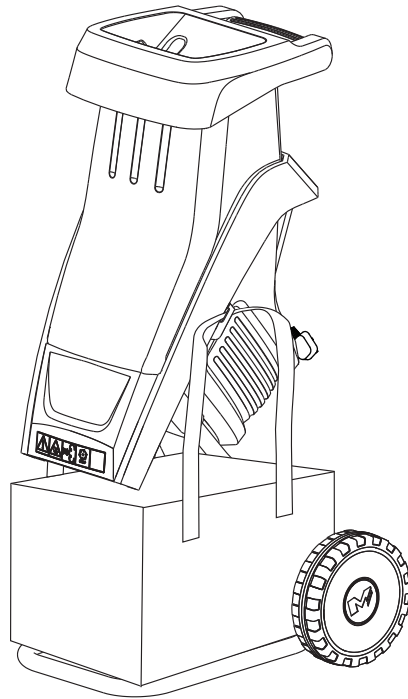




EN



# Impact Shredder 2400W



## MIS2400



Original Instructions\_MNL\_MIS2400\_GB\_V2\_220321



WARNING: Read the instructions before using the product!

V20322 / BX220IM

# Let's get started...

These instructions are for your safety. Please read through them thoroughly before use and retain them for future reference.



## Getting **started...** 02

<b>Safety</b> information	03
<b>Your</b> product	13
<b>Before</b> you start	14



## In more **detail...** 19

<b>Product</b> functions	20
<b>Operation</b>	20
<b>Care</b> and <b>maintenance</b>	24
<b>Troubleshooting</b>	29
<b>Recycling</b> and <b>disposal</b>	30
<b>Guarantee</b>	31
<b>Customer</b> Care and <b>Technical Helpline</b>	33
<b>Availability</b> of <b>Spare</b> Parts	34
<b>Technical</b> specification	35
<b>Declaration</b> of <b>conformity</b>	37

## Safety warnings

1. 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.
2. Cleaning and user maintenance shall not be made by children without supervision.
3. Disconnect the appliance from the power supply and allow it to cool down before cleaning, maintenance, storage and transportation.
4. Protect the electrical parts against moisture. Do not immerse such parts in water or other liquids to avoid electrical shock. Never hold the product under running water. Please read the instructions provided in the chapter "Care and Maintenance".
5. Children should be supervised to ensure that they do not play with the product.
6. If an extension cord is used, make sure the extension cord is specifically designed for outdoor use and not lighter than H05VV-F or H05RN-F, 3x1.5mm<sup>2</sup> and max 75m.

## Safe operating practices for powered shredder / chipper



**IMPORTANT**

**Read carefully before use.  
Keep for future Reference.**

Getting started...

## Safety warnings



**WARNING!** When using the product the safety rules must be followed. For your own safety and that of bystanders please read these instructions before operating the product. Please keep the instructions safe for later use.

### Training

1. Read the instructions carefully. Be familiar with the controls and the proper use of the product.
2. 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.
3. Keep in mind that the operator or user is responsible for accidents or hazards occurring to other people or their property.

### Preparation

1. Obtain ear protection and safety glasses. Wear them at all times while operating the product.
2. While operating the product always wear substantial footwear and long trousers. Do not operate the product when barefoot or wearing open sandals. Avoid wearing clothing that is loose fitting or that has hanging cords or ties.
3. Operate the product in a recommended position and only on a firm, level surface.
4. Do not operate the product on a paved or gravel surface where ejected material could cause injury.

5. Before using, always visually inspect to see, that the shredding means, shredding means 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.
6. 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 product if the cord is damaged or worn.
7. Never operate the product while people, especially children, or pets are nearby.

## Operation

1. Do not 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.
2. Before starting the product, make certain that the feeding chamber is empty.
3. Keep your face and body away from the feed intake opening.
4. Do not allow hands or any other part of the body or clothing inside the feeding chamber, discharge chute, or near any moving part.
5. Keep proper balance and footing at all times. Do not overreach. Never stand at a higher level than the base of the product when feeding material into it.
6. Always be sure of your footing on slopes.
7. Walk, never run during product transportation.
8. Always stand clear of the discharge zone when operating this product.

## Safety warnings

9. When feeding material into the product be extremely careful that pieces of metal, rocks, bottles, cans or other foreign objects are not included.
10. If the cutting mechanism strikes any foreign objects or if the product should start making any unusual noise or vibration, immediately shut off the power source and allow the product to stop. Disconnect the product from the supply and take the following steps before restarting and operating the product:
  - inspect for damage;
  - replace or repair any damaged parts;
  - check for and tighten any loose parts.
11. 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.
12. If the product becomes clogged, shut-off the power source and disconnect the product from supply before cleaning debris.
13. Never operate the product with defective guards or shields, or without safety devices, for example debris collector in place.
14. Keep the power source clean of debris and other accumulations to prevent damage to the power source or possible fire.
15. Do not transport this product while the power source is running.
16. Stop the product, and remove plug from the socket. Make sure that all moving parts have come to a complete stop
  - whenever you leave the product,
  - before clearing blockages or unclogging chute,
  - before checking, cleaning or working on the product,

- after striking a foreign object to inspect the product for damage;
  - if the product starts to vibrate abnormally, for immediately check.
17. Do not tilt the product while the power source is running.
  18. Keep extension cords away from moving parts to avoid damages to the cords which can lead to contact with live parts.

