



PETROL

BRUSH CUTTER

69301



These instructions accompanying the product are the original instructions. This document is part of the product, keep it for the life of the product passing it on to any subsequent holder of the product. Read all these instructions before assembling, operating or maintaining this product.

This manual has been compiled by Draper Tools describing the purpose for which the product has been designed, and contains all the necessary information to ensure its correct and safe use. By following all the general safety instructions contained in this manual, it will ensure both product and operator safety, together with longer life of the product itself.

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

Whilst every effort has been made to ensure the accuracy of information contained in this manual, the Draper Tools policy of continuous improvement determines the right to make modifications without prior warning.

TITLE PAGE

1.1 INTRODUCTION:

USER MANUAL FOR: Petrol Brush Cutter

Stock No: 69301 Part No: GTP8

1.2 REVISIONS:	
Date first published December 2018.	

As our user manuals are continually updated, users should make sure that they use the very latest version.

Downloads are available from: http://drapertools.com/manuals

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1.3 UNDERSTANDING THIS MANUALS SAFETY CONTENT:

WARNING! – Information that draws attention to the risk of injury or death. **CAUTION!** – Information that draws attention to the risk of damage to the product or surroundings.

1.4 COPYRIGHT © NOTICE:

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3. WARRANTY

3.1 WARRANTY

Draper tools have been carefully tested and inspected before shipment and are guaranteed to be free from defective materials and workmanship.

Should the tool develop a fault, please return the complete tool to your nearest distributor or contact:

Draper Tools Limited, Chandler's Ford, Eastleigh, Hampshire, SO53 1YF. England.

Telephone Sales Desk: (023) 8049 4333 or:

Product Helpline (023) 8049 4344.

A 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 covering labour is 12 months from the date of purchase except where tools are hired out when the warranty period is 90 days from the date of purchase. The warranty is extended to 12 months for parts only. This warranty does not apply to any consumable parts, any type of battery 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 warranty repair agent.

Note: If the tool is found not to be within the terms of warranty, repairs and carriage charges will be quoted and made accordingly.

This warranty applies in lieu of any other warranty expressed or implied and variations of its terms are not authorised.

Your Draper warranty is not effective unless you can produce upon request a dated receipt or invoice to verify your proof of purchase within the warranty period.

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

Draper Tools Limited.

4. INTRODUCTION

4.1 SCOPE

This product is designed for the cutting of grass, weeds and similar soft vegetation with the line trimmer head.

With the brush cutter blade fitted it can cut stubborn weeds and brush.

4.2 SPECIFICATION

Stock No.	69301
Part No.	GTP8
Engine type	Single cylinder 4-stroke
Engine displacement	31cc
Fuel tank capacity	0.75L
Cutting attachment:	
Grass trimmer:	
Type	
Cutting diameter	440mm
Brush cutter:	
Type	2 tooth motal blade
Type	3 tooth metal blade255mm
TypeBlade diameter:	255mm
Blade diameter:	255mm 1100W
Blade diameter:	255mm 1100W 8,200min ⁻¹
Blade diameter:	
Blade diameter: Maximum engine performance (ISO 8893) Engine speed at recommended max. spindle rotational frequency. Engine speed at idling Vibration level Sound pressure level	
Blade diameter:	

4.3 HANDLING AND STORAGE

- Care must be taken when handling this product.
 - Dropping this power tool could have an effect on its accuracy and could also result in personal injury. This product is not a toy and must be respected.
- Environmental conditions can have a detrimental effect on this product if neglected.
 - Exposure to damp air can gradually corrode components.
 - If the product is unprotected from dust and debris, components will become clogged.
 - If not cleaned and maintained correctly or regularly, the machine will not perform at its best.
- * Continuous A-Weighted Sound Pressure Level at the workstation in accordance to prEN ISO 15744:1999 and declared according to EN ISO 4871.
- ** A-Weighted Sound Power Level in accordance to prEN ISO 15744:1999 and declared according to EN ISO 4871.

5. HEALTH AND SAFETY INFORMATION

5.1 GENERAL SAFETY INSTRUCTIONS FOR POWER TOOL USE

When using any type of power tool there are steps that should be taken to make sure that you, as the user, remain safe.

Common sense and a respect for the tool will help reduce the risk of injury.

Read the instruction manual fully. Do not attempt any operation until you have read and understood this manual.

Most important you must know how to safely start and stop this machine, especially in an emergency.

