



**SPEAR &  
JACKSON**

# ORIGINAL INSTRUCTION MANUAL

## ELECTRIC QUIET SHREDDER

**SDS2810**



**Important - Please read these instructions  
fully before starting assembly**

These instructions contain important information that will help you get the best from your shredder, ensuring it is assembled correctly and safely. If you need help or have damaged or missing parts, call the Customer Helpline on 0345 605 2068

**AFTER SALES SUPPORT  
0345 605 2068**

# SPEAR & JACKSON SINCE 1760

For more than 250 years gardeners have enjoyed high quality performance and great results using Spear & Jackson tools.

Our garden power tools combine continuous innovation and the latest in manufacturing technologies with a proud heritage.

Each product is carefully designed with performance, comfort and durability firmly in mind, which has earned Spear & Jackson an enviable reputation as a maker of tools to trust.

## 3 YEARS GUARANTEE

As a testament to the quality of our products, we offer a 3 year manufacturers warranty and a comprehensive after sales service.

The warranty covers manufacturing faults, however in the event that the item has been deliberately damaged, used in a commercial environment or disassembled then the warranty will be null and void.

Please retain proof of purchase.

## 7 DAYS A WEEK TECHNICAL SUPPORT

We want you to get the best out of your products. Our easy-to-read instruction manual guides you with best practice use and maintenance tips. Please call **03456 052 068** for technical support, we can solve around 80% of questions directly over the phone.

We hope you enjoy your product and we look forward to any feedback, as this allows us to develop even better products for the future.

# CONTENTS

<b>Safety Information</b> .....	<b>4</b>
Intended Purpose.....	4
Description Of Symbols.....	4
General Safety Safety .....	5
Electrical Safety .....	6
Personal Safety.....	6
Operational Safety .....	7
Maintenance and Storage Safety .....	8
Operating Safety .....	9
<b>In the Box</b> .....	<b>10</b>
Parts.....	10
<b>Assemble</b> .....	<b>11</b>
<b>Prepare</b> .....	<b>12</b>
<b>Operate</b> .....	<b>13</b>
<b>Maintenance</b> .....	<b>14</b>
<b>Technical Data</b> .....	<b>16</b>
<b>Trouble shooting</b> .....	<b>18</b>
<b>Warranty</b> .....	<b>19</b>

# SAFETY INFORMATION

## INTENDED PURPOSE

The following warning symbols appear throughout this assembly manual and indicate the appropriate safety measures you should take when assembly and operating the Shredder.

## DESCRIPTION OF SYMBOL



Warning! Beware of hazards. Take special care to avoid injury or damage.



Read the manual.



Wear ear and eye protection.



Wear hand protection.



Do not expose the unit to rain.



Caution! Switch off the motor and disconnect from the mains before adjustment or cleaning work, or if the flex is caught or has been damaged.



Warning! Danger of injury from rotating blade.



Keep your hands and feet away from the hopper funnel while the shredder is in operation.



Warning! Danger from thrown objects. Keep your distance from the funnel and ejection area, and keep others away from the danger area.



Wait until all machine components have completely stopped before touching them.



Warning! Electric shock hazard.



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



Guaranteed noise power level



Do not dispose of electrical equipment in the domestic waste.



Safety class II

**IP24** Protection against contact with the fingers

## SAFETY INFORMATION

and solid foreign bodies with  $\varnothing > 12$  mm as well as protection against splashed water from all directions.

**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

**CE** The product complies with the applicable European directives and an evaluation method of conformity for these directives was done.

## GENERAL SAFETY



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

- The device must not be used by people (including children) with limited physical, sensory or mental faculties or who lack the necessary experience and/or knowledge - unless they are supervised by a person responsible for safety or are being instructed to operate the shredder by such a person.
- 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.
- 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.

# SAFETY INFORMATION

## 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 the manufacturer, a customer service agent of the same or a similarly 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 our a qualified technician.
- Only use extension cables that have been approved for outdoor use and are

resistant to splash water. The core diameter for extension cables measuring up to 25 m must be at least 1.5 mm<sup>2</sup>, and 2.5 mm<sup>2</sup> for cables longer than 25m. Always roll the whole cable off the reel before use. Check the cable for damage.