## Maintenance and storage

1. When the product is stopped for servicing, inspection, or storage, or to change an accessory, shut off the power source, disconnect the product from the supply and make sure that all moving parts are come to a complete stop. Allow the product to cool before making any inspections, adjustments, etc. Maintain the product with care and keep it clean.
2. Improper maintenance will lead to malfunction/failure of the product.
3. Inspect and maintain the product regularly. Keep all nuts, bolts and screws tight to be sure the product is in safe working condition.
4. Be careful during adjustment of the product to prevent entrapment of the fingers between moving blades and fixed parts of the product.
5. When servicing the shredding means be aware that, even though the power source is switched off due to the interlock feature of the cover, the shredding means can still be moved.
6. Replace worn or damaged parts for safety. Use only genuine replacement parts and accessories.
7. Wear strong work gloves when removing and re-assembling the cutting blade.

## Safety warnings

8. Have the product repaired only by an authorised service centre or similar qualified specialist.
9. Never attempt to override the interlocked feature of the cover.
10. Store the product in a dry place out of the reach of children.
11. Always allow the product to cool before storing.
12. If the supply cord is damaged, it must be replaced by the manufacture, its service agent or similarly qualified in order to avoid the hazard.

### **Additional safety instructions for units with bagging attachments**

1. Switch the product off before attaching or removing the collection bag.

### **Recommendations**

1. The product should be supplied via a residual current device (RCD) with a tripping current of not more than 30 mA.
2. Avoid using the product in bad weather conditions especially when there is a risk of lightning.
3. Carry the product by the handle with the motor off. Handling the product properly reduces the possibility of personal injury.
4. If the product starts to vibrate abnormally, check it immediately. Excessive vibration can cause injury.
5. Always ensure the product is fully assembled before using it. Never attempt to use an incomplete product or one fitted with an unauthorised modification.
6. Do not overload the product.
7. Follow the maintenance and repair instructions for this product. Never carry out any modifications to the product. Information about maintenance and repair is



- provided in this user manual.
8. Only use replacement parts and accessories supplied and recommended by the manufacturer. Using third-party parts will immediately invalidate the guarantee!
  9. Do not leave the product working unattended and keep it in a dry place out of children's reach.
  10. Keep hands and feet away from the cutting means at all times and especially when switching on the motor.
  11. Before using, check the extension cord for signs of damage and aging. Do not use the product if the cord is damaged or worn. **DO NOT TOUCH THE EXTENTION CORD BEFORE DISCONNECTING THE SUPPLY.**
  12. Do not use the product if the extension cord is damaged or worn.
  13. Do not touch the cutting means before the product is disconnected from the power supply and the cutting means have come to a complete stop.
  14. Whilst using the product, ensure the extension cord does not become trapped under the wheels or feet.
  15. Have your product serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the product is maintained.

## 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 cutting attachments for the product and ensure they are in good condition.

## Safety warnings

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 the product off and disconnect the plug 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 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
/min or min <sup>-1</sup>	Per minute	W	Watt
g	Gram	kg	Kilogram
mm	Millimetre	m	Metre
cm	Centimeter	l	Litre
dB(A)	Decibel (A-rated)	m/s <sup>2</sup>	Metres per second squared
	Lock / to tighten or secure.		Unlock / to loosen.
	Caution / Warning.		Read the instruction manual.
	Note / Remark.		
IP24	Protection against contact with the fingers, protection against solid foreign bodies with Ø >12 mm as well as against splashed water from all directions.		
yyWxx	Manufacturing date code; year of manufacturing (20yy) and week of manufacturing (Wxx)		
	Wear hearing protection.		
	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 the plug from the power supply before assembly, cleaning, adjustments, maintenance, storage and transportation.



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



Switch off and disconnect the plug from the power supply before adjusting, cleaning or if the cord is entangled or damaged. **DO NOT TOUCH THE CORD BEFORE DISCONNECTING THE SUPPLY.**



**Danger** - Rotating blades. Keep hands and feet out of openings while the product is running.



Keep bystanders away! Objects thrown by the product 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 product is.



Cutting blade continues to rotate after the product is switched off. Wait until all machine components have completely stopped before touching the product.



Pay special attention when working on the cutting blade!



Do not use as a step.



**Warning!** Electric shock hazard.



Guaranteed sound power level value in 107 dB.