Keep the work area tidy and clean. Attempting to clear clutter from around the machine during use will reduce your concentration. Mess on the floor creates a trip hazard. Any liquid spilt on the floor could result in you slipping.

Find a suitable location. If the machine is bench mounted, the location should provide good natural light or artificial lighting as a replacement. Avoid damp and dust locations as it will have a negative effect on the machine's performance. If the machine is portable do not expose the tool to rain. In all cases do not operate power tools near any flammable materials.

Keep bystanders away. Children, onlookers and passers by must be restricted from entering the work area for their own protection. The barrier must extend a suitable distance from the tool user.

Unplug and house all power tools that are not in use. A power tool should never be left unattended while connected to the power supply. They must be housed in a suitable location, away locked up and from children. This includes battery chargers.

Do not overload or misuse the tool. All tools are designed for a purpose and are limited to what they are capable of doing. Do not attempt to use a power tool (or adapt it in any way) for an application it is not designed for. Select a tool appropriate for the size of the job. Overloading a tool will result in tool failure and user injury. This covers the use of accessories.

Dress properly. Loose clothing, long hair and jewellery are all dangerous because they can become entangled in moving machinery. This can also result in parts of body being pulled into the machine. Clothing should be close fitted, with any long hair tired back and jewellery and neck ties removed. Footwear must be fully enclosed and have a non-slip sole.

Wear personal protective equipment (PPE). Dust, noise, vibration and swarf can all be dangerous if not suitably protected against. If the work involving the power tool creates dust or fumes wear a dust mask. Vibration to the hand, caused by operating some tools for longer periods must be protected against. Wear vibration reducing gloves and allow long breaks between uses. Protect against dust and swarf by wearing approved safety goggles or a face shield. These are some of the more common hazards and preventions, however, always find out what hazards are associated with the machine/work process and wear the most suitable protective equipment available.

Do not breathe contaminated air. If the work creates dust or fumes connect the machine (if possible) to an extraction system either locally or remotely. Working outdoors can also help if possible.

Move the machine as instructed. If the machine is hand held, do not carry it by the power supply cable. If the product is heavy, employ a second or third person to help move it safely or use a mechanical device. Always refer to the instructions for the correct method.

Do not overreach. Extending your body too far can result in a loss of balance and you falling. This could be from a height or onto a machine and will result in injury.

Maintain your tools correctly. A well maintained tool will do the job safely. Replace any damaged or missing parts immediately with original parts from the manufacturer. As applicable, keep blades sharp, moving parts clean, oiled or greased, handles clean, and emergency devices working.

Wait for the machine to stop. Unless the machine is fitted with a safety brake, some parts may continue to move due to momentum. Wait for all parts to stop, then unplug it from the power supply before making any adjustments, carrying out maintenance operations or just finishing using the tool.

5. HEALTH AND SAFETY INFORMATION

Remove and check setting tools. Some machinery requires the use of additional tools or keys to set, load or adjust the power tool. Before starting the power tool always check to make certain they have been removed and are safely away from the machine.

Prevent unintentional starting. Before plugging any machine in to the power supply, make sure the switch is in the OFF position. If the machine is portable, do not hold the machine near the switch and take care when putting the machine down, that nothing can operate the switch.

Carefully select an extension lead. Some machines are not suitable for use with extension leads. If the tool is designed for use outdoors, use an extension lead also suitable for that environment. When using an extended lead, select one capable of handling the current (amps) drawn by the machine in use. Fully extend the lead regardless of the distance between the power supply and the tool. Excess current (amps) and a coiled extension lead will both cause the cable to heat up and can result in fire.

Concentrate and stay alert. Distractions are likely to cause an accident. Never operate a power tool if you are under the influence of drugs (prescription or otherwise), including alcohol or if you are feeling tired. Being disorientated will result in an accident.

Have this tool repaired by a qualified person. This tool is designed to conform to the relevant international and local standards and as such should be maintained and repaired by someone qualified, using only original parts supplied by the manufacturer. This will ensure the tool remains safe to use.

5.2 SPECIFIC SAFETY INSTRUCTIONS FOR BRUSH CUTTERS

Read the instruction handbook and follow all safety warnings and safety instruction.

Wear Eye and Hearing protection

Wear head protection, where there is a risk of falling objects

For brush cutters, wear slip resistant footwear and gloves.

The distance between the machine and bystanders shall be at least 15m

Do not use metal blades (unless supplied with the machine) Do not use saw blades.

