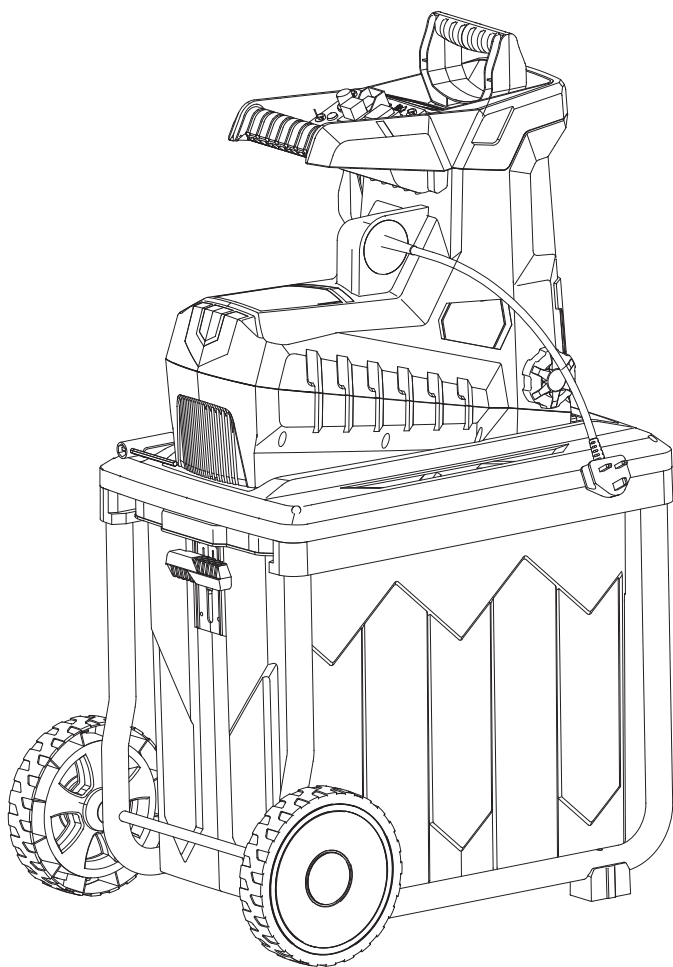




EN ORIGINAL INSTRUCTIONS

IMPORTANT - These instructions are for your safety.
Please read through them thoroughly prior to handling
the product and retain them for future reference.

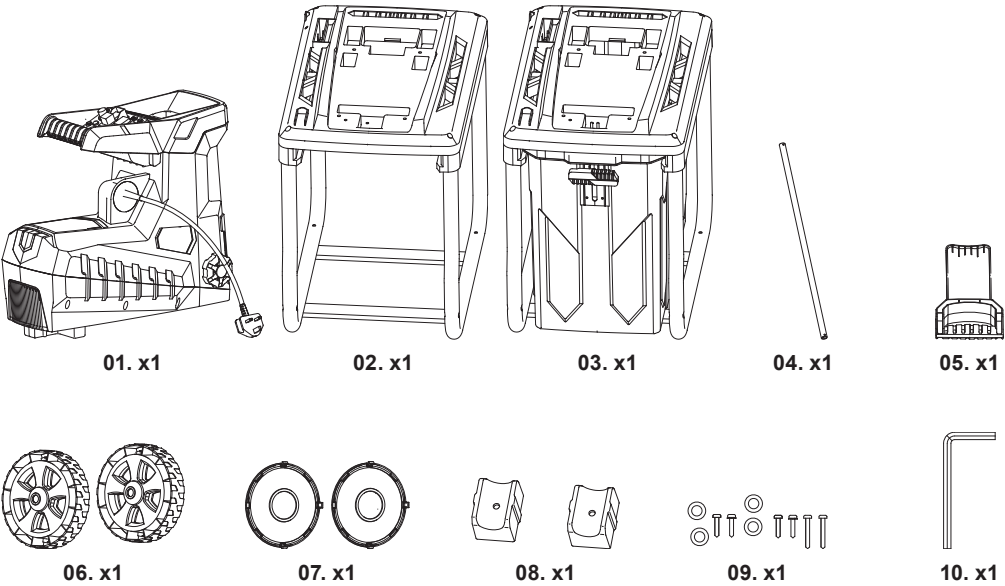


V10323_5063022106070_MAND1_2223

EN Electric Silent
Shredder 2800W

MQS2800-3
5063022106070
5063022106438
TTSHR2800
5063022105950
5063022106612

EN Parts



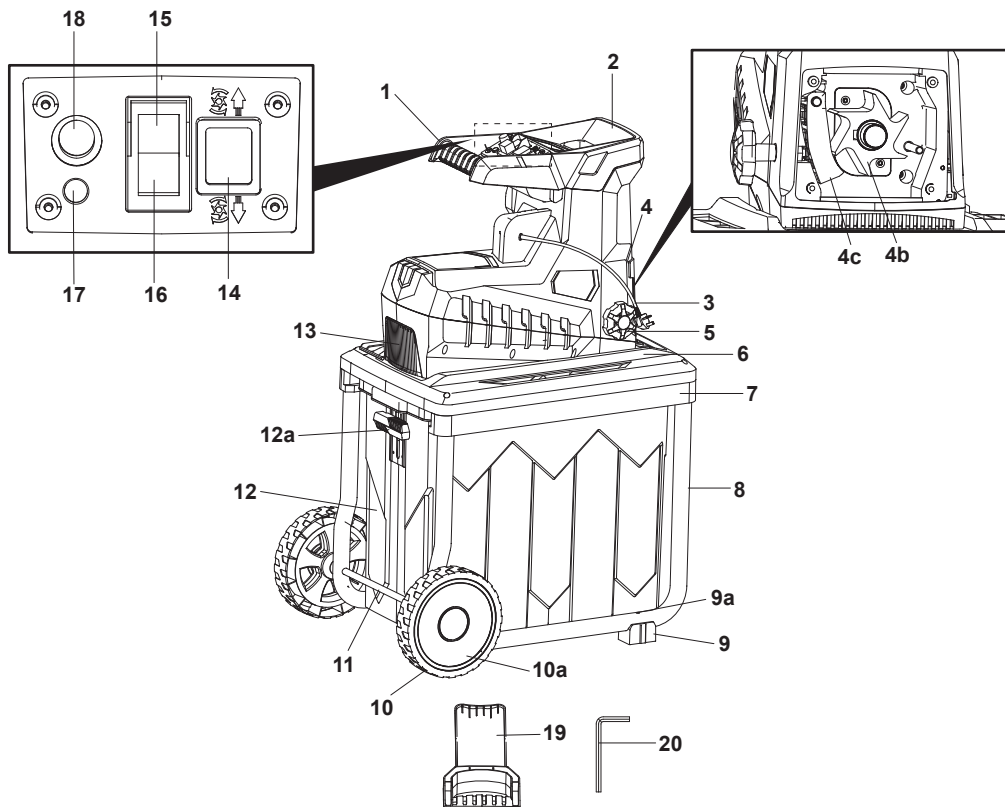
EN You will need



EN Contents

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EN Product description



- | | | |
|----------------------------|----------------------|------------------------------|
| 1. Transportation handle | 8. Frame | 12. Collection box |
| 2. Feeding funnel | 9. Foot support (x2) | a. Interlock switch |
| 3. Power cord with plug | a. Long screw | b. Recessed grip* |
| 4. Blade compartment guard | 10. Wheel (x2) | 13. Air vents |
| a. Mounting bolt* (x4) | a. Cover | 14. Forward / reverse switch |
| b. Cutting blades | b. Washer* (x2) | 15. ON switch "I" |
| c. Cutting plate | c. Latch* (x4) | 16. OFF switch "O" |
| 5. Adjustment knob | d. Slot* (x4) | 17. Power indicator |
| 6. Discharge chute* | e. R-clip* | 18. Reset button |
| 7. Base plate | 11. Wheel axle | 19. Plunger |
| a. Screw assembly* (x4) | | 20. Hex key |



