



# BRUSH CUTTER— PETROL/OIL MIX 2 STROKE



## SAFETY INSTRUCTIONS

1. It is important to read all of this leaflet before you use the brushcutter.
2. Petrol mixture is highly flammable. Take care not to cause a fire or explosion.
3. This brushcutter is designed for cutting brush, undergrowth, grass and small saplings, using the appropriate attachments.
4. The sharp blades on the cutting head rotate very fast and can cause injury or damage if the machine is not used in a careful and controlled way.
5. If you have not used a brushcutter before, familiarise yourself with how the machine works before you start on the main task.
6. Plan your work and think ahead to make sure you will always be working safely.
7. You must have at least the following items of personal protective equipment:



**Ear muffs or plugs giving protection for levels up to 107dB(A).**



**Safety helmet to EN397 or BS5240.**



**Face shield - impact resistant EN166-B or BS2092 grade 1.**



**Gloves**



**Safety boots to EN345 or BS1870/4972.**

8. This machine must not be used by minors, or by anyone under the influence of drugs or alcohol.
9. This machine is designed for operation by an able bodied adult. Anyone with either temporary or permanent disability must seek expert advice before using it.

## **Work Area**

1. Do not use this brushcutter where there is a danger of explosion. It will ignite fumes from petrol, or gas cylinders.
2. To reduce the risk of serious or fatal injury from breathing toxic fumes, never run the brushcutter indoors or in poorly ventilated locations.
3. Make sure that the area is clear and safe and that no-one is near to you or could distract you.
4. Protect other people from the noise and from injury. Keep people at least 10 metres (32 feet) away.
5. Before starting clear the area of stones, wire, stout branches and other debris that could foul your cutting blades.

## **Operators**

6. The following items of personal protective equipment (ppe) are the minimum that should be worn whenever you use this brushcutter. Particular jobs or environments may require a higher level of protection.
7. You must wear a face shield (EN166-B or BS2092 grade 1) when you are working with this machine. The brushcutter may throw up stones or debris from where you are working.
8. This equipment is likely to cause noise levels up to 107dB(A) — wear appropriate ear muffs or plugs giving hearing protection for this level as a minimum.
9. You must wear a safety helmet (BS5240) when working with this machine. Tie up any long hair to prevent it getting caught in the machine.
10. You must wear safety boots (EN345 or BS1870/4972).
11. You should wear gloves especially when changing or adjusting the blades.
12. Anybody who is working near to you will also need to wear appropriate personal protective equipment.

## **Brushcutter**

13. Check your machine, engine, and all equipment including harness. Do not use anything found damaged — Contact Torrent Trackside 24 Hour Hotline Number 0845 7697168.
14. Do not operate this brushcutter without using the harness.
15. Brushcutters should only be used at or near ground level.
16. The cutting blades should be covered, during storage or transport, to protect the blades and you.
17. Make sure you use the correct type of blades recommended by the hire company for the material being cut. Only use sharp blades.

18. Wear your gloves when fitting or adjusting the blades or the guard.
19. Only fit the correct cutting attachments and fit them in the correct manner. Do not improvise.
20. Make sure the guard around the cutting blades is in place and adjusted correctly.
21. Make sure that you understand all of the controls. Before you start the brushcutter, you must know how to stop it.

## **Refuelling**

1. No smoking.
2. Use a fresh mixture of two stroke engine oil with petrol. If the hire company have given you special instructions on how much oil to use, follow them. Otherwise use 1 measure of two stroke oil to 25 measures of petrol (40ml per litre).
3. Stop the engine and let it cool down.
4. If possible move the machine away from your work area.
5. Clean the filler cap and the area around it to prevent dirt falling into the fuel tank.
6. Shake the fuel can to mix the petrol and oil.
7. Use a funnel when re-fuelling. Do not spill any fuel on yourself or the machine.
8. Wipe any fuel off the machine. Dispose of fuel soaked cloth carefully.
9. If you spill any fuel on the ground, wipe it up or cover it with soil.
10. If you spill any fuel on your clothes, change them straight away.
11. Put all fuel caps back on properly, and move your fuel can to a safe, cool place.

## **Starting the Brushcutter from Cold**

1. Set the engine controls correctly. The choke should be pulled out and the part throttle lock engaged.
2. Lay the brushcutter on the ground with the cutting attachment clear of any obstruction.
3. Hold the brushcutter firmly so it will not move when you pull the starter. Do not put your foot on the tube to prevent movement, you will damage it.
4. Pull the starter grip out slowly until you can feel that the starter has engaged with the engine, then pull it quickly and strongly. Don't pull it too far or it may break.
5. Guide the cord back into place so that it recoils correctly.
6. As soon as the engine has fired, squeeze and release the throttle to release the part throttle setting.
7. Turn the choke off when the engine is running smoothly.
8. If the cutting attachment rotates while the machine is idling do not use it. Return the brushcutter to the hire company.

## Starting the Brushcutter when Hot

1. Follow the same procedure as for a cold start without using the choke or part throttle setting.

## Using the Brushcutter

1. Wear your protective equipment including ear defenders, helmet, face shield and safety boots.
2. Attach the brushcutter to your harness carefully.
3. Make sure there is no-one in your area of work.
4. Always hold the brushcutter with both hands as well as using the harness.
5. Make sure the cutting head is running at full speed before starting to cut into the brush.
6. Keep the cutting head at or near ground level.
7. Beware of debris and dirt that may be thrown up by the blades.
8. If the brushcutter starts to labour and slow down do not force it so hard. Do not overload the engine.
9. Stop the engine if someone approaches you.
10. If you need to make adjustments to the blades or guard stop the engine and wait until the blades have completely stopped. Wear your gloves to prevent cutting your hands while you make the adjustments.
11. Stop the engine before leaving the machine unattended.
12. If your equipment does not work properly do not attempt to repair it. Contact Torrent Trackside 24 Hour Hotline Number 0845 7697168.
13. You may want to read this leaflet again. Please keep it until you finish work.

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