Beware of thrown objects

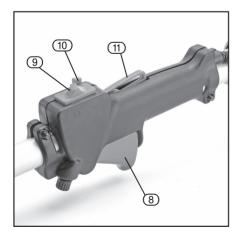
Beware of blade thrust

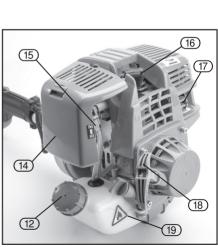
If pictorials are used, they are explained in the instruction handbook.

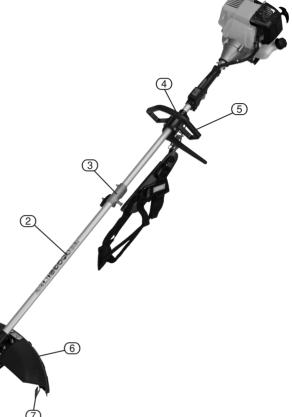
TECHNICAL DESCRIPTION 6.

6.1 IDENTIFICATION

- 1 Blade.
- 2 Shaft.
- Split shaft connection.
- Harness suspension point.
- Handle.
- 4 5 6 7 8 Cutting attachment guard.
- Filament line length trimming blade.
- Throttle trigger.
- 9 Engine stopping device.
- (10) Throttle lock.
- (11) Throttle trigger lockout.
- (12) Fuel tank cap.
- (14) Air filter cover.
- (15) Choke.
- (16) Spark plug cover.
- (17) Silencer (muffler).
- (18) Pull start cord.
- (19) Fuel tank.







UNPACKING AND CHECKING

7.1 PACKAGING

Carefully remove the product from the packaging and examine it for any sign of damage that may have happened during shipping. If any part is damaged or missing, please contact the Draper Help Line (the telephone number appears on the Title page) and do not attempt to use the product.

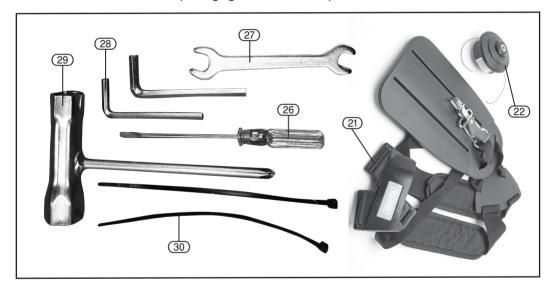
The packaging material should be retained at least during the guarantee period in case the machine needs to be returned for repair.

Warning!

- Some of the packaging materials used may be harmful to children. Do not leave any of these
 materials in the reach of children.
- If any of the packaging is to be thrown away, make sure they are disposed of correctly, according to local regulations.

7.2 WHAT'S IN THE BOX?

As well as the brush cutter the packaging contains several parts not attached to it.



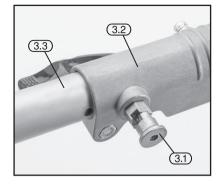
- 21) Shoulder strap/harness quick release.
- 22 Tap 'n' go spool.
- 26 Screwdriver.
- 27) Spanner.
- (28) Hex. keys.(29) Box spanner.
- (30) Cable ties.

8. ASSEMBLING THE BRUSH CUTTER

8.1 SPLIT SHAFT

Pull locking knob (3.1) out whilst inserting lower shaft (3.3) into coupler (3.2). Release locking knob.

Align bolt through coupler thread washer and lock knob over bolt and tighten with capping nut.



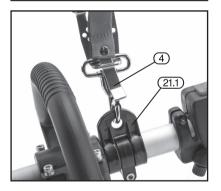


8.2 HARNESS

Fit the shoulder straps and adjust the metal buckle to suit. Mount the brush cutter to the harness by attaching the harness clip (4) onto the harness point (21.1).

It may be prudent to further adjust the straps at this point to ensure a comfortable fit.

Adjust the harness straps so that the brush cutter blade is parallel to the ground. The harness point is fixed during manufacture and should provide suitable machine balance. With a cutting blade fitted the machine should balance with the blade approximately 10cm from the ground to prevent contact with stones etc.



8. ASSEMBLING THE BRUSH CUTTER

Attention: Metal blade is sharp - wear gloves when handling.

8.3 CHANGING THE CUTTING MEANS

Warning: Only use cutting means of the type and design as specified by the manufacturer.

To remove the brush blade invert the machine and insert the hex. key (28) through aperture (1.1) in the guard and locate it in the corresponding aperture on the rear flange. This prevents the blade from rotating.

Whilst holding the hex. key in position, use the box spanner to unscrew the blade securing nut in a clockwise direction.