NOTE: Parts marked with * are not shown in this overview. Please refer to the respective part in the instruction manual.



EN Safety

- a) This machine shall not be used by children. Children should be supervised to ensure that they do not play with the machine.
- b) Cleaning and user maintenance shall not be made by children without supervision.
- c) Disconnect the machine from the power supply and allow it to cool down before cleaning, maintenance, storage and transportation.
- d) Protect the electrical parts against moisture. Do not immerse such parts in water or other liquids to avoid electrical shock.
- e) 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.



WARNING! This machine must be earthed! Use only three core extension cords with the earth wire connected.



IMPORTANT!

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

Safety instructions for powered shredder/ chipper

Training

- a) Read the instructions carefully. Be familiar with the controls and the proper use of the machine.
- b) Never allow children, persons 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.
- c) Keep in mind that the operator or user is responsible for accidents or hazards occurring to other people or their property.

Preparation

- a) Obtain ear protection and safety glasses. Wear them at all times while operating the machine.
- b) While operating the machine, always wear substantial footwear and long trousers. Do not operate the machine when barefoot or wearing open sandals. Avoid wearing clothing that is loose fitting or that has hanging cords or ties.
- c) To prevent dust irritation the wearing of a face mask is recommended.
- d) Operate the machine in a recommended position and only on a firm, level surface.
- e) Do not operate the machine on a paved or gravel surface where ejected material could cause injury.
- f) Before using, always visually inspect to see, that the cutting blades, bolts and other fasteners are secure, the housing is undamaged and that guards and screens are in place. Replace worn or damaged components in sets to preserve balance. Replace damaged or unreadable labels.
- g) Before use check the supply and extension cord for signs of damage or aging. If the cord becomes damaged during use, disconnect the cord from the supply immediately. **DO NOT TOUCH THE CORD BEFORE DISCONNECTING THE SUPPLY.** Do not use the machine if the cord is damaged or worn.
- h) Never operate the machine while people, especially children, or pets are nearby.

Operation

- a) Before starting the machine, ensure that the cutting plate is not touching the cutting blade. See section "Adjusting the blade clearance".
- b) Only set the forward/reverse switch (14) to reverse mode " ↑ ", then keep pressing the ON switch "I" (15) for removing blockages. If the cutting plate (4c) is adjusted very near to the cutting blades (4b), it may break the cutting plate (4c).

- c) Before starting the machine, look into the feeding funnel to make certain that it is empty.
- d) Keep your face and body away from the feeding funnel opening.
- e) Do not allow hands or any other part of the body or clothing inside the feeding funnel, discharge chute, or near any moving part.
- f) 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.
- g) Always stand clear of the discharge chute when operating this machine.
- h) When feeding material into the machine be extremely careful that pieces of metal, rocks, bottles, cans or other foreign objects are not included.
- i) If the cutting mechanism strikes any foreign objects or if the machine should start making any unusual noise or vibration, immediately shut off the power source and allow the machine to stop. Disconnect the machine from the supply and take the following steps before restarting and operating the machine:
 - Inspect for damage;
 - Replace or repair any damaged parts;
 - Check for and tighten any loose parts.
- j) Do not allow processed material to build up in the discharge chute; this may proper discharge and can result in kickback of material through the intake opening.
- k) If the machine becomes clogged, shut-off the power source and disconnect the machine from supply before cleaning debris.
- l) Never operate the machine with defective guards or shields, or without safety devices, for example debris collector in place, or if the cord is damaged or worn.
- m) Keep the power source clean of debris and other accumulations to prevent damage to the power source or possible fire.
- n) Do not transport this machine while the power source is running.
- o) Stop the machine and remove the plug from the power supply (disconnect the machine from the mains supply). Make sure that all moving parts have come to a complete stop

- whenever you leave the machine,
 - before clearing blockages or unclogging chute,
 - before checking, cleaning or working on the machine,
 - after striking a foreign object to inspect the machine for damage,
 - if the machine starts to vibrate abnormally, for immediately check.
- p) Do not tilt the machine while the power source is running.
 - q) Always be sure of the footing on slopes and walk, never run.
 - r) Operate the machine only in daylight or in good artificial light.
 - s) Do not to connect a damaged cord to the supply or touch a damaged cord before it is disconnected from the supply for the reason that damaged cords can lead to contact with live parts
 - t) Do not touch moving hazardous parts before the machine is disconnected from the mains and the moving hazardous parts have come to a complete stop.
 - u) Disconnect the machine from the mains, if the cord becomes damaged or entangled during use
 - v) Keep extension cords away from moving parts to avoid damages to the cords which can lead to contact with live parts. When feeding material into the machine, be extremely careful that the extension cord is not accidentally fed into the machine.
 - w) with a tripping current of not more than 30 mA.

Maintenance and storage

- a) When the machine is stopped for servicing, inspection, or storage, or to change an accessory, shut off the power source, disconnect the machine from the supply and make sure that all moving parts are come to a complete stop. Allow the machine to cool before making any inspections, adjustments, etc. Maintain the machine with care and keep it clean.
- b) Store the machine only in a dry place out of the reach of children.
- c) Always allow the machine to cool before storing.

- d) When servicing the cutting blades be aware that, even though the power source is switched off, the cutting blades can still be moved.
- e) Replace worn or damaged parts for safety. Use only genuine replacement parts and accessories.
- f) Never attempt to override the interlocked feature of the collection box.
- g) If the replacement of the supply cord is necessary, this has to be done by the manufacturer or his agent in order to avoid a safety hazard.

Recommendations

- a) Avoid using the machine in bad weather conditions especially when there is a risk of lightning.
- b) Carry the machine by the transportation handle with the motor off. Handling the machine properly reduces the possibility of personal injury.
- c) If the machine starts to vibrate abnormally, check it immediately. Excessive vibration can cause injury.
- d) Always ensure the machine is fully assembled before using it. Never attempt to use an incomplete machine or one fitted with an unauthorised modification.
- e) Do not overload the machine.
- f) Follow the maintenance and repair instructions for this machine. Never carry out any modifications to the machine. Information about maintenance and repair is provided in this user manual.
- g) Only use replacement parts and accessories supplied and recommended by the manufacturer. Using third-party parts will immediately invalidate the guarantee!
- h) Do not leave the machine working unattended and keep it in a dry place out of children's reach.
- i) Keep hands and feet away from the cutting blades at all times and especially when switching on the motor.
- j) Do not use the machine if the cord and the extension cord is damaged or worn.