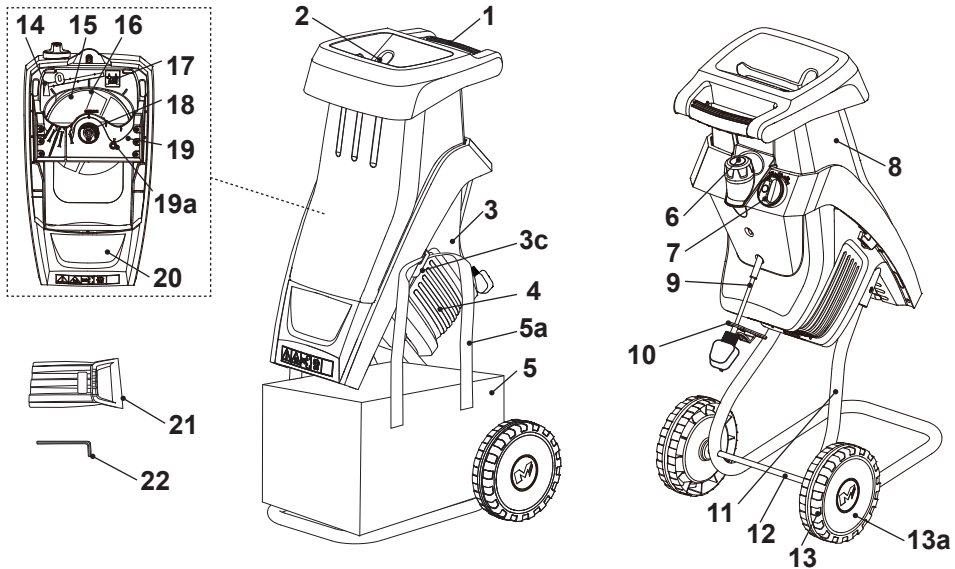
The product is of Protection class II. That means it is equipped with enhanced or double insulation.



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.

## Your product



- |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>1. Transportation handle</li> <li>2. Feeding funnel                         <ul style="list-style-type: none"> <li>a) Screen*</li> </ul> </li> <li>3. Main unit                         <ul style="list-style-type: none"> <li>a) Support* (x2)</li> <li>b) Screw* (x2)</li> <li>c) Hook (x2)</li> </ul> </li> <li>4. Air vents</li> <li>5. Collection bag                         <ul style="list-style-type: none"> <li>a) Hanging belt (x2)</li> </ul> </li> <li>6. Locking knob</li> <li>7. On/off switch</li> </ul> | <ul style="list-style-type: none"> <li>8. Cover                         <ul style="list-style-type: none"> <li>a) Interlock device*</li> </ul> </li> <li>9. Power cord with plug</li> <li>10. Cord retainer</li> <li>11. Frame</li> <li>12. Wheel axle</li> <li>13. Wheel (x2)                         <ul style="list-style-type: none"> <li>a) Cover</li> <li>b) Washer*</li> <li>c) R-Clip*</li> </ul> </li> <li>14. Hex key holder</li> <li>15. Blade plate                         <ul style="list-style-type: none"> <li>a) Location hole*</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>16. Cutting blade                         <ul style="list-style-type: none"> <li>a) Locking Bolt*</li> <li>b) Washer*</li> </ul> </li> <li>17. Safety key slot</li> <li>18. Spindle</li> <li>19. Blade guard                         <ul style="list-style-type: none"> <li>a) Location hole</li> </ul> </li> <li>20. Discharge chute</li> <li>21. Plunger</li> <li>22. Hex key</li> </ul> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Getting started...

## Your product



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

## 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 product but contact your dealer. Using an incomplete or damaged product 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 product 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 rubber mallet / hammer  
 Suitable plier  
 Suitable screwdriver

### (items supplied)

Collection bag (5)  
 Cutting blade (16)  
 Plunger (21)  
 Hex key (22)



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

## Assembly



**WARNING!** The product must be fully assembled before operation! Do not use a product 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 product!



Do not connect the product to power supply before it is completely assembled!

Always wear protective gloves during assembly! Beware of sharp edges on the product.



**NOTE:** Take care of small parts that are removed during assembly or when making adjustments. Keep them secure to avoid loss.

### Frame / wheels assembly

1. Place cardboard or an old blanket on floor, then carefully place the main unit (3) upside down.
2. Align and insert the frame (11) into the two supports (3a) to the end (Fig. 1, step 1). Ensure that the screw holes between the frame (11) and the support (3a) are well aligned. Use a rubber mallet if necessary.
3. Secure the connections with the screws (3b) (Fig. 1, step 2). Make sure that the screw head is flush with the housing of the supports (3a).
4. Align the wheel axle (12) with the holes on the frame (11) and insert it through both sides (Fig. 1, step 3). Ensure that the wheel axle (12) is centred.

