protection



Remove plug from the mains immediately if the cable is damaged or cut.



Wear dust mask



Wear gloves



Wear foot protection



WEEE marking



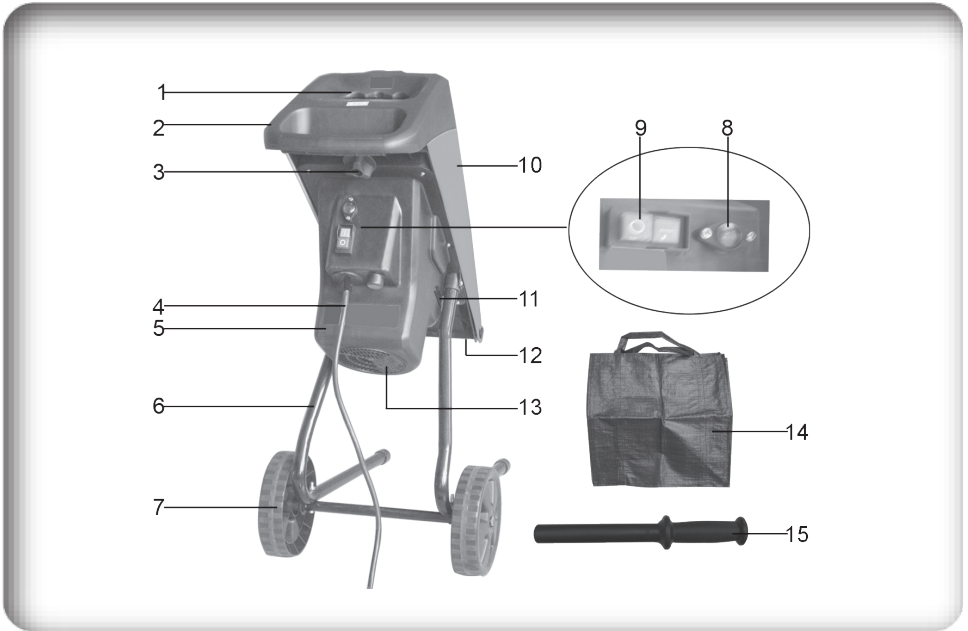
Conforms to relevant safety standards



Do not expose to rain.



Keep bystanders away.



1 FEED INLET

2 HANDLE

3 HOPPER LOCKING KNOB

4 CABLE

5 MOTOR HOUSE

6 UNDERCARRIAGE

7 TRANSPORTATION WHEELS

8 RESET BUTTON / OVERLOAD PROTECTOR

9 ON/OFF SWITCH

10 HOPPER

11 HOOK

12 EJECTION SLOT

13 VENTILATION SLOTS

14 DUST BAG

15 PUSH STICK

2500W SHREDDER

BBB202SHR

TECHNICAL SPECIFICATIONS

| | |
|-------------------------|-----------------------|
| Operation voltage: | 230-240V~50Hz |
| Input power: | S1:2000W,S6(40%)2500W |
| Water protection class: | IPX4 |
| No load speed: | 2800min ⁻¹ |
| Max cutting diameter: | 45mm |
| Cable length: | 3m |
| Machine weight: | 19.6Kg |

NOISE DATE

| | |
|-------------------------------|----------|
| Sound pressure level: | 90dB(A) |
| Guaranteed sound power level: | 101dB(A) |

ACCESSORIES

| | |
|----------------|-----|
| Push stick | 1pc |
| Collection bag | 1pc |
| Spanner | 1pc |
| Allen key | 1pc |

BEFORE USE AND OPERATION

INTENDED USE

This shredder is designed for cutting of fibrous and woody garden waste for composting.