- k) Do not touch the cutting blades before the machine is disconnected from the power supply and the cutting blades have come to a complete stop.
- l) Whilst using the machine, ensure the cord and the extension cord does not become trapped under the wheels or feet.
- m) Have your machine serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the machine is maintained.

Health surveillance

All employees should be part of an employer's health surveillance scheme to help identify any vibration related diseases at an early stage, prevent disease progression and help employees stay in work.

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.

Take the following points into account to minimise the vibration and noise exposure risks:

1. Only use the product as intended by its design and these instructions.
2. Ensure that the product is in good condition and well maintained.
3. Use correct attachments for the product and ensure they are in good condition.
4. Keep tight grip on the handles/grip surface.
5. Maintain this product in accordance with these instructions and keep it well lubricated (where appropriate).
6. Plan your work schedule to spread any high vibration tool use across a longer period of time.

Emergency

Familiarise yourself with the use of this product by means of this instruction manual. Memorise the safety directions and follow them to the letter. This will help to prevent risks and hazards.

1. **Always be alert when using this product, so that you can recognise and handle risks early.** *Fast intervention can prevent serious injury and damage to property.*
2. **Switch off and disconnect from the power supply if there are malfunctions.** *Have the product checked by a qualified professional and repaired, if necessary, before you operate it again.*

Residual risks

Even if you are operating this product in accordance with all the safety requirements, potential risks of injury and damage remain. The following dangers can arise in connection with the structure and design of this product:

1. Injuries and damage to property due to broken cutting attachments or the sudden impact of hidden objects during use.
2. Injuries and damage to property to due to thrown and fallen objects.
3. Physical injuries caused by whipped material to be shredded.



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 doctor and the medical implant manufacturer before operating this product!

Symbols

On the product, the rating label and within these instructions you will find among others the following symbols and abbreviations. Familiarise yourself with them to reduce hazards like personal injuries and damage to property.

V ~	Volt, (alternating voltage)	Hz	Hertz
W	Watt	g	Gram
/min or min ⁻¹	Per minute	kg	Kilogram
mm	Millimetre	l	Litre
dB(A)	Decibel (A-rated)	m/s ²	Metres per second squared



Lock / to tighten or secure.



Unlock / to loosen.



Read the instruction manual.



Note / Remark.



Caution / Warning.

yyWxx Manufacturing date code; year of manufacturing (20yy) and week of manufacturing (Wxx).

2800W (P40) The working duty of the motor is 2800W (P40), which means the motor can work continuously with working cycle: maximum power load 2800W for 40% of the time period and no load running for 60% of the time period.

IPX4 Protection against splashed water from all directions.



Always wear hearing protection.



Always wear eye protection.



Wear a dust mask.



Wear protective gloves.



Wear protective, slip-resistant footwear.



Wear tight-fitted protective clothes.



Switch the product off and disconnect it from the power supply before assembly, cleaning, adjustments, maintenance, storage and transportation.



This machine is classified as protection class I and must be connected to a protective ground during operation.



Do not expose the product to rain or wet conditions (moisture).



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!

Objects thrown by the machine 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 machine is.



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



Do not use as a step.



Warning! Electric shock hazard.



Turn the cutting plate adjustment knob clockwise for narrower clearance / anticlockwise for wider clearance.



Disconnect the mains plug if the cord becomes damaged or entangled. **DO NOT TOUCH THE CORD BEFORE DISCONNECTING THE SUPPLY.**



Set the forward/reverse switch (14) to reverse mode "↑".



Set the forward/reverse switch (14) to forward mode "↓".



Guaranteed sound power level value in 92 dB.



WEEE symbol. Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or local store for recycling advice.



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



UK Conformity Assessed.

Rating label explanation

Silent Shredder: MQS2800-3

M = Brand name (MAC Allister)

QS = Shredder

2800 = Rated input (W)

3 = Version number

TTSHR2800

TT = Brand name (TITAN)

SHR = Shredder

EN Technical specifications

General :

> Rated voltage, frequency	: 230-240 V ~, 50 Hz
> Rated power input	: 2800 W (P40)
> No load speed	: 42 min ⁻¹
> Max. cutting diameter	: Max. Ø 45 mm
> Collection box capacity	: 60 l
> Protection class	: I ⊕
> Degree of protection	: IPX4
> Weight	: approx. 27.4 kg
> Dimensions	: approx. 620 x 480 x 1000 mm

Sound values :

> Sound pressure level LpA	: 75.7 dB(A)
> Uncertainty KpA	: 3 dB(A)
> Measured sound power level Lwa	: 90.51 dB(A)
> Uncertainty Kwa	: 1.35 dB(A)
> Guaranteed sound power level LWA acc. to 2000/14/EC amended by 2005/88/EC	: 92 dB(A)

The sound value(s) have been determined according to noise test code given in EN 50434, using the basic standards EN ISO 11094 and EN ISO 3744.

The sound intensity level for the operator may exceed 80 dB(A) and ear protection measures are necessary.

The noise figures quoted are emission levels and are not necessarily safe working levels. Factors that influence the actual level of exposure of work-force include the characteristics of the work room, the other sources of noise, etc. i.e. the number of machines and other adjacent processes, and the length of time for which an operator is exposed to the noise. Also the permissible exposure level can vary from country. This information, however, will enable the user of the machine to make a better evaluation of the hazard and risk.



NOTE: The machine is heavy, ask another person for assistance if required.

EN Before you start

Unpacking

1. Unpack all parts and lay them on a flat, stable surface.
2. Remove all packing materials and shipping devices if applicable.
3. 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 machine but contact your dealer. Using an incomplete or damaged machine represents a hazard to people and property.
4. Ensure that you have all the accessories and tools needed for assembly and operation. This also includes suitable personal protective equipment.



WARNING! The machine and the packaging are not children's toys! Children must not play with plastic bags, sheets and small parts! There is a danger of choking and suffocation!

You will need

(items not supplied)

Suitable personal protective equipment
Suitable extension cord
Suitable crosshead screwdriver
Suitable pliers

(items supplied)

Collection box (12)
Plunger (19)
Hex key (20)



NOTE: The accessories required depend on the intended application. Ask your dealer for advice.

Assembly



WARNING! The machine must be fully assembled before operation! Do not use a machine that is only partly assembled or assembled with damaged parts!



Follow the assembly instructions step-by-step and use the pictures provided as a visual guide to easily assemble the machine!



Before using the machine, familiarise yourself with the operating features read the entire instruction manual paying particular attention to the safety rules and operating procedures.



Do not connect the machine to power supply before it is completely assembled.



