

EN

Original Instructions
Version 1 - December 2024



230V 1050W

ELECTRIC TILLER

24183



1. Preface

These are the original product instructions. This document is part of the product; retain it for the life of the product, passing it on to subsequent holders. Read this manual in full before attempting to assemble, operate or maintain this product.

This Draper Tools manual describes the purpose of the product and contains all the necessary information to ensure its correct and safe use. Following all the instructions and guidance in this manual will ensure the safety of both the product and the operator and increase the lifespan of the product.

All photographs and drawings within this manual are supplied by Draper Tools to help illustrate correct operation of the product.

Every effort has been made to ensure the information contained in this manual is accurate. However, Draper Tools reserves the right to amend this document without prior warning. Always use the latest version of the product manual.

1.1 Product Reference

User Manual for: 230V 1050W Electric Tiller

Stock No: 24183

Part No: GT1050/360D

1.2 Revisions

Version 1: December 2024

First release

As our manuals are continually updated, always ensure that the latest version is used.

Please visit drapertools.com/manuals for the latest version of this manual and the associated parts list, if applicable.

1.3 Understanding the Safety Content of This Manual



WARNING! – Situations or actions that may result in personal injury or death.



CAUTION! – Situations or actions that may result in damage to the product or surroundings.

Important: – Information or instructions of particular importance.

1.4 Copyright © Notice

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In all cases, this copyright notice must remain intact.

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3.1 Intended Use

This product is designed to loosen and turn over soil and for mixing coarse soil with fertiliser, peat and compost. Ideal for use in small gardens, allotments and flower beds.

Any other application beyond the conditions established for use will be considered misuse. Draper Tools accepts no responsibility for improper use of this product.

Read this manual in full before attempting to assemble, operate or maintain the product, and retain it for later use.

3.2 Specification

Stock No.	24183
Part No.	GT1050/360D
Rated Voltage:	220 - 240V/50Hz
Rated Power Input:	1050W
Maximum Speed (No load):	390rpm
Maximum Working:	
Depth:	180mm
Width:	360mm
Cord Length (approx.):	10M
Noise Emissions:	
Sound Pressure Level:	80.4dB (A)
Sound Power Level:	89.5dB (A)
Guaranteed Sound Power Level:	93dB (A)
Vibrations:	1.582m/S²
Storage Temperature:	10 - 30°C
Protection Rating:	IPX4
Net weight:	9.6kg

Important: The declared vibration total values and noise emissions values have been measured in accordance with a standard test method and may be used for comparing one tool with another. These values may also be used in a preliminary assessment of exposure.



WARNING! The vibration and noise emissions during actual use of the product can differ from the declared values depending on the type of work and the area upon which it is used. Before each use, estimate the likely exposure resulting from the actual conditions of use. Take into account all parts of the operation cycle in order to identify any safety measures required to protect the operator.

Important: Read all the Health and Safety instructions before attempting to operate, maintain or repair this product. Failure to follow these instructions may result in injury or damage to the user, or the product.

4.1 General Health and Safety Precautions

Training

- Read the instructions carefully. Be familiar with the controls and the proper use of the equipment. Retain for later use.
- Never allow children or people unfamiliar with these instructions to use this machine. Local regulations can restrict the age of the operator.
- Never work while people, especially children or pets, are nearby.
- This machine **MUST NOT** be used by children and persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning the use of the machine by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the machine.
- Keep in mind that the operator or user is responsible for accidents or hazards occurring to other people or their property.

Preparation

- While operating the machine, always wear substantial footwear and long trousers.
- **DO NOT** operate the machine when barefoot or wearing open-toed sandals.
- Thoroughly inspect the area where the tiller is to be used and remove all objects which could be thrown up by the machine.
- Before using, always visually inspect the blades, blade bolts and blade assembly for wear or damage. Replace any worn or damaged components.
- Before use check the supply and extension cord for signs of damage or wear. If the cord becomes damaged during use, disconnect the cord from the power supply immediately. **DO NOT TOUCH THE CORD BEFORE DISCONNECTING THE SUPPLY.** Do not use the machine if the cord is damaged or worn.
- **DO NOT** abuse the cord. Never use the cord for carrying, pulling or unplugging the machine. Keep

the cord away from heat, oil, sharp edges and moving parts. Damaged or entangled cords increase the risk of electric shock.