ASSEMBLING

- Remove all parts from package.
- Insert the two undercarriages to the housing, align the holes on the housing and undercarriage, and fix the undercarriages with 2 blocking bolts (A) using supplied 6mm hex key. (Fig A-B)



Fig A

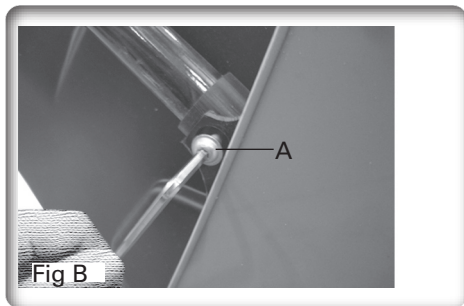


Fig B

- Assemble the wheel axle to the undercarriage; Insert the wheels on the axle (Fig C-E)



Fig C

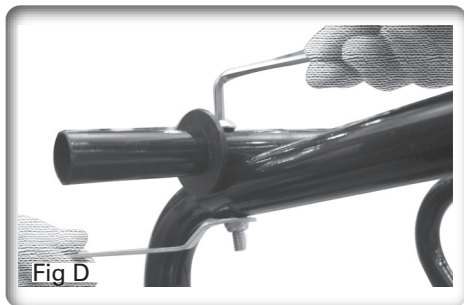


Fig D

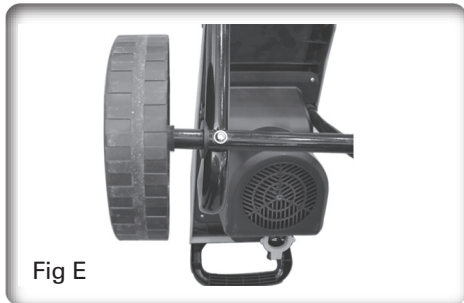


Fig E

- Fix the wheel hub (B) into the wheel, knock on it with hammer or similar thing until most part is insert into the wheel axle. There may be some clearance between the wheel and the hub, it is not necessary to press it to the bottom (Fig F).

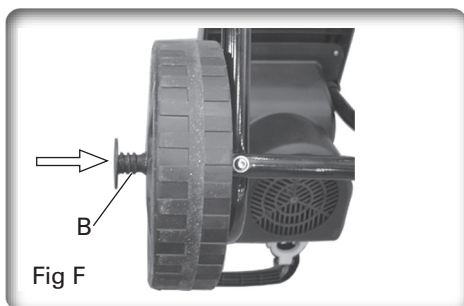


Fig F

- When disassembling the wheel, step on the undercarriage or wheel with one foot, then pull the other wheel with your two hands.(see Fig G)



Fig G

- Open the supplied dust bag, hang strips of the bag on to the hooks (11). Locate it under the discharge chute for collect the ground material.(see Fig H)



Fig H

BEFORE USE

Always use the correct supply voltage

The power supply voltage must match the information quoted on the tool identification plate.

1. We recommend that you always use the appliance supplied via a **Residual Current Device (RCD)** with a tripping current of not more than 30mA.
2. Use only extension cables suitable for outdoor use, preferably with a high visibility cord colour. With the following specification:

- For extension cables up to 25 meters, use a wire cross section of 1.5mm²
 - For extension cables over 25 meters and less than 40 meters, use a wire cross section of 2.5mm²
3. Always completely unwind cable reels.

Starting and Stopping

The machine is equipped with a safety switch to prevent it from being switched on again accidentally after a power failure.

Starting

- Press the green button to switch the shredder on.

Stopping

- Press the red button to switch off.

OVERLOAD PROTECTION

Overload (e.g. blocking up of the cutting blades) leads to a standstill of the machine after a few seconds. To protect the motor from being damaged, the overload switch will cut the mains automatically. Wait at least 1 minute before restarting by first pressing the reset button(8) and then the on/off switch(9).

SAFETY INTERLOCK

The shredder is fitted with safety switch on the closure between the hopper and lower plate.

When the hopper is open or not fitted well, the machine will not run.

Note: Make sure the hopper was fitted well, after you check the hopper.