NOTE: Take care of small parts that are removed during assembly or when making adjustments. Keep them secure to avoid loss. If necessary, ask another person for assistance when assembling the machine.

Foot support assembly

1. Align the bottom mounting holes of foot support (9) and the frame (8) (Fig. 1, step 1).
2. Tighten the long screw (9a) clockwise through the mounting hole with a suitable crosshead screwdriver (not supplied) and secure the connection (Fig. 1, step 2).
3. Repeat the assembly on the other foot support (9).

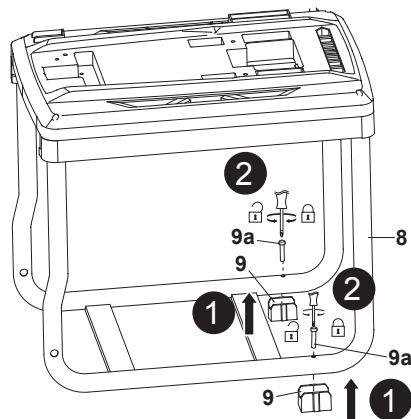


Fig. 1

Wheel assembly

1. Align and pass the wheel axle (11) through the two side mounting holes of the frame (8) (Fig. 2, step 1). Ensure that the wheel axle (11) is centred.
2. Attach the washer (10b), the wheel (10) and the washer (10b) onto the wheel axle (11) (Fig. 2, step 2). Ensure that the wheel (10) is correctly oriented before assembly.
3. Secure the connection by passing R-clip (10e) through the holes of wheel axle (11) (Fig. 2, step 3). Use pliers (not supplied) to open the end of the R-clip to avoid its slippage.
4. Repeat the wheel assembly on the other side of wheel axle (11).
5. Check whether the both wheels (10) run smoothly on the wheel axle (11).

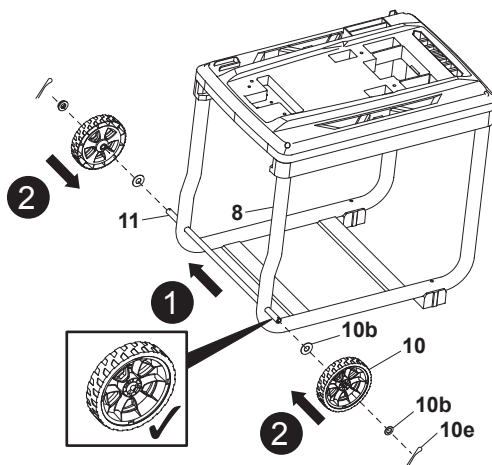


Fig. 2

6. Align the four latches (10c) with the slots (10d) and attach the cover (10a) onto the wheel (10). Ensure the latches (10c) snap in position (Fig. 3).

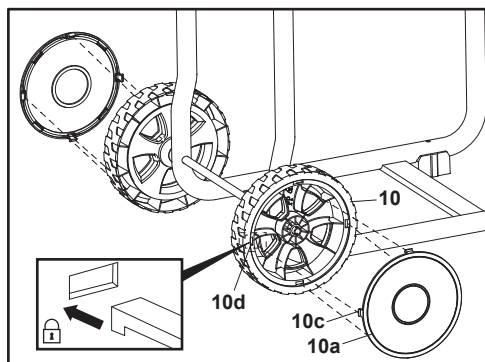


Fig. 3

Motor unit assembly

1. Lift the motor unit. Align discharge chute (6) with the opening of base plate (7) and place the motor unit onto the base plate (7) (Fig. 4, step 1).
2. Ensure that the motor unit sits properly in position and the power cord (3) is not squeezed by the base plate (7).
3. Secure the connection with four sets of screw assembly (7 a) from the bottom of the base plate (7) (Fig. 4, step 2).



NOTE: Turn the motor unit and base plate upside down for easy assembly if required.

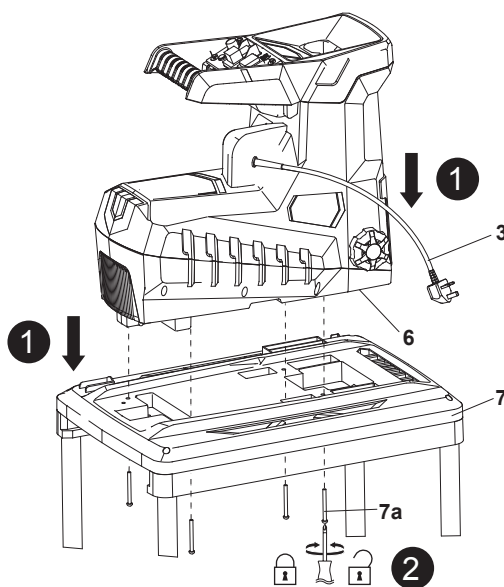


Fig. 4

Collection box assembly

1. Fully press down the interlock switch (12a) to position “OFF” (Fig. 5, step 1).
2. Hold the recessed grip (12b) and insert the collection box (12) into the frame (8) and slide it all the way to the stop (Fig. 5, step 2).
3. Fully pull up the interlock switch (12a) to position “ON” to secure the collection box (12) in position (Fig. 5, step 3).

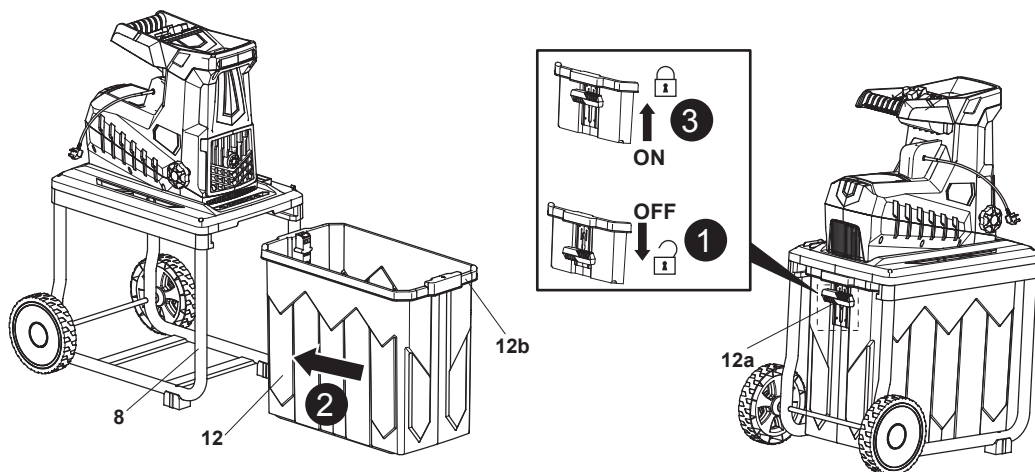


Fig. 5



WARNING! If the interlock switch (12a) is not fully pulled up, the motor will not start!

The machine automatically stops if the interlock switch (12a) is unlocked during operation!

Always use the machine with the collection box (12) attached during operation to protect yourself against shredded debris and avoid injuries! Do not use the machine with a damaged collection box (12) or without one at all!