Note: The spindle has a left hand thread.

Remove nut (25), cup (23), front flange (24), rear flange (24.1) and blade (22).

Note: The rear flange is a tight fit in the blade so may be difficult to detach from the blade.

Note: The blade is reversible and can be fitted either way up.

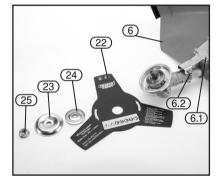
To fit the trimming spool, first mount the plastic guard (6) to mounting point (6.1). Use the hex. bolts (6.2) supplied. Refit the rear flange on to the spindle ensuring correct orientation.

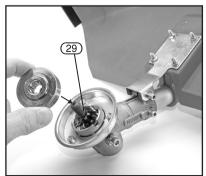
Using a hex. key to lock the spindle through the corresponding apertures (1.1). Screw on the filament line spool anti-clockwise. Ensure the trimmer head is tightened securely to the spindle.

Warning: Take care against injury from any device fitted for trimming the filament line length.









8. ASSEMBLING THE BRUSH CUTTER

8.4 FUEL

This brush cutter is equipped with a 4 stroke air cooled petrol engine.

This type of engine requires unleaded fuel to perform and function. Failure to use the correct fuel will cause permanent damage to the engine. Only use fresh, clean, good quality unleaded fuel.

Attention: Always handle fuel with caution.

Pour the fuel directly into the fuel tank with the aid of a funnel. Replace the cap firmly.

Note: Always refuel in a well ventilated area away from sources of ignition.



9. BRUSH CUTTER INSTRUCTIONS

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Warning: Use of this product can pose a danger to wildlife. Before attempting to use this product check the area, particularly long grass and under bushes, for signs of life and relocate if necessary.

Note: Not all animals will be deterred by the noise of the product alone.

Warning: Do not start the machine until it is fully assembled, correctly adjusted and all functions and controls are familiar.

9.1 COLD STARTING THE ENGINE

Place the brush cutter on a clear, stable piece of ground making sure that the cutting blade is free and not touching any objects.

Ensure that the stop switch ③ is in the 'on' position. Grip the handle, covering the throttle trigger lockout ① with the palm of your hand. Pull the throttle trigger ⑧. Depress throttle lock button ① and release throttle trigger. The trigger will be locked in a partially advance position for starting purposes.

Move choke lever (15) upwards to the $|\!\!/|$ position. Firmly grasp the brush cutter shaft below the power head with your left hand. Slowly pull the recoil starter cord until resistance is felt then proceed to pull the starter using short, sharp movements. (Fig. 1)

Note: Do not pull the starter cord to its full extent or allow it to recoil without control as this can damage the mechanism. Continue to pull the cord until the engine attempts to start. At this point return the choke lever (15) to the open position (down). Pull the starter cord until the engine starts. As soon as the engine is running, gently depress the throttle trigger to release the throttle lock button.

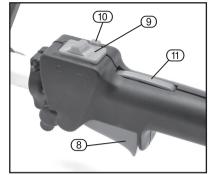
Release the throttle trigger and allow the engine to idle **Warning:** The blade will rotate while the throttle lock button is engaged.

Note: If there is a strong smell of fuel this indicates the engine may be flooded. Wait a few minutes before attempting to re-start the machine as if the engine were warm i.e. no choke.

Allow the engine to run at low speed for approx. 1 minute before running at full throttle.

9.2 WARM STARTING THE ENGINE

Position the stop to the 'on' position. Engage the throttle lock button. Without any choke, pull the starter cord to start the engine. Gently depress the throttle trigger to release the throttle start button.







9. BRUSH CUTTER INSTRUCTIONS

9.3 STOPPING THE ENGINE

To stop the engine, slide the 'stop' switch upwards to the 'off' position.

Warning: The cutting blade will continue to rotate for a period after the throttle has been released/the engine stopped.

WORKING TECHNIQUES

9.4 BRUSH CUTTING

This brush cutter blade is intended to cut coarse grass, weed, brush or similar vegetation.

Note: The cutting blade should not be used on woody stems with a diameter greater than 2cm.

Begin cutting at full throttle. The brush is cut down using sweeping sideways movements. Clearing is done on the right to left stroke with the left hand side of the blade (between approx 8-12 o'clock) performing the cut.