Operation

- **NEVER** use the machine in rain or wet conditions.
- **DO NOT** use this product to till extremely dry or wet soil.
- **DO NOT** work close to trees in case the machine cuts through roots.
- Operate the machine only in daylight or in good artificial light.
- Always be sure of your footing on slopes.
- Walk, never run.
- Work across slopes, never up and down.
- Exercise extreme caution when changing direction on slopes.
- **DO NOT** use on excessively steep slopes.
- Use extreme caution when reversing or pulling the machine towards you.
- **DO NOT** change the motor governor settings or over speed the motor.
- **NEVER** operate the machine with defective guards or without safety devices fitted.
- Ensure that all warning labels are in place and safety features and operation controls function correctly before use.



WARNING! Always keep a firm grip on the machine with both hands and watch your feet; the blades may cause an accident. Take care when moving backwards to prevent tripping!

- **Keep the cord and your feet well away from the cutting blades.**
- **DO NOT** start the machine when standing in front of the discharge opening.
- **DO NOT** put hands or feet near or under rotating parts. Keep clear of the discharge opening at all times.
- Do not transport the machine while the cutting blade is running.
- You must stop and unplug the machine immediately from the socket (or other disabling device), and make sure that all moving parts have come to a complete stop:
 - Whenever you leave the machine.
 - Before clearing blockages.
 - Before checking, cleaning or working on the machine.

- After striking a foreign object. Inspect the machine for damage and repair before restarting and operating the machine.
- If the machine starts to vibrate abnormally, stop immediately and manually:
 - Inspect for damage:
 - Replace or repair any damaged parts.
 - Check for and tighten any loose parts.
- **DO NOT** touch the gearbox, as it may become hot during operation.



WARNING! To avoid damage to the machine.

- **NEVER** lift or drag the machine while the motor is running.
- **Always lift the machine when moving it over hard surfaces, such as tiles or steps.**

Maintenance and Servicing

- Keep all nuts, bolts and screws tight to be sure the machine is in a safe working condition.
- Take care as manually rotating one blade can cause other blades to rotate.
- Be careful when adjusting the machine to prevent entrapment of the fingers between moving blades and fixed parts of the machine.
- **Always** allow the machine to cool down before storing.
- Replace worn or damaged parts and only use genuine recommended replacement parts and accessories.
- Have your machine repaired by an authorised service agent. To avoid danger, equipment must only be repaired by qualified technicians.


4.2 Connection to the Power Supply

- This appliance is supplied with an approved plug and cord for your safety.
- If the power supply cord is damaged, it must be replaced by Draper Tools, an authorised service agent or similarly qualified personnel in order to avoid a hazard.
- The damaged or incomplete plug, when cut from the cord, shall be disabled to prevent connection to a live electrical outlet.
- This product is a Class II† appliance and is designed for connection to a power supply matching that detailed on the rating label and compatible with the plug fitted.

- The value of the fuse fitted is marked on the pin face of the plug. Should the fuse need replacing, use a small plain-slot screwdriver to remove the fuse cover. Ensure the substitute is of the correct rating, approved to BS 1363/A and ASTA or BS Kite marked. This should only be performed by suitably qualified personnel.
- If an extension lead is required, use an approved and compatible lead rated for this appliance and for outdoor use.
- Follow all the instructions supplied with the extension lead.

Important: Always follow the extension lead instructions regarding maximum load while the cable is wound. If in doubt, unwind the entire cable. A coiled extension lead generates heat which could melt the lead and cause a fire.