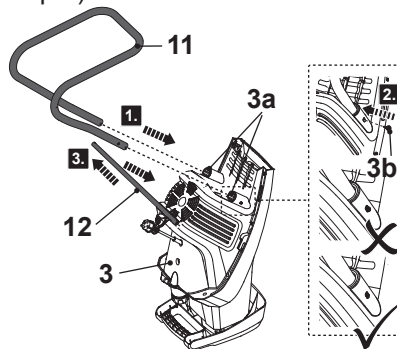


Fig. 1

5. Align and place one wheel (13) onto the wheel axle (12) (Fig. 2, step 1).
6. Pass the washer (13b) through the wheel axle (12) (Fig. 2, step 2).
7. Secure the connection by passing R-clip (13c) through the hole of wheel axle (12) (Fig. 2, step 3).

## Assembly

8. Attach the cover (13a) to the wheel (13). Make sure that the latches of the cover (13a) are correctly engaged in the slots of the wheel (13) (Fig. 2, step 4). Use a rubber mallet to secure the covers all the way.

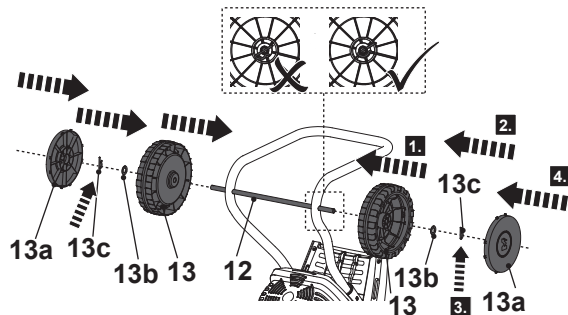


Fig. 2

9. Repeat the above steps (from 5 to 8) on the other wheel (13). Ensure that wheels (13) can rotate smoothly on the wheel axle (12) afterward.



**NOTE:** Do not damage any part while using the rubber mallet. Put a piece of fabric over the covers (13a), if necessary. Tap slightly at first. After assembly, the covers (13a) cannot be easily removed.



**WARNING!** Do not attempt to remove the covers (13a) and disassemble the wheels (13) once they are assembled!

10. Carefully place the product on its wheels (13) and ensure that wheels (13) can rotate smoothly.

### Collection bag

1. Open the collection bag (5) fully and place it under the discharge chute (20).
2. Place the two hanging belts (5a) over the hooks (3c) on the main unit (3) (Fig. 3).

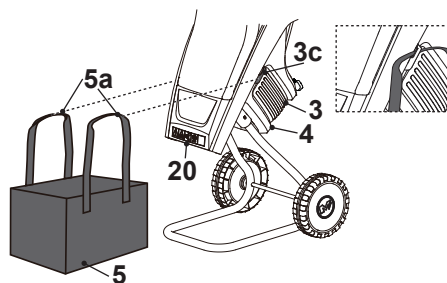


Fig. 3



**WARNING!** Ensure that the collection bag (5) or shredded material never cover the air vents (4)!





**WARNING!** Always operate the product with its collection bag (5) attached to protect yourself against flying debris and to avoid injuries! Do not use this product with a damaged collection bag (5) or without one at all!

## Connection to power supply

For safety reasons the product is equipped with a short power cord (9). Do not connect the product directly to the power supply using this power cord. A proper extension cord is required for operation. Observe the technical requirements for this product when purchasing an extension cord.



**NOTE:** For your safety, it is required that the plug attached to this product is always connected to an extension cord! The extension cord 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 ( $\geq 1.5 \text{ mm}^2$ )! Always use a residual current supply (RCD) protected supply.

1. Double the extension cord back, about 30 cm from the end and lead the loop through the slots of cord retainer (10) (Fig. 4).
2. Pull it over the hook of cord retainer (10) and gently tug on the cord to ensure that it is firmly secured (Fig. 5).
3. Connect the power cord (9) to the socket of the extension cord (Fig. 6).
4. Make sure the on/off switch (7) is not stayed at ON position.
5. Connect the plug of extension cord into a suitable socket.

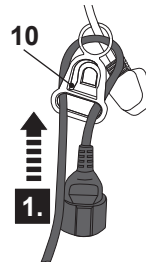


Fig. 4

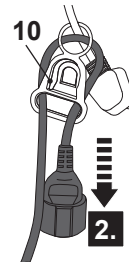


Fig. 5

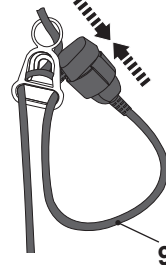


Fig. 6

## Connection to power supply



**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 mm<sup>2</sup> for up to 75 m.
- 2.5 mm<sup>2</sup> for up to 100 m.

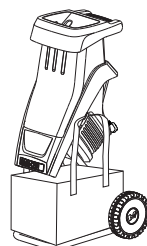
6. Your product is now ready to be used.



## In more detail...

<b>Product functions</b>	20
<b>Operation</b>	20
<b>Care and maintenance</b>	24
<b>Troubleshooting</b>	29
<b>Recycling and disposal</b>	30
<b>Guarantee</b>	31
<b>Customer Care and Technical Helpline</b>	33
<b>Availability of Spare Parts</b>	34
<b>Technical specifications</b>	35
<b>Declaration of conformity</b>	37

In more detail...