- Do not unplug the shredder pulling on the cable, only pull the plug itself. Keep the cable away from heat, oil and sharp edges.

## PERSONAL SAFETY

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

- Never use the shredder with other persons or animals nearby.
- Wear hearing and eye protection 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.

## SAFETY INFORMATION

- Only use the shredder in the open (that is, 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 stickers.
- Only use replacement parts and accessories supplied and recommended by the manufacturer. Using thirdparty parts will immediately invalidate the guarantee.
- Do not leave the shredder working unattended and keep it in a 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 not more than 30 mA.

- 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.
- Shut-off the power unit before attaching or removing the box.
- Keep all guards and deflectors in place and in good working condition.

## OPERATIONAL SAFETY

- 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

- 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 and in bad weather. Work in daylight or under good 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 pull the plug 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, if the shredder is

making 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.

## MAINTENANCE AND STORAGE SAFETY



### WARNING!

- To ensure the appliance safety, use only original spare parts from the manufacturer or approved by the manufacturer.
- Retrofitting or making any unauthorized changes to the machine, as well as the use of unapproved parts will invalidate your warranty.
- Do not attempt to repair the appliance yourself. All work not indicated in these instructions is to be carried out only by service stations authorized by us.

## SAFETY INFORMATION

- Store the appliance in a dry location and out of reach of children.
- Handle the appliance with care. Keep the appliance clean for save and more efficient working. Follow the maintenance directions.