OPERATION

Checking the plate hopper and blade (Fig I-J)

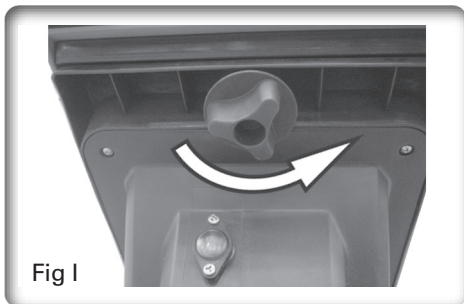


Fig I

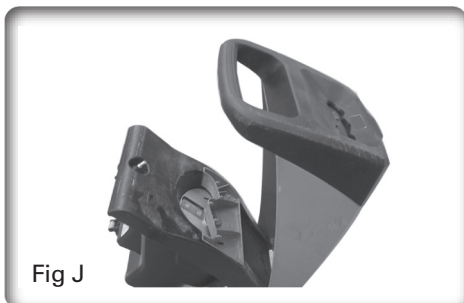


Fig J

⚠ Warning! Always wear glove when cleaning or replacing blade.

1. Ensure the switch is turned off, disconnect the plug from mains
2. Unscrew the knob anticlockwise and open the hopper.
3. Clean cut and discharge area and remove wood sticks or objects with may clog the blades.
4. Check the blade, when you find the blade was damaged or blunt, Call help line to get the spare blade.
5. Re-place the hopper and tighten up the knob before operate the machine.

Blade replacement (See Fig K)

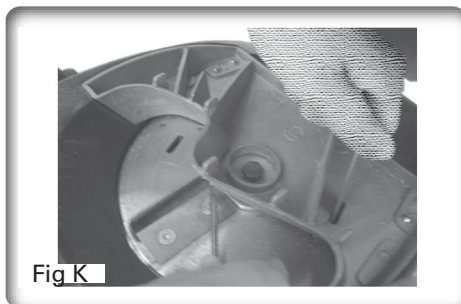


Fig K

The reversible blade are fixed to rotary plate with two screws, before any maintenance or cleaning work on the blades, always turn the switch off and disconnect the plug from the mains.

⚠ Warning! The blade replacement should be carried out by qualified people. Regrinding or Sharpening of the blades is not recommended unless completed by a service agent or a similarly qualified person.

Align the slots on the board and the blade support; insert the end of the supplied spanner into slots to prevent rotating when replacing the blade, then use the supplied hex key to unscrew the screws. **Note: Always use the original spare part for replacement.**

Shredding material (See Fig L)



Fig L

Feed the material to be chopped into the right side of the feeding funnel, the material is pulled in by the cutting blade automatically.

Caution! Longer material standing out from the machine could lash out when being pulled in by the blades! Keep at safety distance!

Caution! When using the machine and feeding branches into the shredder, sometime the blades snatch and pull the material into the machine. Watch out your hand as it could cause serious injury.

Only insert as much material so as to prevent blockage of the feeding funnel. Chop garden waste that has been stored for some days and is wilted and damp alternately with branches. This prevents the cutting blades from blocking up. Do not fill soft waste such as kitchen rubbish into the shredder but compost them.

Widely branched material with leaves must be completely chopped before new material is fed.

Take care that the chopped material can fall freely from the ejection slot - danger of backing up!

Caution! The ventilation must not be covered

ADVICE ON SHREDDING

- Heavy material or branches result in blocking of the cutting blades during continuous cutting.
- Soft materials, such as leaves or stems may block the feeding opening. Feed the soft material using the supplied push bar.
- Always feed the material to be chopped from the right corner of the feeding funnel.
- Check the material to be chopped carefully. Make sure there are no stones or nails as these could damage the shredder seriously.
- Check for signs of vibration. Heavy vibration is caused by damaged or worn blades. Change the blades if necessary.