## Intended use

This electric impact shredder MIS2400 is designated with a rated power input of 2400 Watts.

The product is designed for cutting of fibrous and woody garden waste for composting.

The product 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 product 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.

## Switching on/off

This product can only be operated in continuous mode.

1. Turn the on/off switch (7) clockwise to switch the product on (Fig. 7).
2. Turn the on/off switch (7) anti-clockwise to switch the product off.

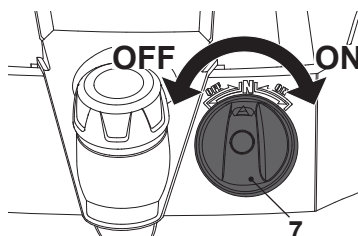


Fig. 7



**NOTE:** The on/off switch (7) will automatically draw back to its original position after release.



**WARNING!** The shredding means 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 product!

## General operation

1. Check the product, its power cord and plug as well as accessories for damage before each use. Do not use the product if it is damaged or shows wear. Take care of any problem you find or have the product checked by qualified specialist.

2. Double check that accessories or attachments are properly fixed.
3. Always carry the product on its transportation handle. Keep the transportation handle dry and clean to ensure safe support.
4. Ensure that the air vents (4) are always unobstructed and clear. Clean them if necessary with a soft brush. Blocked air vents may lead to overheating and damage the product.
5. Switch the product off immediately if you are disturbed while working by other people entering the working area. Always let the product come to complete stop before averting.
6. Do not overwork yourself. Take regular breaks to ensure you can concentrate on the work and have full control over the product.
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 product on firm, level ground. During operation, do not tilt or move the product.
9. Allow the cutting means to reach full speed before feeding the material into the feeding funnel.
10. Do not fill soft waste such as kitchen rubbish into the feeding funnel, but compost them.
11. Long material extending out from the product 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 product 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 means 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 product and do not overload it.
17. Keep a few dry branches for the end, as they will help clean the product.
18. Only switch the product 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 product 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.

## General operation

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 means stalls during operation, stop the product immediately and disconnect the product from the power supply before investigating the cause.
24. Remove any jammed debris from the cutting means and examine them for any damage before re-commencing shredding.
25. If the blades have stalled the motor will be overheated. Stop the motor immediately and let it cool before removing blockages.

## Collection bag

1. Always operate the product with the collection bag (5) attached.
2. Inspect the collection bag (5) each time before use. Do not use it if you detect any damage.
3. Empty frequently during use. Do not wait until the collection bag (5) is completely full. We recommend emptying it when it is half full.
4. Switch the product off and disconnect it from the power supply.
5. Use the hanging belts (5a) to carry the collection bag (5). Empty the chippings on compost heap or into a suitable container.
6. Re-fit the collection bag (5) before using the product again.

## Shredding

1. Ensure the extension cord is well hooked on the cord retainer (10). Connect the plug to the power supply via the extension cord.
2. Stand behind the transportation handle (1).
3. Chop the damp / wilted garden waste which has been stored for several days before feeding them into the feeding funnel (2).
4. Ensure the collection bag (5) is securely attached onto the hooks (3c) of the main unit (3).
5. Turn the on/off switch (7) clockwise to switch the product on (Fig. 8).
6. Slowly feed material (e. g. garden waste, branches) into the feeding funnel (2) (Fig. 9). Only insert as much feeding material as to avoid blockage of feeding funnel (2) and cutting blade (16).
7. Insert the plunger (21) into the feeding funnel (2) to push the material onto the cutting blade (16) if necessary (Fig. 10).
8. Wait until all the feeding material has been shredded before adding more material.

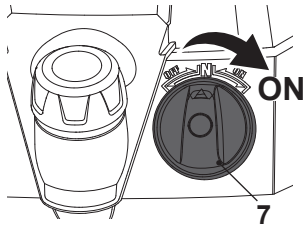


Fig. 8



Fig. 9



Fig. 10



**WARNING!** Switch the product 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.

### Removing blockages



**WARNING!** Always switch the product 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!



1. Turn the on/off switch (7) anti-clockwise to switch the product off (Fig. 11, step 1). Wait until the shredding means stop rotating completely.
2. Remove the collection bag (5) from the hooks (3c) of the main unit (3). Empty the collection bag (5), if needed.
3. Loosen the locking knob (6) anti-clockwise (Fig. 11, step 2) and open the cover (8).
4. Lift the cover (8) from the main unit (3) to remove it (Fig. 11, step 3).
5. Carefully remove the jammed material from the discharge chute (20).
6. Refit the cover (8) and tighten the locking knob (6) clockwise (Fig. 11, step 4). Ensure the interlocking device (8a) properly seats in the safety key slot (17).
7. Turn the on/off switch (7) clockwise to switch the product on.
8. Let the product run for a minute to ensure the shredding means are rotating freely before using the product again.