Never attempt to override the interlock feature of the collection box (12)!

Connection to power supply



NOTE: The machine is equipped with a power cord with the length of 3 m. If an additional extension cord is required for operation, observe the technical requirements for this machine when purchasing an extension cord.

Always use a residual current supply (RCD) protected supply.

1. Make sure that the ON switch “I” (15) is not pressed.
2. Connect the plug of power cord (3) with a suitable socket, and the power indicator (17) will turn red.



WARNING! Check the voltage! The voltage must comply with the information on the rating label!



If using an extension cord it must be suitable for outdoor use with sockets protected against water splashing.

Ensure the extension cord is of the proper size and type for your product:

- 1.5 mm² for up to 60 m in length
- 2.5 mm² for up to 100 m in length

3. Your machine is now ready to be used.

EN Functions & Settings

Intended use

This electric silent shredder MQS2800-3 / TTSHR2800 is designated with a rated power input of 2800 Watts.

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

This machine is not intended for shredding pieces of metal, rocks, bottles, cans, etc. or soft waste such as kitchen rubbish.

For safety reasons it is essential to read the entire instruction manual before first operation and to observe all the instructions therein.

This machine is intended for private domestic use only, not for any commercial trade use. It must not be used for any purposes other than those described.

Adjusting the blade clearance



Note: Always adjust the clearance between the cutting plate (4c) and cutting blades (4b) before using the machine!

For an effective operation, adjust the blade clearance regularly.

The cutting plate (4c) is set from 0 to 0.5 mm closed to the cutting blades (4b), and this distance should be kept to achieve effective operation.

1. Switch the machine on.
2. Turn the adjustment knob (5) slowly in a clockwise direction until a scraping noise is heard (metal plate making contact with the cutter head). Fine aluminium shavings will fall from the discharge chute (Fig. 6).
3. As soon as the scraping noise is heard, rotate the adjustment knob (5) anticlockwise 1/4 of a turn. Ensure that the metal plate is not making contact with the cutter head.
4. Avoid unnecessary wear on the cutting plate by not over-adjusting.
5. After adjusting, make shredding tests to check if the best effect is achieved. Readjust if necessary.

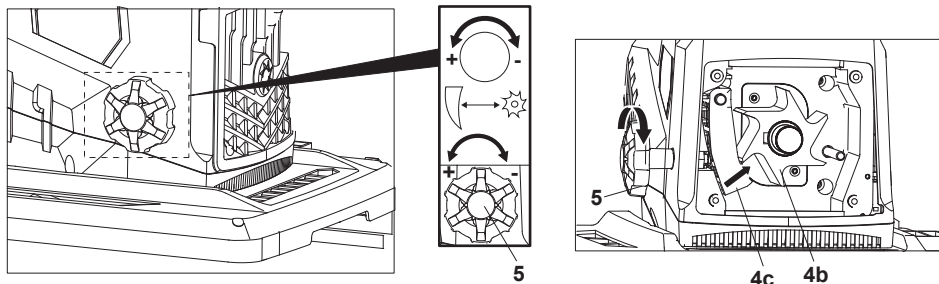


Fig. 6



WARNING! The picture above (right) showing the internal area of the cutting compartment is for reference only. Do not remove the blade compartment guard (4) while adjusting the blade clearance. Doing so is dangerous and could cause injury.

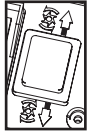
Forward/reverse operation



WARNING! Always switch the forward/reverse switch (14) to standby mode for 2 seconds before changing the forward/reverse mode!



NOTE: Use the reverse switch (14) to release the jammed material. Repetitions of forward and reverse operations may be required to shred a large object.

Position	Operation mode	Application
	↓ Forward mode	For shredding
	Standby mode	Switching between forward/reverse mode during operation (time interval: min. 2 seconds)
	↑ Reverse mode	For releasing jammed material

Overload protection



WARNING! Wear protective gloves when removing blockages! Use proper tools to remove debris, e. g. a wooden stick!



Never use your bare hands.

The motor of this machine is equipped with an overload protection. When overloaded, operate the machine as follows:

1. The overload protection will automatically activate within 5 - 10 seconds and shut off the power supply. The motor switches off.
2. When it happens, perform the following steps:
 - Wait until the blades completely stop;
 - Wait at least one minute and then press the reset button (18) (Fig. 7, step 1);
 - Set the forward/reverse switch (14) to reverse mode "1t" (Fig. 7, step 2);
 - Hold down the ON switch "I" (15) to switch the machine on. Carefully pull out the jammed material from the feeding funnel (Fig. 7, step 3). When in reverse mode, the ON switch needs to held down. To stop the machine operating in reverse, release the ON switch.

- Release the ON switch "I" to switch the machine off (Fig. 7, step 4);
- Set the forward/reverse switch (14) to forward mode "4L" (Fig. 7, step 5);
- Press the ON switch "I" (15) to switch the machine on (Fig. 7, step 6);
- Feed softer/smaller material to perform a shredding test to ensure the machine runs smoothly before continuing further operation.

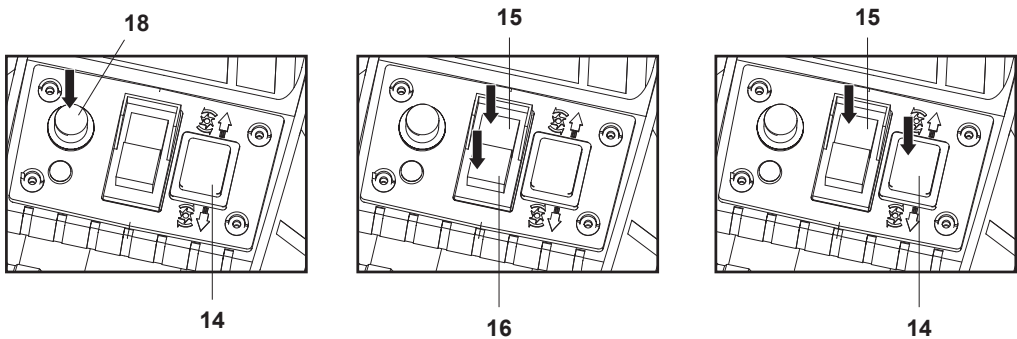


Fig. 7

Switching on/off

1. Switch ON:
 - Press the ON switch "I" (15) for about 1 second to switch the machine on for forward operation when setting the forward/reverse switch (14) to forward mode "4L" (Fig. 8).
 - Hold down the ON switch "I" (15) to switch the machine on for reverse operation when setting the forward/reverse switch (14) to reverse mode "4R".
2. Switch OFF: Press the OFF switch "O" (16) to switch the machine off.