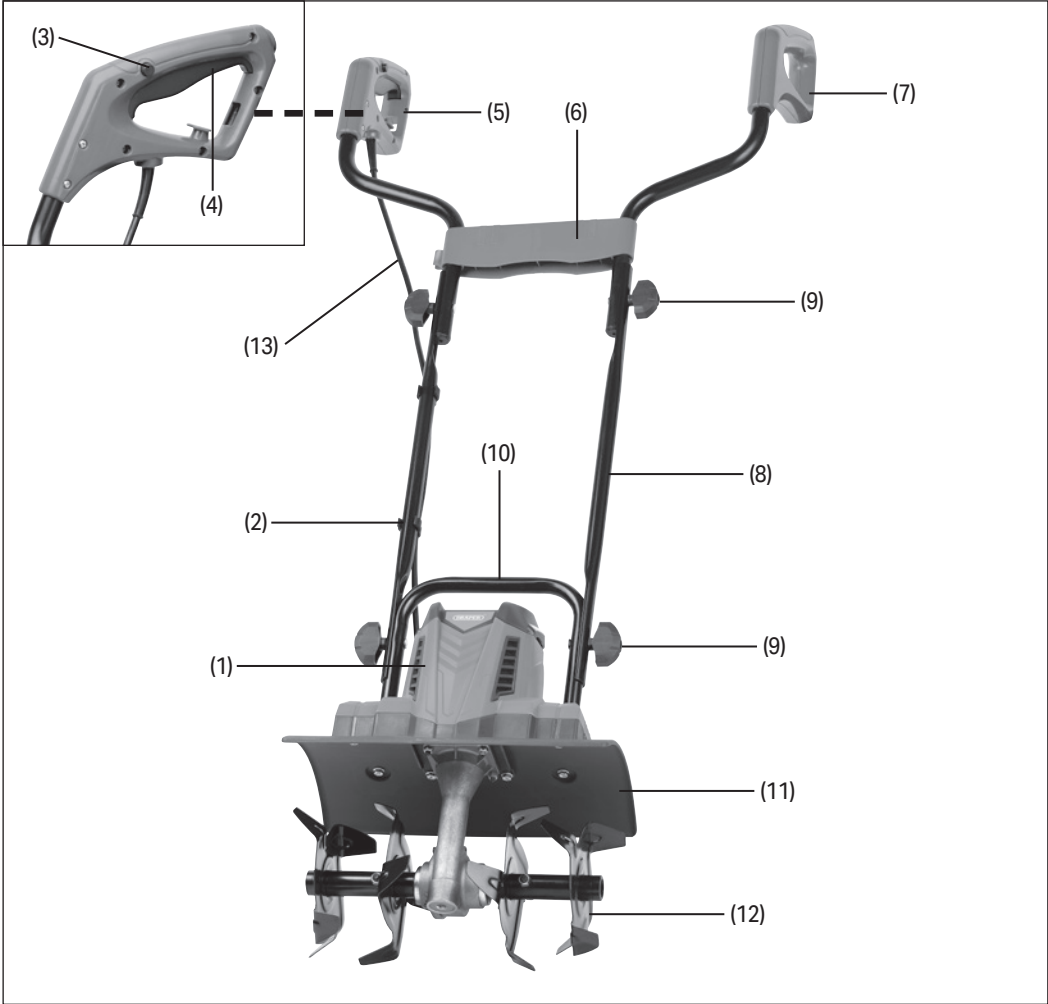
- It is recommended that this product is used with a residual current device (RCD) with a tripping current of not more than 30mA to reduce the risk of electrical shocks.

†Double insulated  : This product is double insulated and does not require an earth connection to protect against electric shock from accessible conductive parts in the event of failure of the basic insulation.

4.3 Residual Risk

- The safety instructions in this manual cannot account for all possible conditions and situations that may occur. Exercise common sense and caution when using this product and protect against any additional conceivable risks.