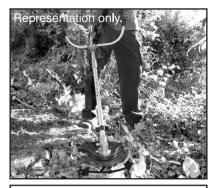
As much as possible, try to work systematically. Stand firmly with your feet approximately shoulder width apart. Move forward after the return stroke and stand firmly once again. Prevent the blade contacting the ground. To avoid risk of material becoming wrapped around the blade, always work at full throttle and where possible avoid previously cut material on the return stroke.

9.5 BLADE THRUST

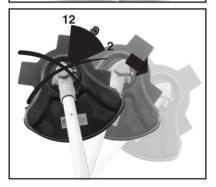
Definition:

Sudden and uncontrolled motion towards the operators side or rear that may occur when the rotating blade comes in contact with a solid object such as a tree, rock or wall.

This is particularly the case if attempting to make a cut with the blade segment between 12 and 2 o'clock. Use of this blade segment should be avoided; failure to do so can lead to uncontrollable kickback and possible risk of personal injury. To avoid kickback only use the blade segment between 8 and 12 o'clock. Performing cuts using the blade segment between 2 and 5 o'clock should be carried out by trained and experienced operators only.







BRUSH CUTTER INSTRUCTIONS

9.6 GRASS TRIMMING

The nylon filament line head is intended to cut grass or similar soft vegetation only. Line can easily wear due to contact with trees, stones, walls, fences etc.

As with the metal blade, grass is cut using sweeping sideways movements keeping the line parallel to the ground, however cutting of vegetation can be achieved around the entire trimming head circumference.

Note: The most effective cutting area shown in figure 13. Be careful not to strike the ground with the trimming head or line as this can cause excessive wear, and damage the lawn surface. This can also lead to unintentional release of nylon line due to the 'Tap n 'Go mechanism. Check the nylon line regularly and adjust if necessary.

This machine is fitted with a tap'n'go cutting spool. To release more line, while the head is rotating gently tap button (1.3) on solid ground. The line will automatically be advanced and the diameter trimmed to give an even cut.

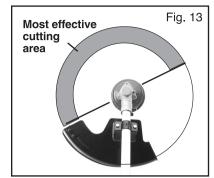
Note: Care should be taken not to release too much line as wastage and possible guard damage can occur. Small amounts of excess line will be removed by the blade fitted to the underside of the guard. Should the line not be correctly released, manual adjustment should be made.

Note: Ensure the engine is switched off and the cutting blade stopped before attempting to carry out this adjustment. To remove the spool from the machine, press the sides of the spool body (1.5) as indicated to release the spool cap (1.6). If more line is required, simply pull both protruding ends (1.4).

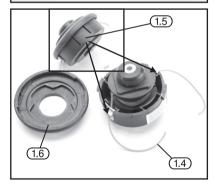
If there is excess line, turn the tap'n'go button clockwise to retract as required. As a guide, the max. line length is approx.15cm.

Note: Ensure the function of the tap'n'go spool is correct before restarting the machine.

The cutting means are affected by general wear and tear and as such are considered consumable items.







10. MAINTENANCE & TROUBLESHOOTING

Warning: Do not carry out repairs on this machine if you are not qualified to do so with the exemption of the items listed in this maintenance section.

10.1 CARBURETTOR ADJUSTMENT

Warning: During this operation the cutting blade will be moving. Observe all necessary safety precautions.

Note: The cutting blade MUST NOT move while the engine is at idle speed.

The carburettor has been set at standard values during manufacture. Adjustments to these values may be required if the cutting blade moves at idle or the machine will not idle. To adjust, start the engine and idle to warm up. If the engine stalls, the idle speed is too slow, if the cutting blade moves the idle speed is too fast. Using a plain slot screwdriver, turn adjustment screw (15.1) clockwise to increase idle speed or anti-clockwise to decrease.

Stop the engine, allow to cool and disconnect the spark plug ignition lead before carrying out maintenance or adjustment on this machine.



A clogged air filter both reduces the efficiency of the engine and cutting, but also increases fuel consumption.

Remove air filter cover by unscrewing knob. Lift off cover being careful of the choke lever and locating tabs.

Remove the air filter and clean in warm soapy water. Allow to dry completely before refitting. Always replace the filter if it is damaged or when dirt cannot be washed out.

10.3 SPARK PLUG

The spark plug should be replaced annually or when the brush cutter has problems starting.

Unscrew and remove the spark plug cover to revel the spark plug.

Carefully pull off the spark plug HT lead.

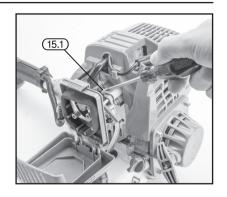
Using the box spanner supplied unscrew the plug anti-clockwise.