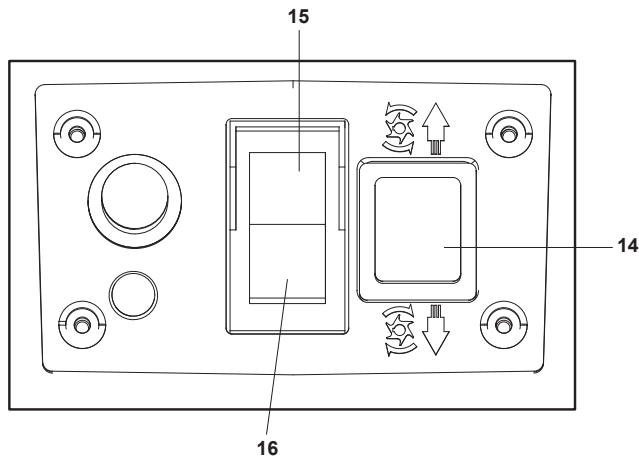


Fig. 8



WARNING! The cutting blades will continue to rotate for some time even after the motor has been switched off!



Wait until they come to a complete stop before touching the cutting blades!

General operation

1. Check the machine, its power cord and plug as well as accessories for damage before each use. Do not use the machine if it is damaged or shows wear. Take care of any problem you find or have the machine checked by qualified specialist.
2. Double check that the accessories and attachments are properly secured.
3. Always push the machine by its transportation handle (1). Keep the transportation handle (1) dry and clean to ensure safe support.
4. Ensure that the air vents (13) are always unobstructed and clear. Clean them if necessary with a soft brush. Blocked air vents may lead to overheating and damage the machine.
5. Switch the machine off immediately if you are disturbed while working by other people entering the working area. Always let the machine come to complete stop before leaving it unattended.
6. Do not overwork yourself. Take regular breaks to ensure you can concentrate on the work and have full control over the machine.
7. Inspect the material to be shredded before starting. Remove any objects or debris that could be thrown, jammed or become entangled in the blades. Remove any soil from root balls. Foreign bodies like stones, glass, metals, fabrics or plastics must not enter the feeding funnel, these could damage the blades.
8. Always place the machine on firm, level ground. During operation, do not tilt or move the machine.
9. Allow the cutting blades to reach full speed before feeding the material into the feeding funnel.
10. Do not process soft waste such as kitchen rubbish into the feeding funnel, but compost them.
11. Long material extending out from the machine could lash out when being drawn in by the blades. Keep at safe distance.
12. Only insert as much material so that the feeding funnel will not be blocked up.
13. Keep hold of branches while feeding them into the machine until they are automatically drawn in.
14. Soft materials (e. g. leaves, stems) may block the opening of feeding funnel. Use plunger to push them onto the cutting blades if necessary.
15. Always feed the material, especially the branches, into the larger opening of the feeding funnel.
16. Keep to the working speed of the machine and do not overload it.
17. Keep a few dry branches for the end of the shredding task, as they will help clean the machine.
18. Only switch the machine off when all of the shredding material has passed through the discharge chute. Otherwise, the discharge chute may jam the next time you switch the machine on.
19. Ensure the shredded material can fall freely from the discharge chute.
20. To make finer compost the shredded material can be shredded for a second time.
21. Do not allow the shredded material to build up to a level where it blocks the discharge chute. If the material builds up too far, it could reach the cutting blades and be thrown out of the feeding funnel.
22. Organic material contains a large amount of water and sap that can stick to the product. To avoid this, the material should be left for a few days to dry out. Large branches however are best shredded when they are fresh.
23. If the cutting blades stalls during operation, stop the machine immediately and disconnect the machine from the power supply before investigating the cause.
24. Remove any jammed debris from the cutting blades and examine them for any damage before re-commencing shredding.
25. If the blades have stalled for more than 3 seconds, the overload protection will activate. Refer to section "Overload protection".

Emptying collection box

1. Always operate the machine with the collection box (12) attached.
2. Inspect the collection box (12) each time before use. Do not use it if you detect any damage.
3. Empty frequently during use. Do not wait until the collection box (12) is completely full. We recommend emptying it when it is half full.



WARNING! Do not wait until the collection box (12) is full to empty it! Remember that the collection box (12) fills unevenly under the discharging chute (6).

4. Switch the machine off and disconnect it from the power supply.
5. Fully press down the interlock switch (12a) to position “OFF” (Fig. 9, step 1), hold the recessed grip (12b) and carefully pull the collection box (12) out of the frame (8) (Fig. 9, step 2).

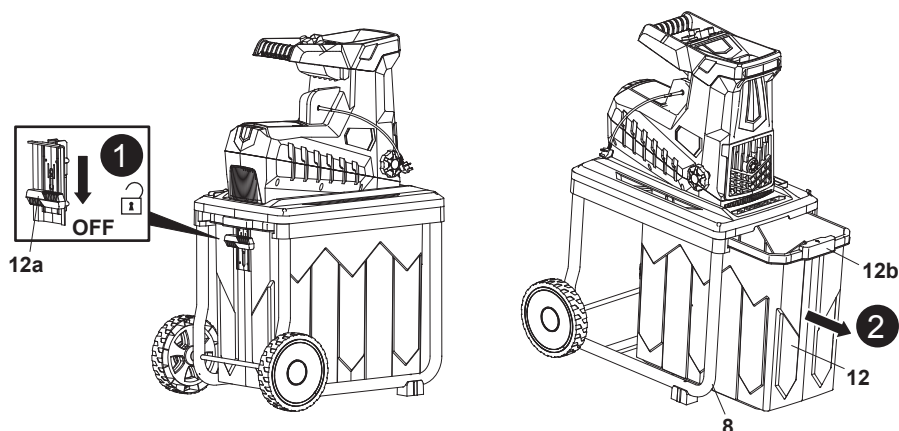


Fig. 9

6. Empty the chippings on compost heap or into a suitable container.
7. Reattach the collection box (12) before using the machine again.

Shredding

1. Cut down the damp / wilted garden waste to a manageable size after it has been stored for several days before feeding into the feeding funnel (2).
2. Ensure the forward/reverse switch (14) is on forward position “↓” and the interlock switch (12a) is on its position “ON” (Fig. 10, steps 1, 2).
3. Press the ON switch “I” (15) to switch the machine on (Fig. 10, step 3).

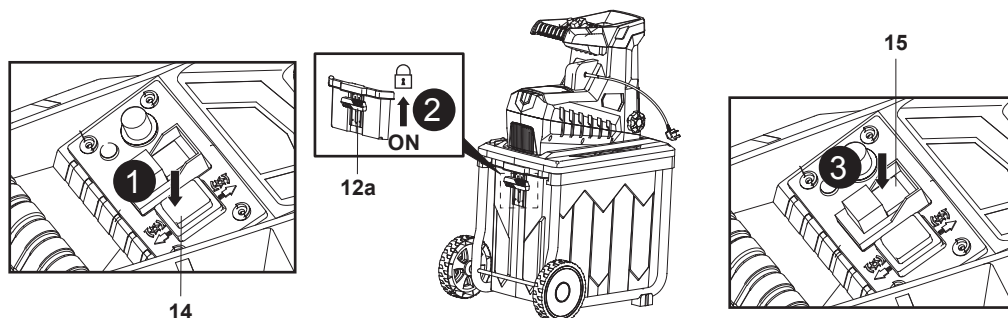


Fig. 10

4. Slowly feed material (e. g. garden waste, branches) into the feeding funnel (2) (Fig. 11). Only insert as much feeding material as to avoid blockage of feeding funnel and cutting blades.
5. Insert the plunger (19) into the feeding funnel (2) to push the material onto the cutting blades if necessary (Fig. 12).
6. Wait until all the feeding material has been shredded before adding more material.