MAINTENANCE

- Take care of your machine and clean it regularly to obtain long-lasting efficiency and performance.
- Keep the air vents clean and free from dust.
- Use only a warm damp cloth and a soft brush to clean your machine.
- Never wet or spray water on the machine.
- Do not use detergents or solvents as these could cause irreparable damage to your machine. Chemicals can destroy the plastic parts.
- The tightness of the fastening screws of the undercarriage should be checked from time to time.
- To protect the shredder from corrosion when storing for a longer period, treat the cutting blade with harmless oil to the environment.

TROUBLESHOOTING

| Problem | Possible cause | Fault correction |
|---|--|---|
| The motor does not run | The overload protection has responded | Press the reset button, keep the on/off switch pressed to switch on the shredder on after a short period |
| | Power failure | Check the power supply cord, the plug and the house fuse |
| The material to be chopped is not pulled in | The material is jammed in the feed inlet | Disconnect the supply and open the hopper, pull the material from the feed inlet. Re-place the hopper |
| | The cutting blade is blocked | Disconnect the supply and open the hopper, and open the blade cover, remove the block material, re-place the blade cover and hopper |
| | The discharge chute is blocked | Disconnect the supply and open the hopper, open the plate of the discharge chute and clear the jammed material |

ENVIRONMENTAL PROTECTION



Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice. For further information visit www.recycle-more.co.uk

PLUG REPLACEMENT

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:

Green & yellow - Earth

Blue - Neutral

Brown - Live

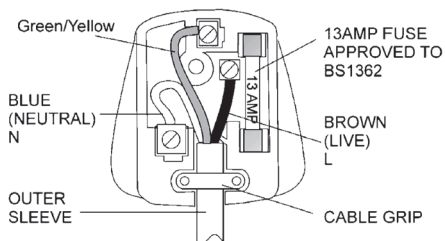
As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows. The wire which is coloured **green & yellow** must be connected to the terminal which is marked with E or \perp .

The wire which is coloured blue must be connected to the terminal which is marked with **N**. The wire, which is coloured brown, must be connected to the terminal, which is marked with the letter **L**.

Warning: Never connect live or neutral wires to the earth terminal of the plug. Only fit an approved 13 Amp BS1363/A plug and the correct rated fuse.

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.

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



BIG BEAR[®]

Declaration of Conformity

We importer
Powersmith Ltd.
BA22 8RT

Description **2500W/45mm Shredder**
Type **BBB202SHR**

Declare that the product

Complies with the essential health and safety requirements of the following directives:

| | |
|--|---|
| EC Machinery Directive | 98/37/EC until December 28th 2009 and then with 2006/42/EC from 29th December 2009 |
| EC Low Voltage Directive | 2006/95/EC |
| EC Electromagnetic Compatibility Directive | 2004/108/EC |
| Noise Emission in the Environment by Equipment for Use Outdoors Directive | 2000/14/EC amended by 2005/88/EEC |
| Restrictions of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment | 2002/95/EC |
| Waste Electrical and Electronic Equipment (WEEE) | 2002/96/EC and 2003/108/EC |

The conformity assessment followed was according to Annex III of the directive for equipment listed in schedule 1 / article 13 the chosen conformity assessment route

Internal control of production (schedule 10 / Annex V)

Notified body: TUV Rheinland Product Safety GmbH

Notified Body Identification Number: 0197

- Measured Sound Power Level

96.45dB

- Declared Guaranteed Sound Power Level

101dB

Standards conform to:

EN 60335-1:2002+A11+A1+A12+A2+A13

EN 13683:2003

EN 13683:2003/pr A1:2007

EN 50366:2003+A1:2006

ISO 3744:1995

ISO 11094:1991

EN 55014-1:2006

EN 55014-2:1997+A1:2001

EN 61000-3-2:2006

EN 61000-3-11:2000

Authorised Signatory and technical file holder

Date: 01/04/09

Signature: P.C. Harries

Name: Peter Harries

Powersmith Ltd. Trade House, Mead Avenue, BA22 8RT

Quality Manager



ISSUE DATE: REV5-APR09

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