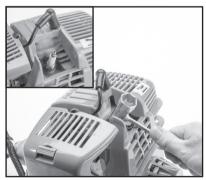
Note: Ensure the spark plug has the correct heat range for this machine.

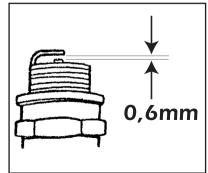
If the electrodes are excessively soiled or are very worn, replace with a suitable equivalent plug.

Excessive soiling can be due to the ratio of oil to fuel is too high. Or not the appropriate type or the air filter is partially clogged.

Note: The spark plug gap should be 0.6mm. Use feeler gauge to check the gap.







10. MAINTENANCE & TROUBLESHOOTING

DANGER! In order to maintain the original safety features, do not make any changes to the machine. In case of repairs, only use genuine spare parts.

Before each use, check that there are no loose or damaged parts or screws and that there are no cracks or signs of wear on the cutting blades.

Replace the damaged parts at an authorised service centre before using the machine.

10.4 CLEANING, TRANSPORT & STORAGE

Note: Stop the engine and allow to cool before cleaning, transporting or storing the machine.

Clean the unit after each use. Only use a mild detergent and sponge on plastic surfaces. Do not use aggressive cleaning agents.

Separation of fuel can lead to acids forming during storage. In order to avoid engine problems empty fuel system if storing for longer than 30 days. Empty the fuel tank, start the engine and allow to run until it stops. Ensure fresh fuel is used next season. Never use engine or carburettor cleaning products in the fuel tank as permanent damage may occur.

To prevent starting/running problems after storage, lay the machine horizontally with the fuel tank on the underside.

Do not store the machine or fuel in an enclosed area where fuel vapours can reach sparks or flame from switches, heaters, electric motors etc.

Store in a safe area out of the reach of children.

WARNING: ALWAYS STOP THE UNIT AND DISCONNECT THE SPARK PLUG PRIOR TO PERFORMING ANY OF THE REMEDIES, EXCEPT WHERE THE REMEDY REQUIRES THE ENGINE TO BE RUNNING.

PROBLEM.	PROBABLE CAUSE.	REMEDY SUGGESTED	
Engine will not start or only runs for a few seconds.	 Fuel tank empty. No fuel reaching carburettor Engine flooded Stop switch off. Spark plug. 	 Fill with correct fuel. Check for a dirty fuel filter; clean or replace. Check for damage to fuel line. Wait a few minutes then attempt to start as if engine was warm. Move stop switch to on position. Clean or replace spark plug. 	
Engine does not idle correctly.	 Carburettor requires adjusting. Other. 	Adjust carburettor idle. Contact authorised service agent.	
Engine stutters, lacks power or stalls under load.	 Spark plug soiled. Air filter dirty. Carburettor requires adjusting. 	 Clean and re-gap or replace. Clean or replace air filter. Contact authorised service agent. 	
Excessive engine smoke.	Choke in wrong position.	1. Correct choke.	
Cutting means moves while engine at idle speed.	Carburettor requires adjusting. Clutch fault.	Adjust carburettor idle. Contact authorised service agent.	

Important: Please note all repairs/service should be carried out by an authorised service agent.

11. OPTIONAL ACCESSORIES

11.1 OPTIONAL ACCESSORIES

A range of drill bits and accessories are available from your local Draper Stockist.

Please visit our website for details: www.drapertools.com

12. EXPLANATION OF SYMBOLS

12.1 EXPLANATION OF SYMBOLS



Single value noise marking. (Maximum declared A-Weighted sound power level in decibels).



Danger!Beware of sharp blades.



Warning!
Wear suitable foot protection.



Danger! Risk of flying debris.



Warning! Wear suitable eye/face protection.



Warning! Read the instruction manual.



Warning! Keep bystanders away.



Warning! Risk of danger to wildlife.

13. DISPOSAL

13.1 DISPOSAL

- At the end of the machine's working life, or when it can no longer be repaired, ensure that it is disposed of according to national regulations.
- Contact your local authority for details of collection schemes in your area.

In all circumstances:

- Do not dispose with domestic waste.
- · Do not incinerate.
- Do not abandon in the environment.
- When decommissioning remove all subsidiary fluids for appropriate disposal.

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CONTACTS

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Service/Warranty Repair Agent:

For aftersales servicing or warranty repairs, please contact the Draper Tools Helpline for details of an agent in your local area.

YOUR DRAPER STOCKIST		

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