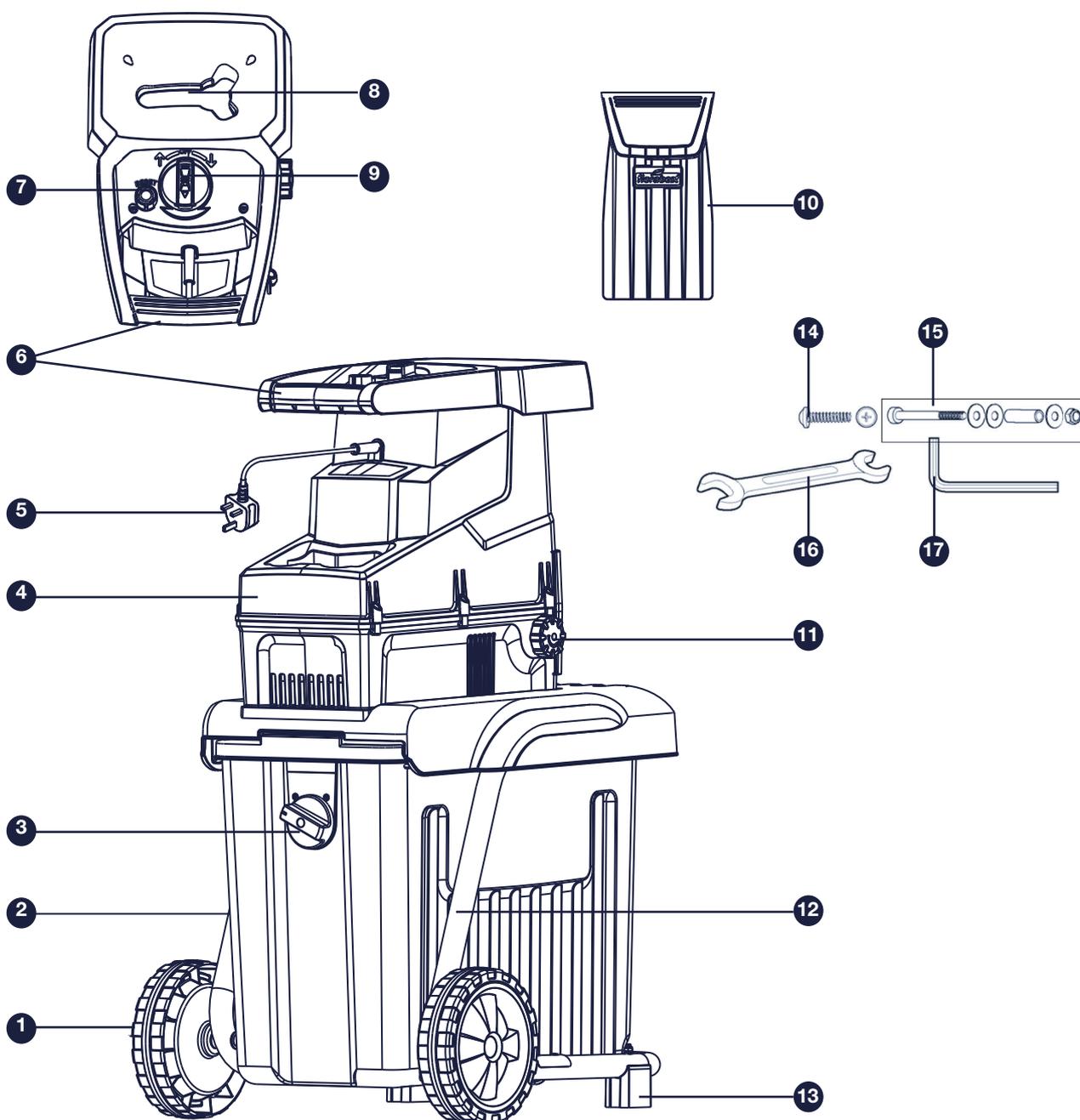
## OPERATING SAFETY

- The silent shredder is equipped with a powerful motor and motor brake, overload protection with an auto-reverse system, and restart prevention for additional safety. A blade cylinder system is used for cutting, which works extremely quietly and automatically draws in the shredding material. The sturdy chassis ensures a stable standing position with good mobility.
- Refer to the following descriptions for a functional description of the various components and controls.

# IN THE BOX

## PARTS

- |                                |                            |                                   |  |              |
|--------------------------------|----------------------------|-----------------------------------|--|--------------|
| 1 Wheels                       | 5 Mains cable              | 9 Operating mode selection switch | 13 Feet                                  | 16 Spanner   |
| 2 Collection box               | 6 Transport handle         | 10 Pusher                         | 14 Screw*4 (for body fix on the CHASSIS) | 17 Allen key |
| 3 Collection box safety switch | 7 Reset switch             | 11 Cutting blade adjustor knob    | 15 Screw*2 (for wheels)                  |              |
| 4 Shredder unit                | 8 Hopper funnel feed inlet | 12 Chassis                        |  |              |



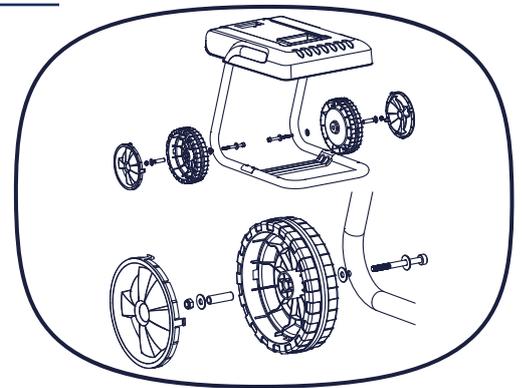
# ASSEMBLE

## 1 Unpacking

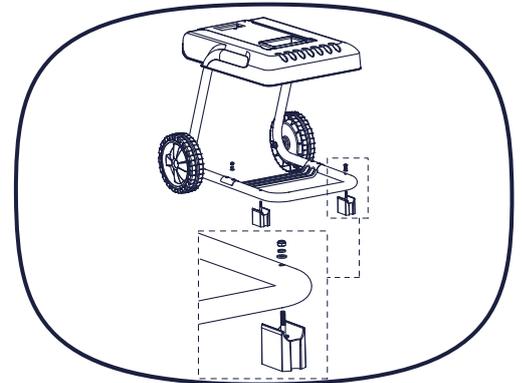
- i. Unpack all parts and lay them on a flat, stable surface.
- ii. Remove all packing materials and shipping devices if applicable.
- iii. Make sure the delivery contents are complete and free of any damage. If you find that parts are missing or show damage do not use the product but contact the aftersales helpline within 28 days of purchase. Using an incomplete or damaged product represents a hazard to people and property.
- iv. Ensure that you have all the accessories and tools needed for assembly and operation. This also includes suitable personal protective equipment.

## 2 Mount the foot and wheel

- i. assemble the two wheels, clip the wheel covers into the wheel.