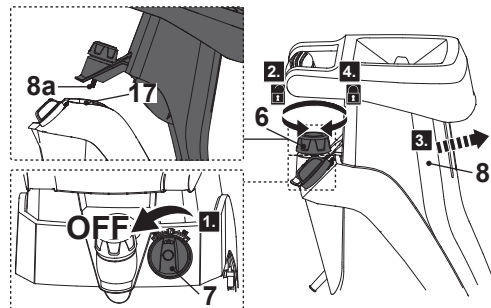


Fig. 11

In more detail...

## After use

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

## The golden rules for care



**WARNING!** Always switch the product off, disconnect the plug from the power supply. Let the product cool down before performing inspection, maintenance and cleaning work!



1. Keep the product 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 product.
3. Inspect the product 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 product with a dry cloth. Use a brush for areas that are hard to reach.
2. In particular clean the air vents (4) 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 worn or damaged parts. Replace worn parts as necessary or contact an authorised service centre for repair before using the product again.



## Maintenance

Before and after each use, check the product 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.

### Collection bag

1. Remove the collection bag (5) from the hooks (3c) of the main unit (3).
2. Clean the collection bag (5) after operation by turning it inside out and brushing it.
3. Replace the collection bag (5) with one of the same type if it is damaged.
4. Refit it as above described.

### Cutting blade



**WARNING!** Always switch the product off, disconnect it from the power supply and let it cool down before opening the cover (8) and working on the cutting blade (16)!



Wear safety gloves when working on the cutting blade (16) and close to it! Use proper tools to remove debris, e. g. a wooden stick! Never use your bare hands.

Cutting blade is very sharp and become hot during use! Handle it carefully! Wear protective gloves when handling cutting blade (16) in order to avoid injuries like burns and cuts!



**WARNING!** ! Always use original spare parts for replacement. The cutting blade must be replaced by an identification no. ref. GS01RS.00.04. Do not attach any other type of cutting blade! The replacement of the cutting blade (16) should be done by a qualified specialist! Rework or sharpening blades is not recommended unless it is done by a repair service or a similarly qualified specialist!

1. Keep the cutting blade (16) clean and free of debris. Remove clippings from the discharge chute (20).
2. Check all fasteners, such as nuts and bolts, periodically for tightness before operation. After prolonged use, the cutting blade (16) will become worn and lose some of the original shape. The cutting efficiency will be reduced and the cutting blade (16) should be replaced.
3. Keep the cutting blade (16) sharp to ensure a good cutting performance. Replace a worn or damaged cutting blade with a new one of the same type or have it sharpened by a qualified specialist.
4. Loosen the locking knob (6) anti-clockwise (Fig. 12, step 1) and open the cover (8).
5. Lift the cover (8) from the main unit (3) to remove it (Fig. 12, step 2).
6. Take off the hex key (22) from the hex key holder (14) (Fig. 12, step 3).

In more detail...

## Maintenance

7. Insert a suitable tool (e. g. screwdriver) through the location hole (19a) of the blade guard (19) (Fig. 12, step 4).
8. Rotate the blade plate (15) carefully (Fig. 12, step 5) until the tool goes through with the location hole (15a) on the blade plate (15). Ensure the spindle (18) is securely locked in place.

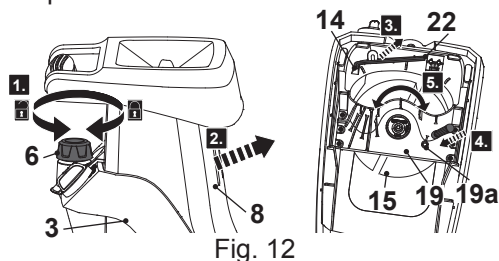


Fig. 12

9. Keep the spindle (18) locked and loosen the locking bolt (16a) anti-clockwise using the delivered hex key (22) (Fig. 13, step 1) and remove it together with the cutting blade (16) and the washer (16b) (Fig. 13, step 1).



**NOTE:** The cutting blade (16) can be used from two sides. For the first replacement turn the cutting blade (16) vertically 180° and re-fit it. If both sides of a cutting blade (16) are worn out, replace with a new cutting blade (16).

10. Check the status of the blade plate (15) onto the spindle (18) firstly, then attach the cutting blade (16) onto the blade plate (15).
11. Attach the washer (16b) on the locking bolt (16a), then screw the locking bolt (16a) clockwise into the thread of the spindle (18) properly. Keep the spindle (18) locked and tighten the locking bolt (16a) clockwise to ensure safe operation of your product (Fig. 13, step 3). Do not overtighten.
12. Remove the tool from the location holes (15a, 19a) from the blade plate (15) and the blade guard (19) afterwards (Fig. 13, step 4).

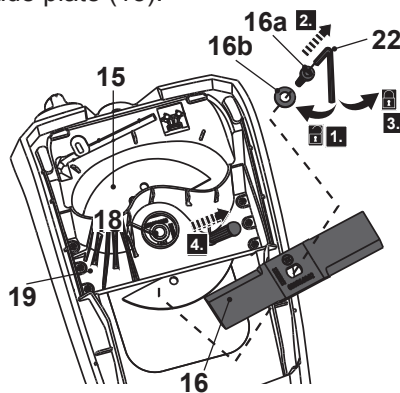


Fig. 13

13. Lubricate the cutting blade (16) after each use to prolong the life span of cutting blade and product. Apply light machine oil along the edge of the cutting blade.