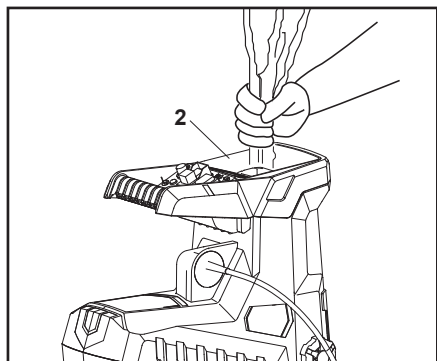


Fig. 11

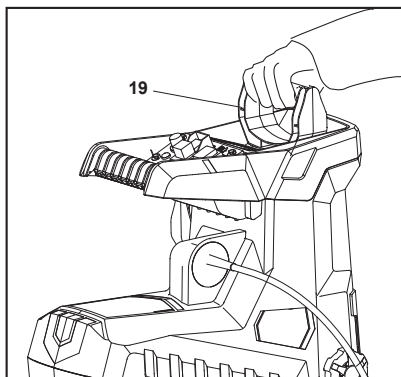


Fig. 12



WARNING! Switch the machine off and disconnect it from the power supply if it stops suddenly during operation. Refer to the instructions below about removing blockages and the “Troubleshooting” section.

After use

1. Switch the machine off, disconnect it from the power supply and let it cool down.
2. Check, clean and store the machine as described below.

EN Care and maintenance

The golden rules for care



WARNING! Always switch the machine off, disconnect the machine from the power supply and let the machine cool down before performing inspection, maintenance and cleaning work!

1. Keep the machine clean. Remove debris from it after each use and before storage.
2. Regular and proper cleaning will help ensure safe use and prolong the life of the machine.
3. Inspect the machine before each use for worn and damaged parts. Do not operate it if you find broken and worn parts.



WARNING! Only perform repairs and maintenance work according to these instructions! All further works must be performed by a qualified specialist!

General cleaning

1. Clean the machine with a damp cloth and pH-neutral soap. Use a brush for areas that are hard to reach.
2. In particular clean the air vents (13) after every use with a cloth and brush.
3. Remove stubborn dust with high pressure air (max. 3 bar).



NOTE: Do not use chemical, alkaline, abrasive or other aggressive detergents or disinfectants to clean this product as they might be harmful to its surfaces.

4. Check for any damage and wear. Repair damage in accordance with this instruction manual or take it to an authorised service centre before using the product again.

Maintenance

Before and after each use, check the machine and accessories (or attachments) for wear and damage. If required, exchange them for new ones as described in this instruction manual. Observe the technical requirements.

Removing blockages



WARNING! Always switch the machine off, disconnect it from the power supply and let it cool down before removing blockages!



Wear protective gloves when removing blockages! Use proper tools to remove debris, e. g. provided plunger! Never use your bare hands!

In case the material clogs badly in the upper enclosure, remove them by opening the blade compartment guard (4):

1. Press the OFF switch "O" (16) to switch the machine off. Wait until the cutting blades stop rotating completely.
2. Place the machine on an even surface and remove the collection box (12) in reverse order of assembly. Empty the collection box (12), if needed.
3. Fully loosen the four mounting bolts (4a) anticlockwise with the supplied hex key (20) and remove the blade compartment guard (4) (Fig. 13, steps 1, 2).
4. Carefully remove the jammed material from the discharge chute (6).
5. If necessary, remove the cutting blades (4b) and the cutting plate (4c) (Fig. 14).
6. Refit the cutting blades (4b), the cutting plate (4c) (if removed) and the blade compartment guard (4).
7. Tighten the four bolts (4a) clockwise to secure the blade compartment guard (4) in position with the supplied hex key (20) (Fig. 13, step 3).
8. Attach the collection box (12) onto the frame (8) properly.
9. Press the ON switch "I" (15) to switch the machine on.
10. Let the machine run for a minute to ensure the cutting blades are rotating freely before using the machine again.

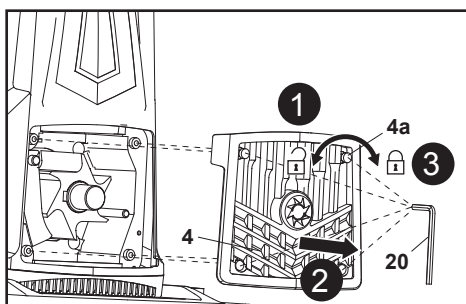


Fig. 13

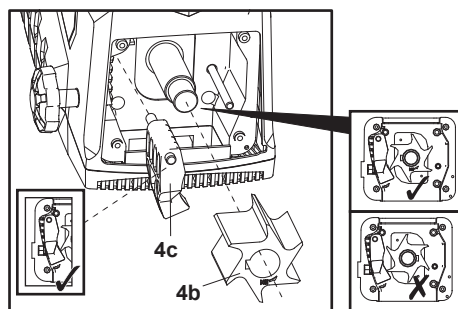


Fig. 14

Power cord

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

UK plug (for UK only)

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

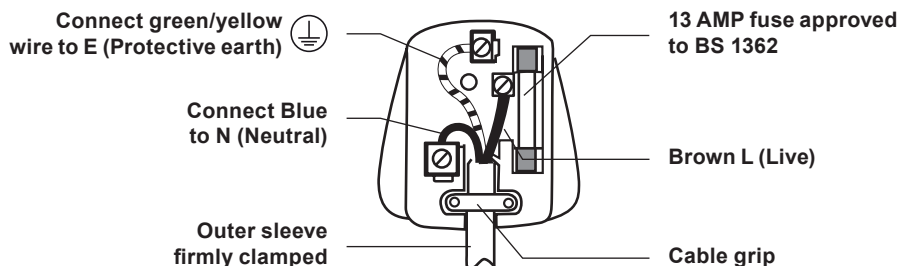
Brown - Live

Green/Yellow - Earth

As the colours of the wire in the mains lead of this product 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. The wire, which is coloured green/yellow, must be connected to the terminal, which is marked E or



WARNING! Never connect live or neutral wires to the earth terminal of the plug, which is marked with E.



Only fit an approved 13 Amp BS 1363 or BS 1363/A plug and correctly rated 13 Amp BS 1362 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.

Spare parts/Replacement parts

Spare parts are available at an authorised dealer or through our customer service.

Repair

This machine does not contain any parts that can be repaired by the consumer. Contact an authorised service centre or a similarly qualified person to have it checked and repaired.