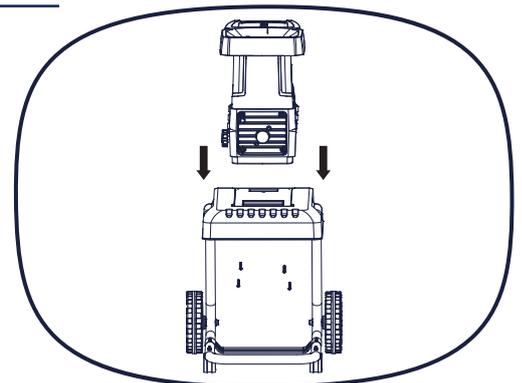


- ii. Screw on the two stable feet to the chassis.



## 3 Place shredder unit on the chassis

- i. Fix the Shredder unit onto the chassis with the four screws enclosed.



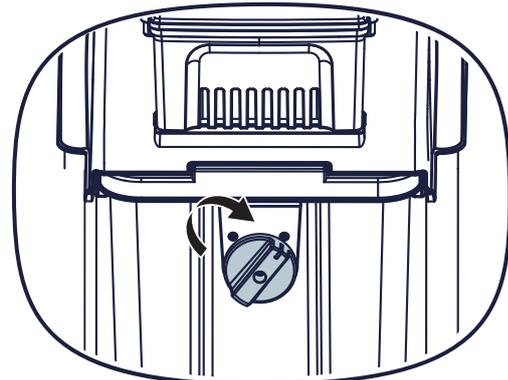
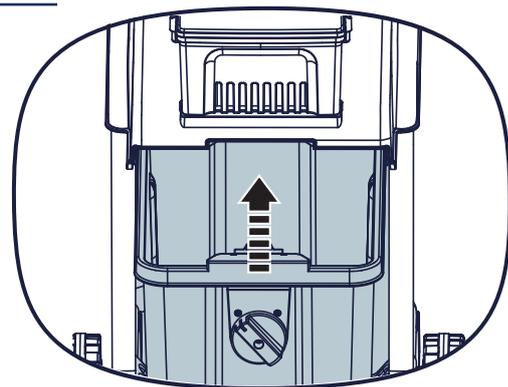
## ASSEMBLE

### 4 Insert the collection box

i. insert the collection box when the safety switch in “unlock” position.

ii. Lock the collection box by rotating the safety switch to “lock” Position.

**Note:** The box must be locked firmly, otherwise the shredder can not power on.



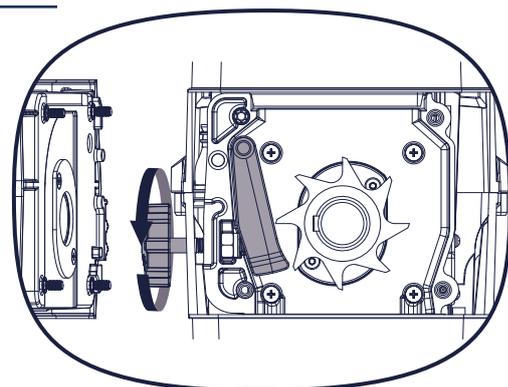
## PREPARE

### 1 Cutting blade gap adjust

i. Slowly rotate the adjustment knob clockwise 1/2 turn, the pressure plate is advanced towards the blade while the blade is moving.

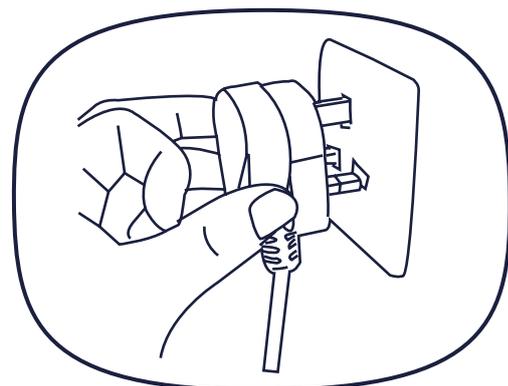
ii. Check cutting performance by feeding a woody branch into the shredder - it should be cut through correctly into pieces approximately 3cm in length.

iii. Original setting position is in the middle.