5.1 Product Overview

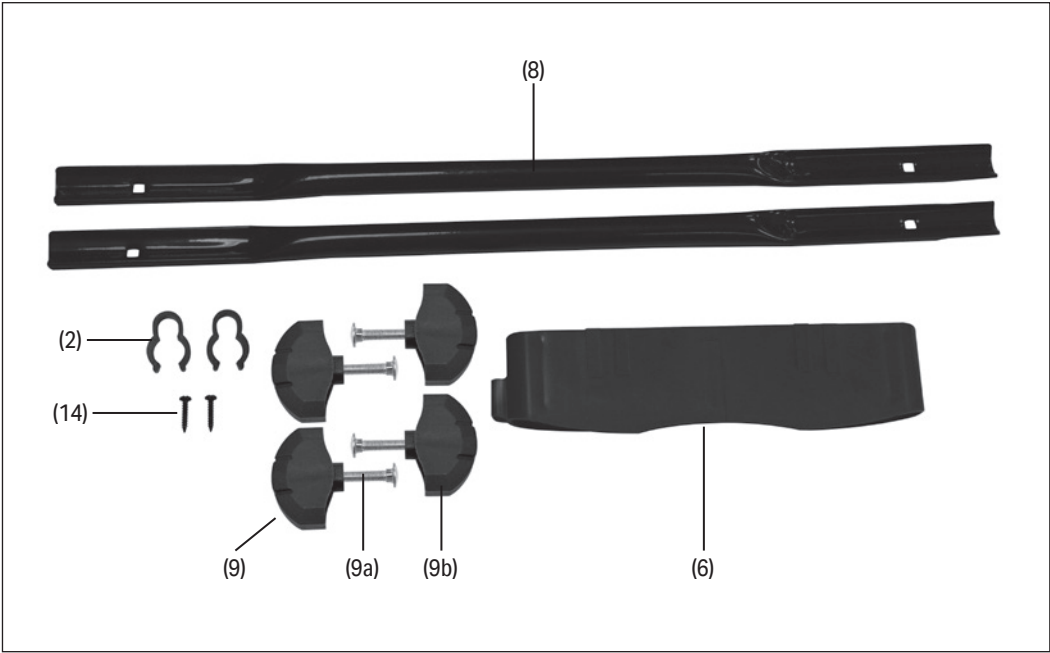


- | | | | |
|-----|--|------|----------------------------|
| (1) | Motor housing | (8) | 2 X Middle handle sections |
| (2) | 2 x cord clips | (9) | 4 X Handle bolts |
| (3) | Lock button | (10) | Lower handle |
| (4) | ON/OFF trigger | (11) | Protection guards |
| (5) | Right handle grip with ON/OFF control | (12) | 4 X Rotor blades |
| (6) | Frame | (13) | Power cord and plug |
| (7) | Left handle grip | | |

5.2 What's in the Box?

Carefully remove the product from the packaging and examine it for any signs of damage that may have occurred during shipment. Before assembling the product, lay the contents out and check them against the parts shown

below. If any part is damaged or missing, do not attempt to use the product. Please contact the Draper Helpline; contact details can be found at the back of this manual.



- | | | | |
|-----|---------------------------|------|------------------|
| (2) | 2 X Cord clips | (9a) | 4 X bolts |
| (6) | 1 X Frame | (9b) | 4 X nuts |
| (8) | 2 X Middle handle section | (14) | 2 X Frame screws |
| (9) | Handle Fixings | | |

5.3 Packaging

Keep the product packaging for the duration of the warranty period in case the product needs to be returned for repair.



WARNING! Keep packaging materials out of reach of children. Dispose of packaging correctly and responsibly and in accordance with local regulations.

Please visit [drapertools.com](https://www.drapertools.com) for our full range of accessories and consumables.

Important: Before preparing or adjusting this product, read and understand all the safety instructions listed in this manual.

6.1 Fitting the Frame (Fig. 1)

1. Slide the right (5) and left (7) handle bars into the frame (6).
- Ensure that the cord holder is positioned on the same side as the control handle (5).
2. Align the hole in the handle with the hole in the frame and fasten one at a time.
3. Secure the frame using the two screws (14) supplied with a cross-slot screwdriver.

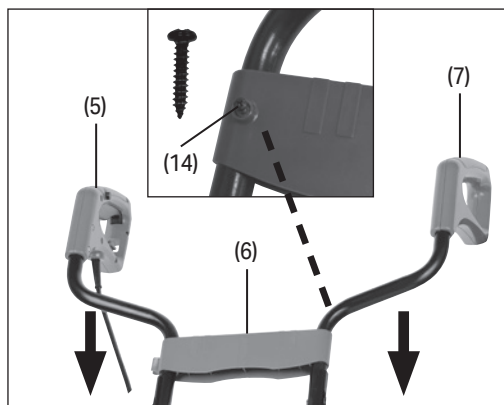


Fig. 1

6.2 Assembling the Handles (Fig. 2 – Fig. 4)

1. Align the upper handles (5) and (7) with the middle handle sections (8).
2. Secure together using two fixing bolts and nuts (9).
3. Then align the assembled handles with the lower handle (10) and secure with two fixing bolts and nuts (9).

Note:

4. Clamp the cord in the cord clips (2) and fit the clips to the middle section of the right handle.

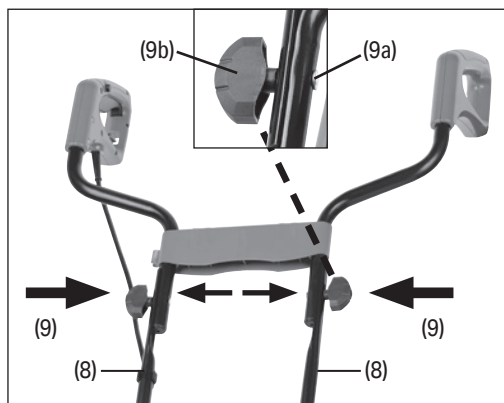


Fig. 2

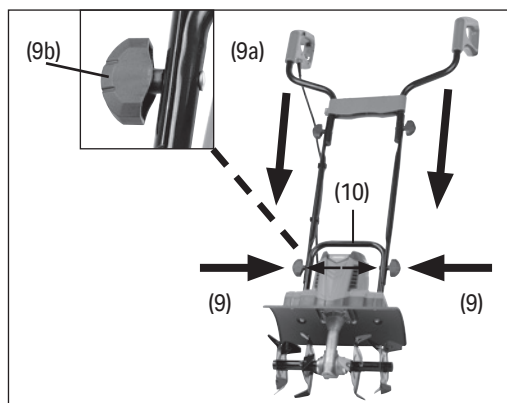


Fig. 3

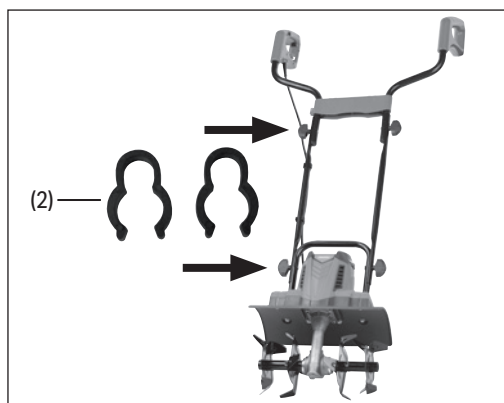


Fig. 4

Important: Before operating this product, read and understand all the safety instructions listed in this manual. Ensure that the product is fully assembled and correctly prepared for use.

7.1 ON/OFF Switch Operation (Fig. 5)

Note: For your safety, this tiller is equipped with a double switch system. This system prevents starting the machine inadvertently. You must first press the lock button (3), and then press and hold the trigger switch (4).

- **To switch 'ON'** – Press the lock button (3). Then press and hold the trigger (4) and release the lock button.
- **To switch 'OFF'** – Release the trigger switch (4).

Note: **NEVER** attempt to hold the trigger switch without pressing the lock button first.

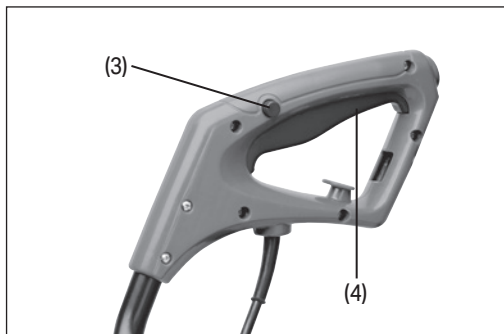


Fig. 5

7.2 Basic Operation

- Move the tiller forward through the soil at a normal pace and in as straight a line as possible.
- **Important: ALWAYS** work away from the mains socket. Ensure that the cord is kept well away from the working area and the blades.
- **Overload Protection:** The motor will cut out immediately if overloaded. The machine cannot be used again until it has completely cooled down.

- Proper and regular maintenance of the product will ensure a longer lifespan and consistent performance. Failure to correctly maintain the product may result in rapid deterioration of its performance.
- **Important:** **ALWAYS** switch off the tiller, allow it to completely stop and cool before performing any maintenance. **NEVER** attempt to perform any maintenance with the blades rotating.

8.1 General Maintenance

- Wipe over the exterior with a damp cloth only. **DO NOT** use abrasive cleaners or solvent as they may damage the plastic parts.
- Always keep the air vents clean and free from obstructions. Clean the air vents after every use with a cloth and brush.
- Check for and replace any worn and damaged parts after and before each use.
- Regularly check for obvious defects, such as loose, dislodged or damaged cutting devices, loose fixings and worn or damaged components.
- Check that safety guard is undamaged and correctly fitted.
- Store the product in a dark, dry, frost-free, well-ventilated place, out of the reach of children.

8.2 Replacing the Cutting Blades (Fig. 6)

Important:

- Always wear safety gloves when working on the cutting blades.
- **Important:** The tiller is fitted with four blades that can be placed in pairs and fitted on either the left or right side.



WARNING! Make sure that the blades (C) are set to the correct turning direction. **NOTE:** The arrows on the gearbox and blades should point the same way.

1. Unscrew the hex bolt and the self-locking nut (A) on the blade pair (C).
2. Slide the blade pair off the drive shaft (B).
3. Clean the drive shaft with a suitable lubricating oil.
4. Slide the new blades onto the drive shaft with the holes on the axles aligned to the holes on the drive shaft (B).
5. Slide the hex bolt through the hole and tighten on the self-locking nut (A).