Storage

1. Switch the machine off and disconnect it from the power supply.
2. Clean the machine as described above.
3. Store the machine and its accessories in a dark, dry, frost-free, well-ventilated place.
4. Always store the machine in a place that is inaccessible to children. The ideal storage temperature is between 10 °C and 30 °C.
5. We recommend using the original package for storage or covering the machine with a suitable cloth or enclosure to protect it against dust.

Transportation

1. Switch the machine off and disconnect it from the power supply.
2. Attach transportation guards, if applicable.
3. Do not try to carry the machine alone! If it is necessary to lift the machine, always ask another person for help.
4. Only transport the machine by its transportation handle (1). Tilt the machine towards you until it balances on the wheels (10), and then move the machine by the transportation handle (1).
5. Protect the machine from any heavy impact or strong vibrations which may occur during transportation in vehicles.
6. Secure the machine to prevent it from slipping or falling over.

Troubleshooting

Suspected malfunctions are often due to causes that the users can fix themselves. Therefore check the product using this section. In most cases the problem can be solved quickly.



WARNING! Only perform the steps described within these instructions! All further inspection, maintenance and repair work must be performed by an authorised service centre or a similarly qualified specialist if you cannot solve the problem yourself!

Problem	Possible cause	Solution
1. Product does not start	1.1. Not connected to power supply	1.1. Connect to power supply
	1.2. Power indicator (17) doesn't turn red	1.2. Connect the plug again
	1.3. Power cord or plug is defective	1.3. Check by a specialist electrician
	1.4. Overload protection is activated	1.4. Refer to section "Overload protection"
	1.5. Interlock switch (12a) of the collection box (12) is unlocked	1.5. Check and lock the interlock of collection box
	1.6. Other electrical defect to the product	1.6. Check by a specialist electrician
2. Product does not reach full power	2.1. Extension cord not suitable for operation with this product	2.1. Use a proper extension cord
	2.2. Power source (e. g. generator) has too low voltage	2.2. Connect to another power source
	2.3. Air vents are blocked	2.3. Clean the air vents
	2.4. Collection box is full	2.4. Empty collection box
3. Motor sounds but does not start	3.1. Cutting blades are blocked	3.1. Refer to section "Overload protection"
	3.2. Forward/reverse switch (14) in middle position	3.2. Set the switch to forward "↓" or reverse "↑" position
	3.3. The blade compartment guard (4) is not fixed correctly	3.3. Fix the blade compartment guard (4) correctly
4. Unsatisfactory result / shredding material is not cut cleanly	4.1. Cutting plate (4c) is not adequately adjusted	4.1. Adjust the cutting plate position
	4.2. Cutting blades are worn / damaged	4.2. Replace with new one by a specialist
5. Excessive vibration or noise	5.1. Cutting blades are worn / damaged	5.1. Replace with new one by a specialist
	5.2. Cutting blades are blocked	5.2. Remove the blockage
	5.3. Bolts/knobs are loose	5.3. Tighten the bolts/knobs

Recycling and disposal



Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or local store for recycling advice.

For further information visit www.recycle-more.co.uk.

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

EN Guarantee

We take special care to select high quality materials and use manufacturing techniques that allow us to create products incorporating design and durability. This product has a manufacturer's guarantee of 2 years against manufacturing defects, from the date of purchase (if bought in store) or date of delivery (if bought online), at no additional cost for normal (non-professional or commercial) household use.

To make a claim under this guarantee, you must present your proof of purchase (such as a sales receipt, purchase invoice or other evidence admissible under applicable law), please keep your proof of purchase in a safe place. For this guarantee to apply, the product you purchased must be new, it will not apply to second hand or display products. Unless stated otherwise by applicable law, any replacement product issued under this guarantee will only be guaranteed until expiry of the original period guarantee period.

This guarantee covers product failures and malfunctions provided the product was used for the purpose for which it is intended and subject to installation, cleaning, care and maintenance in accordance with the information contained in these terms and conditions, in the user manual and standard practice, provided that standard practice does not conflict with the user manual.

This guarantee does not cover defects and damage caused by normal wear and tear or damage that could be the result of improper use, faulty installation or assembly, neglect, accident, misuse, or modification of the product. Unless stated otherwise by applicable law, this guarantee will not cover, in any case, ancillary costs (shipping, movement, costs of uninstalling and reinstalling, labour etc), or direct and indirect damage.

This guarantee does not cover defects and damage caused by or resulting from:

- Normal wear and tear
- Overload, misuse or neglect
- Repairs attempted by anyone other than an authorised agent
- Cosmetic damage
- Damage caused by foreign objects, substances or accidents
- Accidental damage or modification
- Failure to follow manufacturer's guidelines
- Loss of use of the goods

If the product is defective, we will, within a reasonable time, repair, replace or provide spare parts.

Rights under this guarantee are enforceable in the country in which you purchased this product. Guarantee related queries should be addressed to the store you purchased this product from.

The guarantee is in addition to and does not affect your statutory rights.

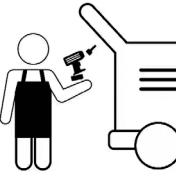
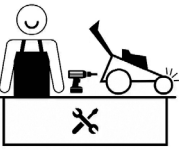
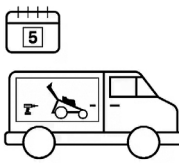
IMPORTANT - RETAIN THIS INFORMATION FOR FUTURE REFERENCE: READ CAREFULLY

Customer care and technical helpline

A better way to repair your tools

Kingfisher takes special care in creating high-quality garden power tools that are designed to last. But if a fault develops with your garden power tool and you need to claim under the guarantee, the Customer Care and Technical Helpline can support with technical assistance or if required, arrange a free courier collection from your home, assess your garden power tool for fault, repair it, and return it.

Deciding to repair your product rather than buying a replacement and adding to the mountain of waste is a more sustainable choice and you will be doing your bit for the environment.

How does it work?				
				
Step 1	Step 2	Step 3	Step 4	Step 5
Find your proof of purchase and get in touch with the Customer Care and Technical Helpline.	Chat to them about the problem with your tool.	They will provide technical and user advice or alternatively arrange a courier collection from your home.*	The team will assess and test and if necessary, repair your product back to full working order.	Your repaired tool will be returned to you via courier within 5 working days*.

Get in touch

If you need help or more information, please contact the Customer Care and Technical Helpline:

UK: 0800 0789647

Eire: 1800 932226

Opening hours are Monday – Friday, 8am-5pm

Availability of spare parts

Contact the customer service helpline for assistance or visit www.kingfisherspares.com

For assistance contact the customer services helpline:

UK 0800 0789647 uk@Kingfisherservice.com

EIRE 1800 932226 eire@kingfisherservice.com

Further information about this product can also be found at:

www.kingfisher.com/products

Manufacturer:

UK Manufacturer:

Kingfisher International Products Limited,
1 Paddington Square, London, W2 1GG,
United Kingdom

EU Manufacturer:

Kingfisher International Products B.V.
Rapenburgerstraat 175E
1011 VM Amsterdam
The Netherlands

EN www.diy.com

www.screwfix.com

www.screwfix.ie

**To view instruction manuals online,
visit www.kingfisher.com/products**