14. Once the cutting blade (16) is replaced and secured, re-fit and close the cover (8). Ensure the cover (8) sits properly on both sides of the main unit (3) and the interlocking device (8a) properly seats in the safety key slot (17).
15. Tighten the locking knob (6) clockwise to secure the cover (8).



**NOTE:** Let the product run for a minute to ensure the shredding means are secured and rotating smoothly before using the product again.

## Power cord

If the power cord (9) is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a safety hazard.



**WARNING!** Do not use the product with a defective or a loose power cord (9) and extension cord!

## UK plug (only for UK market)

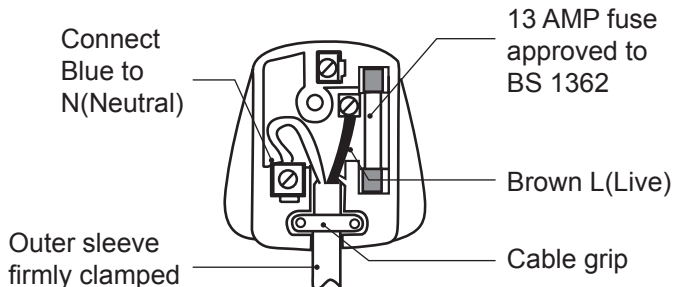
If you need to replace the fitted plug, then follow the instructions below.

**IMPORTANT:** The wires in the mains lead are coloured in accordance with the following code:

Blue – Neutral

Brown – Live

As the colours of the wire in the mains lead of this 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.



## UK plug (only for UK market)



**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 the correctly rated fuse. If in doubt, consult a qualified electrician.



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

## Repair

This product 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 product off, disconnect the plug from the power supply before storage.
2. Clean the product as described above.
3. Store the product and its accessories in a dark, dry, frost-free, well-ventilated place.
4. Always store the product 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 product with a suitable cloth or enclosure to protect it against dust.

## Transportation

1. Switch the product off, disconnect the plug from the power supply before transporting it anywhere.
2. Attach transportation guards, if applicable.
3. Do not try to carry the product alone! If it is necessary to lift the product, always ask another person for help.

4. Only transport the product by its transportation handle (1). Tilt the product towards you until it balances on the wheels (13). Then move it by its transportation handle (1) (Fig. 14).
5. Protect the product from any heavy impact or strong vibrations which may occur during transportation in vehicles.
6. Secure the product to prevent it from slipping or falling over, damage and injury.

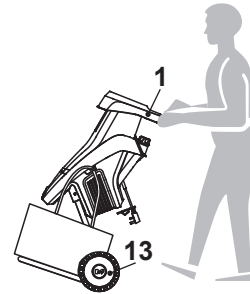


Fig. 14

## 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 1.2. Power cord or plug is defective 1.3. Safety key inside cover is not activated 1.4. Other electrical defect to the product	1.1. Connect to power supply  1.2. Check by a specialist electrician 1.3. Tighten the locking knob (6) properly 1.4. Check by a specialist electrician
2. Product does not reach full power	2.1. Extension cord not suitable for operation with this product 2.2. Power source (e. g. generator) has too low voltage 2.3. Air vents (4) are blocked	2.1. Use a proper extension cord  2.2. Connect to another power source  2.3. Clean the air vents

In more detail...

## Troubleshooting

3. Unsatisfactory result / shredding material is not cut cleanly	3.1. Cutting blade is dull / damaged 3.2. Cutting material exceeds capacity	3.1. Replace with a new one 3.2. Only cut materials according to the product capacity.
4. Product suddenly stops	4.1. Cutting blade is dull / damaged 4.2. Cutting blade is blocked 4.3. Overload protection tripped	4.1. Replace with a new one 4.2. Remove blockage 4.3. Allow the motor to cool down and reset the overload protection, then restart the unit
5. Excessive vibration or noise	5.1. Cutting blade is dull / damaged 5.2. Cutting material exceeds capacity 5.3. Bolts/nuts are loosen 5.4. Cutting blade is blocked	5.1. Replace with a new one 5.2. Only cut materials according to the product capacity 5.3. Tighten bolts/nuts 5.4. Remove the blockage

## 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](http://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.

## 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 (  Impact shredder 2400W) 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 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 or replace it.

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.

## Guarantee

---

**Manufacturer:**

Kingfisher International Products Limited  
3 Sheldon Square, W26PX London United Kingdom  
[www.kingfisher.com/products](http://www.kingfisher.com/products)

**Distributor:**

B&Q plc  
Chandlers Ford, Hants, SO53 3LE, United Kingdom  
[www.diy.com](http://www.diy.com)

**Screwfix Direct Limited**

Trade House, Mead Avenue, Yeovil, BA22 8RT, United Kingdom  
[www.screwfix.com](http://www.screwfix.com)

In more detail...