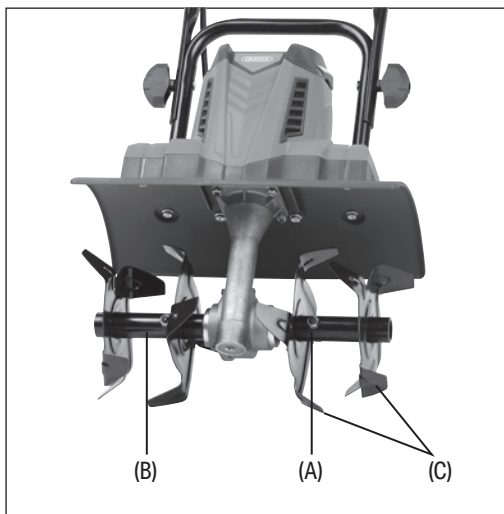


Fig. 6

8.3 Troubleshooting

Problem	Possible Cause	Remedy
Tiller does not start.	Not connected to power supply.	Connect to power supply.
	On/Off control not operated correctly.	Press the lock button and hold and press the trigger.
Tiller does operate at full power.	Extension cord not suitable.	Use a correctly rated extension cord.
	Air vents blocked.	Switch off and unplug and Clean the air vents.
Poor results.	Cutting blades.	Replace or sharpen blades – Refer to Section 8.2.

9. Spares, Returns and Disposal

For spare parts, servicing, and repair and replacement options, please contact the Draper Tools Product Helpline for details of your nearest authorised agent.

Draper Tools will endeavour to hold any spare parts, if applicable, for seven years from the date that it sells the final matching stock item.

Any servicing or repairs carried out by unauthorised personnel or installation of spare parts not supplied by Draper Tools will invalidate your warranty.

- **DO NOT** dispose of this product with domestic waste; most local authorities provide appropriate recycling facilities.



10. Warranty

Draper Tools products are carefully tested and inspected before shipment and are guaranteed to be free from defective materials and workmanship.

Should the tool develop a fault, return the complete tool to your nearest distributor or contact Draper Tools directly. Contact information can be found at the back of this manual.

Proof of purchase must be provided.

If, upon inspection, it is found that the fault occurring is due to defective materials or workmanship, repairs will be carried out free of charge. This warranty period covers parts and labour for 24 months from the date of purchase.

Where tools have been hired out, the warranty period covers 90 days from the date of purchase.

This warranty does not apply to any consumable parts, batteries or normal wear and tear, nor does it cover any damage caused by misuse, careless or unsafe handling, alterations, accidents, or repairs attempted or made by any personnel other than the authorised Draper Tools repair agent.

In all cases, to make a claim for faulty workmanship or materials within the standard warranty period, please contact or return the product to the place of purchase.

Proof of purchase may be required.

If the place of purchase is no longer trading or if you experience any difficulties with your warranty, please contact Customer Services with the product details and your proof of purchase. Contact details can be found at the back of this manual. If the tool is not covered by the terms of this warranty, repairs and carriage charges will be quoted and charged accordingly.

This warranty supersedes any other guarantees expressed or implied and variations of its terms are not authorised.

Your Draper Tools guarantee is not effective until you can produce, upon request, a dated receipt or invoice to verify your purchase within the guarantee period.

Please note that this warranty is an additional benefit and does not affect your statutory rights.

Draper Tools Limited

11. Explanation of Symbols



Read the instruction manual.



Warning!



Wear face mask and safety glasses



Wear ear defenders



Wear suitable protective footwear.



WEEE –
Waste Electrical & Electronic Equipment.
Do not dispose of Waste Electrical & Electronic Equipment in
with domestic rubbish.



UK Conformity Assessed



European conformity



Class II construction
(Double insulated)



There is a risk that some objects could be
thrown out by the machine. Keep
bystanders away.



Rotating parts may cause serious injury.
Make sure the blades come to a complete
stop before transporting the machine or
before inspecting, cleaning, or conducting
any other maintenance.



Beware of sharp blades. Blades continue
to rotate after the motor is switched off.
Remove the plug from the mains before
maintenance or if the cord is damaged.



Keep the flexible supply cord away from
cutting means.



Disconnect the mains plug if the cord
becomes damaged or entangled.



Do not operate or expose the product to
rain or wet conditions.



Continuous A-Weighted Sound Pressure
Level.

Contact Details

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Please contact the Draper Tools Product Helpline for repair and servicing enquiries.