### 2 Connection to the power supply

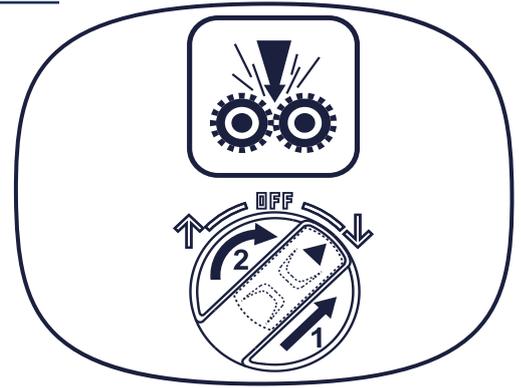
i. Connect the plug to the main socket.



# OPERATE

## 1 Switch on/off

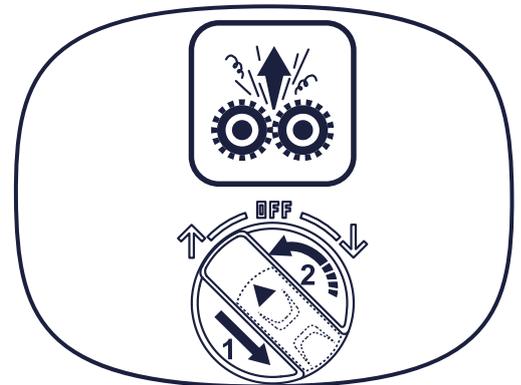
- i. To switch on, push the safety lock forward and turn the switch to the right.
- ii. To switch off, turn the switch to the “OFF” position..



## 2 Freeing jams

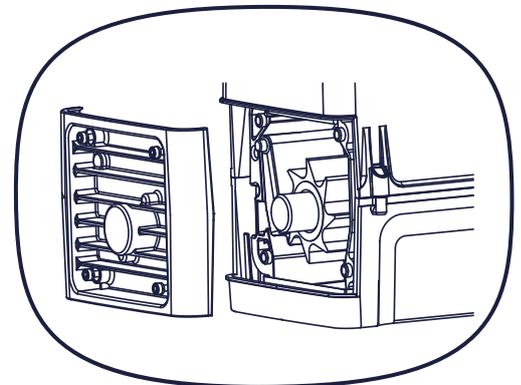
Depending on the degree different measurement must be taken to free a jam. Light jams can be freed by using the reversed mode while bigger jams require opening the roller housing.

- i. push the safety lock downward.
- ii. Turn the on/off switch left to the stop and hold it in position. The reverse function will free the jam.



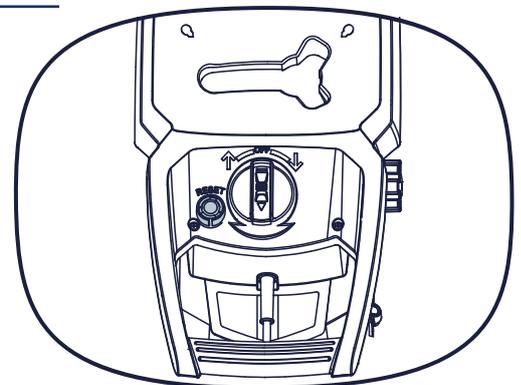
## Opening the roller housing

- i. Loosen the screws to remove the housing cover.by allen key. This may require light shaking movements.
- ii. Remove the blockage
- iii. Fix the housing cover back to the product using the screws. Ensure it's positioned correctly.



## 3 Overload protection

- Overload protection will be activate in following issue
- i. A build up of shredded material around the cutting disc.
  - ii.the material bring shredded is greater then the motor capacity.
  - iii.Where there is too much resistance against the cutting blade. When Overload protection be activate, press the thermal reset switch, turn the on/off switch to “off” then back to “on”



## **Cleaning**

Make sure the product is switched off, cooled down and disconnected from power supply.

- i. Clean the product with a dry cloth. Use a brush for areas that are hard to reach.
  - ii. In particular clean after every use with a cloth and brush.
  - iii. Remove stubborn dust with compressed air (max. 3 bar).
  - iv. Check for any damage and wear. Repair damages in accordance with this instruction manual or bring it to an authorized service centre before using the product again.
- 

## **Storage**

Store the product and its accessories in a dry, frost-free place.