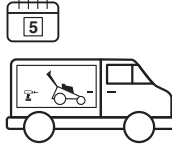


# Customer Care and Technical Helpline

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



**NOTE:** Before collection, all fuel must be removed from petrol powered machines.

## 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

In more detail...

## Availability of Spare Parts

---

Contact the customer service helpline for assistance or visit [www.kingfisher-spares.com](http://www.kingfisher-spares.com)

For assistance contact the customer services helpline:

UK 0800 0789647 [uk@Kingfisherservice.com](mailto:uk@Kingfisherservice.com)

EIRE 1800 932226 [eire@kingfisherservice.com](mailto:eire@kingfisherservice.com)


Further information about this product can also be found at:

[www.kingfisher.com/products](http://www.kingfisher.com/products)

In more detail....

## Technical specifications

### General

- > **Rated voltage, frequency** : 220-240 V~, 50 Hz
- > **Rated power input** : 2400 W (P40)
- > **Rated no load speed  $n_0$**  : 3940 min<sup>-1</sup>
- > **Max. branch shredding diameter** : Ø 40 mm
- > **Collection bag capacity** : 60 L
- > **Protection class** : II / 
- > **Degree of protection** : IP24
- > **Wheel size** : 200 mm
- > **Weight** : approx. 12 kg
- > **Dimensions (fully assembled)** : approx. 432\*510\*970 mm

### Sound values

- > **Sound pressure level  $L_{pA}$**  : 98 dB(A)
- > **Uncertainty  $K_{pA}$**  : 3 dB(A)
- > **Measured sound power level  $L_{WA}$**  : 104.0 dB(A)
- > **Uncertainty  $K_{WA}$**  : 3.41 dB(A)
- > **Guaranteed sound power level  $L_{WA}$**  : 107 dB(A)

### Vibration values

- > **Hand arm vibration  $a_h$**  : < 2.5 m/s<sup>2</sup>
- > **Uncertainty  $K$**  : 1.5 m/s<sup>2</sup>

### P40: Operating mode - Continuous-operation periodic duty

A sequence of identical duty cycles, each cycle consisting of a time of operation at constant load (40%) and a time of operation at no-load (60%).

The sound values have been determined according to noise test code given in EN 60335-1 and EN 50434, using the basic standards EN ISO 11201 and ISO 3744.

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

The declared vibration value and sound values have been measured in accordance with a standard test method and may be used for comparing one product with another.

The declared vibration total value(s) and the declared noise emission value(s) may also be used in a preliminary assessment of exposure.

In more detail...

## Technical specifications



**WARNING!** The vibration and noise emissions during actual use of the power tool can differ from the declared values depending on the ways in which the tool is used especially what kind of workpiece is processed; and need to identify safety measures to protect the operator that are based on an estimation of exposure in the actual conditions of use (taking account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle in addition to the trigger time).

## Rating label explanation

### Impact shredder: MIS2400

M = MAC Allister

IS = Impact shredder

2400 = Rated power (W)



# Declaration of conformity

---

In more detail....



**Manufacturer, Fabricant, Producător, Producător, Fabricante:**

**UK Manufacturer:**

Kingfisher International Products Limited  
3 Sheldon Square, London, W2 6PX  
United Kingdom  
[www.kingfisher.com/products](http://www.kingfisher.com/products)

**EU Manufacturer:**

Kingfisher International Products B.V.  
Rapenburgerstraat 175E  
1011 VM Amsterdam  
The Netherlands  
[www.kingfisher.com/products](http://www.kingfisher.com/products)

- |           |                                                          |                                                                                                                                                          |
|-----------|----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>EN</b> | <a href="http://www.diy.com">www.diy.com</a>             | To view instruction manuals online, visit <a href="http://www.kingfisher.com/products">www.kingfisher.com/products</a>                                   |
| <b>FR</b> | <a href="http://www.castorama.fr">www.castorama.fr</a>   | Pour consulter les manuels d'instructions en ligne, rendez-vous sur le site <a href="http://www.kingfisher.com/products">www.kingfisher.com/products</a> |
| <b>PL</b> | <a href="http://www.castorama.pl">www.castorama.pl</a>   | Aby zapoznać się z instrukcją obsługi online, odwiedź stronę <a href="http://www.kingfisher.com/products">www.kingfisher.com/products</a>                |
| <b>RO</b> | <a href="http://www.bricodepot.ro">www.bricodepot.ro</a> | Pentru a consulta manualele de instrucțiuni online, vizitați <a href="http://www.kingfisher.com/products">www.kingfisher.com/products</a>                |
| <b>TR</b> | <a href="http://www.koctas.com.tr">www.koctas.com.tr</a> | Kullanım kılavuzuna internet üzerinden ulaşmak için <a href="http://www.kingfisher.com/products">www.kingfisher.com/products</a> adresini ziyaret edin   |