



SAFETY INSTRUCTIONS

1. Read all of this leaflet before you use the welder.
2. Petrol is highly flammable. Take care, do not cause a fire or explosion. Electricity is dangerous and must always be used with great care.
3. The glare produced by the electric arc during welding is harmful to the eyes and skin.
4. This equipment is designed to weld metals — do not use it to do anything else. Carelessness or misuse could cause a serious or fatal accident.
5. These safety instructions do not tell you how to weld.
6. This welder will damage property if it is not used carefully. Practice on some scrap material if you have not used it before.
7. Sparks from the welding can scorch nearby objects.
8. Plan your work and think ahead to make sure you will always be working safely.
9. You must have:



Before Starting Work

1. Check your machine, engine, cables, plugs and all equipment. Do not use anything found damaged — contact Torrent Trackside 24 Hour Hotline Number 0845 7697168.
2. You must have good ventilation or extraction to remove the poisonous exhaust and toxic weld fumes and provide fresh air.
3. The fumes from welding galvanised or painted metal can be very poisonous
4. The glare from the electric arc can make you blind. Always use a proper face mask to protect your eyes
5. The glare can also burn your skin, so wear canvas gloves, cotton overalls and safety boots. These will also protect you from hot sparks. Avoid rubber or nylon based clothing because it burns easily.
6. This equipment is likely to cause noise levels up to 94dB(A). Wear ear defenders.
7. Anybody who is working near to you will need to wear the same safety equipment.
8. The welder should be sheltered from the rain.
9. It will get hot in use. Any air vents in the case must not be covered.
10. You must not weld a petrol tank or anything which might explode.
11. Protect other people from the glare and hot sparks. Use a welding booth or screens. Put up a warning.
12. The hot sparks could start a fire, so check that there is nothing nearby that burns easily.
13. Take off any watches and rings. The welding current could make them get hot.
14. Do not use this welder where there is a danger of explosion. It will ignite fumes from petrol, or gas cylinders.
15. Make sure that you understand all of the controls. Before you start the welder, you must know how to stop it.

Refuelling

1. No smoking.
2. Stop the engine and let it cool down.
3. If possible, move the welder away from your work area.
4. Use a funnel and clean petrol. Do not spill any on yourself or the welder.
5. Wipe any petrol off the machine. Dispose of fuel soaked cloth carefully.

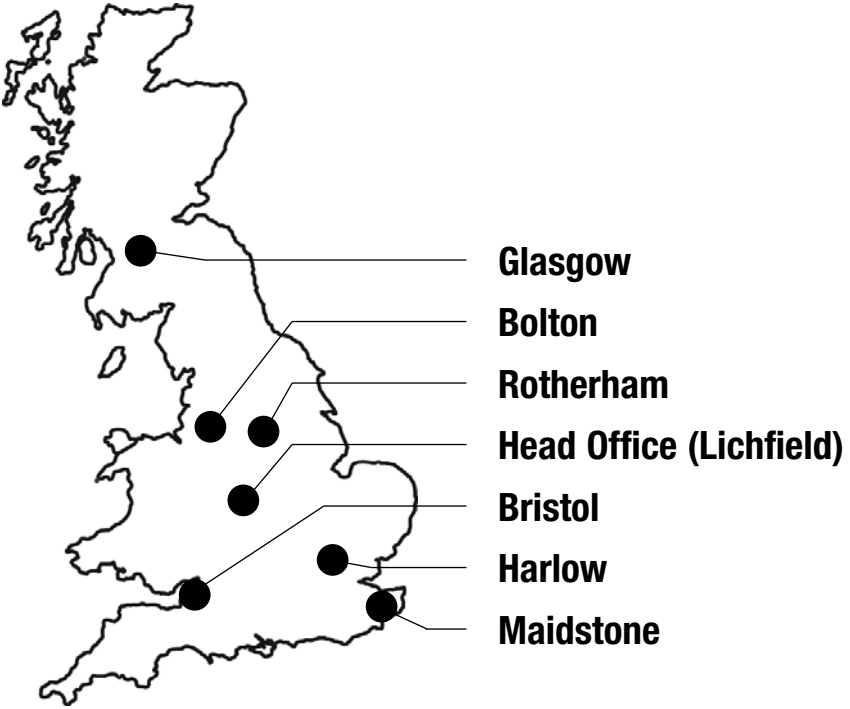
6. If you spill any petrol on the ground, wipe it up or cover it with soil.
7. If you spill any petrol on your clothes, change them straight away.
8. Put all petrol caps back properly and move your fuel can to a safe, cool place.

Starting the Machine

1. Check that the engine and machine controls are set correctly.
2. Make sure that you hold the machine firmly so it will not move when you pull the starter
3. Pull the starter grip out slowly. It will come easily at first, until it bites. Now give it a strong pull.
4. Let the starter rope rewind itself slowly.

Using the Welder

1. Take care to avoid an electric shock from the welding cables. Do not work in damp or wet conditions
2. Check that the welding cables are connected properly. Switch off if you need to make any adjustments including changing rods or welding current.
3. Uncoil the cables completely. Make a good earth connection on your workpiece close to the part you will weld.
4. Wear goggles to protect your eyes when chipping the slag off.
5. Always put down your welding rod on an insulated surface. If it touches the workpiece or earth it could strike an arc.
6. The welder may switch itself off if it is overloaded. Allow it to cool down before restarting. If this happens repeatedly check with your electrician or the hire company.
7. Remember any welding you do will remain hot for some time. Make sure no-one touches it. Do not cool it with water.
8. If your equipment does not work properly do not attempt to repair it. Contact the Torrent Trackside 24 Hour Hotline Number 0845 7697168.



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LICHFIELD: 01543 421900

BRISTOL: 0117 982 6622

HARLOW: 01279 423147

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