- i. Always store the product in a place that is inaccessible to children. The ideal storage temperature is between 10 and 30°C.
- ii. best results, cover the product with a dust sheet to protect it against dust.

The max. branch thickness that can be shredded is dependent on the type of wood and the quality of the goods being cut.

For hard wood (e.g. oak/beech branches), the max. 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 sound levels have been determined in accordance with noise measuring process EN 13683:2009-09, appendix F.

The equipment is intended for use only in premises having a minimum current capacity equal to or greater than 100A per phase supplied from a distribution network having a nominal voltage of 230V. You may need to check with your electricity provider if in any doubt. Noise and vibration values were determined according to the standards and stipulations mentioned in the declaration of conformity.

Further technical or cosmetic changes may be carried out by the manufacturer without notice due to ongoing product improvement programs. References made in this manual may therefore sometimes vary. Legal claims, which are made on the basis of the instruction manual, cannot thus be considered as valid.

## TECHNICAL DATA

Specification	Value
Silent shredder.	SDS2810
Nominal power intake	2800W(P40)
Nominal voltage	220-240V~ 50Hz
Safety class	II
Degree of protection	IP24
Branch thickness	Max 42 mm
Collection box content	Approx 60 L
Weight	22 kg
Sound power level Measured (LWA)	96.3 dB(A); KwA = 2.4 dB(A)
Guaranteed	99 dB(A)

Part numbe: 7501935(SDS2810)	ACCESSORIES
181005116.	Blade
181005134	Pressure Plate

# TECHNICAL DATA

## Recycling and Disposal

The product comes in a package that protects it against damage during shipping. Keep the packaging until you are sure that all parts have been delivered and the product is functioning properly. Recycle the packaging afterwards.

Old products are potentially recyclable and do not, therefore, belong in your household rubbish.

You are requested to assist us and our contribution to saving resources and protecting the environment by handing in this product at an equipped collection centre (if there is one available).



# TROUBLESHOOTING

Fault	Possible Cause	Solution
Motor will not start	Collection box not fitted correctly	Push the collection box firmly to its correct position, and place the safety switch on the box to the ON position.
	Overload protection	To switch back on, start by turning the operating mode selection switch to the "OFF" position. Press the reset switch . Switch the device back on.
	No mains power supply	Check the socket, cable, lead ,plug and fuse in the plug for damage, and if necessary, have any damage repaired by qualified repair personnel.
Motor starts and stops immediately	Cylinder running in reverse	Change rotational direction using the switch
	Shredding material is too soft	Insert wood or shred dried branches
	Shredder blade remains jammed	Clear the jam (See section on operation)
Shredding material comes out in chains	Pressure plate is incorrectly adjusted	Readjust the pressure plate (See section on adjusting the pressure plate)

# WARRANTY

If your device develops a fault, please don't hesitate to contact our customer service department on 03456 052 068, the majority of problems can be solved directly on the phone.

1. These warranty terms cover additional warranty rights and do not affect your statutory warranty rights. This product is covered by a 3 year manufacturer warranty.
2. Claims must be accompanied by proof of purchase. This must be in the form of a Sales receipt or bank statement and must show that the product has been purchased within the warranty period as described under point 1, from the retailer that it was originally bought from. Please keep your receipt safe or staple it to the back of this manual for future reference.
3. Our devices have not been designed for commercial, trade or industrial applications, any signs of use of the equipment in these application or equivalent activities, invalidates the warranty.
4. The following are also excluded from our warranty:
  - A. Faults due to accidents, customer misuse or unauthorized repairs
  - B. Consumable Parts such as blades, wheels, and other accessories that are compatible with the product.
  - C. Failure due to lack of routine maintenance.
  - D. Failure as a result of not using the equipment in accordance with the manual and safety instructions.

Warranty claims should be submitted before the end of the warranty period, see point 1. The original warranty period remains applicable to the device even if repairs are carried out or parts are replaced. In such cases, the work performed or parts fitted will not result in an extension of the warranty period, and no new warranty will become active for the work performed or parts fitted.

If you have any problems or questions concerning your garden power tool, please contact our after sales service at 03456 052 068.