



**PARTNER K650  
POWER CUTTER—  
PETROL/OIL**



# SAFETY INSTRUCTIONS

1. It is important to read all of this leaflet before you use the Partner K650 power cutter.
2. Petrol mixture is highly flammable. Take care not to cause a fire or explosion.
3. This cut off saw is designed to cut concrete, masonry, asphalt, steel, cast iron and similar materials using the appropriate abrasive or diamond wheel.
4. The action of this cut-off saw can cause injury or damage if the machine is not used in a careful and controlled way.
5. If you have not used a cut-off saw before, familiarise yourself with the machine on some straightforward work 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:



**Goggles—impact resistant  
EN166-B or BS2092 grade 1**



**Dust mask—a minimum of  
EN149 ffp2(s) protection**



**Ear muffs or plugs  
giving protection  
for levels up to  
105dB(A)**



**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 saw 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 K650 indoors or in poorly ventilated locations. Ensure you have proper ventilation when working in other confined spaces.
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 dust. Warn others to keep away: put up warning signs, or barriers around your work area.
5. Check that there are no hidden cables, gas, or water pipes where you are going to cut.

## **Operators**

6. The following items of personal protective equipment (ppe) are the minimum that should be worn whenever you use this machine. Particular jobs or environments may require a higher level of protection.
7. You must wear impact resistant goggles (EN166-B or BS2092 grade 1) whenever you use this saw.
8. This equipment is likely to cause noise levels up to 105 dB(A) — wear appropriate ear muffs or plugs giving hearing protection for this level as a minimum.
9. You will need to wear an appropriate dust mask (with a minimum of EN149 ffp2(s) protection) when you are cutting material that causes dust.
10. You must wear safety boots (EN345 or BS1870/4972).
11. Anybody who is working near to you will also need to wear appropriate personal protective equipment.

## **Partner K650 Power Cutter**

12. Check your machine, including the engine, fuel tank, and guard. If anything is found damaged, do not use the K650 — Contact Torrent Trackside 24 Hour Hotline Number 0845 7697168.
13. Any work that is not part of a fixture should be securely clamped or held in a vice.
14. Always grip the K650 with both hands while working, left hand on the front handle, right hand on the rear.
15. Vibration from cutting with this machine can be hazardous. Warm your hands up before you start to work, and wear gloves to keep your hands warm while you are working.
16. Do not use this machine to cut asbestos or materials containing asbestos.
17. Stop the engine before carrying the K650, even over a short distance.
18. Make sure that you understand all of the controls. Before you start the machine, you must know how to stop it.

## **Cutting Wheels**

19. You must not fit or change any abrasive wheel unless you are competent to do so.
20. Do not fit the cutting wheel until you are at the work location, ready to start work.
21. Stop the engine before making adjustments or changing the cutting wheel.
22. Make sure you use the correct type of cutting wheel recommended by the hire company for the material being cut.
23. Make sure that the cutting wheel is certified to a higher speed than that shown on the K650.
24. Abrasive wheels fitted to this K650 are for cutting on the edge only. Any side pressure could shatter them. Do not try to carry out any grinding work.
25. When fitting diamond wheels, you must check that the bore size is the same as the spindle diameter. You must also comply with the direction of rotation mark on the wheel.

26. Adjust the guard to the most suitable position by unscrewing the handnut on the drive belt housing and rotating the guard around the wheel. Tighten the handnut to secure the guard.

### **Fitting a Wheel**

27. Lock the spindle by inserting the locking pin supplied, into the hole in the drive belt housing.
28. Undo the retaining bolt with the spanner and remove the front flange washer.
29. Fit the correct wheel onto the spindle, making sure that the paper discs are in good condition and in place. Check the wheel is tight up against the rear flange washer.
30. Replace the front flange washer, and screw the retaining bolt into place and tighten it with the spanner, do not overtighten.
31. Remove the locking pin, check that both flange washers are securely clamped against the wheel and that the wheel spins freely and runs true.
32. Adjust the guard to the most suitable position.

### **Refuelling**

1. No smoking.
2. Use a fresh mixture of two stroke engine oil with petrol. If you are using Partner 2 stroke oil, use 1 measure of oil to 50 measures of petrol (20ml per litre). 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 refuelling. 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.

### **Controls**

1. There is a trigger lock control on the throttle trigger, to prevent the throttle being squeezed or pressed accidentally. You always need to press the trigger lock in before you can squeeze the throttle.
2. The stop control switch is 'on' in the forward position, and 'off' in the rear position. To stop the K650, just switch this stop control to the 'off', or rear position.
3. The choke control is 'on' or 'closed' when the control is in the rear position and 'off' or 'open' when the control is in the forward position.
4. The choke control should only be used when first attempting to start an engine from cold.

### **Starting from Cold**

1. Turn the stop control switch to 'on'. Move the choke control to the rear position to 'on'.
2. Set the throttle trigger to the midway position and lock it using the trigger lock button.
3. Put the K650 squarely on the ground making sure the cutting wheel is not touching the ground or any obstruction. When the engine starts the cutting wheel will immediately start spinning.
4. Place one foot on the rear handle and hold the front handle with your left hand to stop the machine moving.

5. With your right hand, pull out the starting cord handle slowly until you can feel that the starter has engaged with the engine, then pull it quickly and strongly. Don't pull it to far, or the cord may break.
6. Guide the cord back into place so that it recoils correctly.
7. If the engine did not start, check that there is sufficient petrol, and that the throttle lever is in the correct position. Pull the starting cord again.
8. After the engine has started, push the choke control forward and press the throttle trigger to release the trigger lock button. The engine will run at idling speed.

### **Starting from Warm**

1. Make sure the choke control is in the forward position, then proceed as for cold start.

### **Using the K650**

1. Wear your protective equipment including goggles and dust mask.
2. Check that the cutting wheel is fitted securely, and that the guard is properly adjusted.
3. Always hold the machine securely with both hands: left hand on the front handle, right hand on the rear.
4. Use full throttle: make sure the wheel is running at full speed before lowering it carefully onto the surface.
5. Be prepared for the reactive force when the wheel contacts the surface to be cut: the machine will pull away from you, or pull up a vertical surface.
6. If the machine starts to labour and slow down do not force it so hard. Do not overload the machine. Long shallows cuts keeping the wheel speed up and are more effective than aggressive pressure.
7. When you come towards the end of the cut, release some of the pressure on the machine and be prepared for it to come free from the material.
8. The machine can only cut in straight lines. Do not try to go round corners.
9. Only use the machine up to shoulder height. Arrange a suitable working platform if you need to cut higher than this.
10. Watch out for signs that vibration from the work may be affecting your hands. If your fingers start to tingle or feel numb, take a short break from cutting work. Exercise your fingers to encourage blood circulation.
11. To help prevent vibration affecting your hands, operate the machine for shorter periods. Keep your hands warm — wearing gloves may help do this.
12. Stop the engine if leaving the machine unattended.
13. If the K650 does not work properly do not attempt to repair it. Contact Torrent Trackside 24 Hour Hotline Number 0845 7697168.
14. You may want to read this leaflet again. Please keep it until you have finished work.

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<b>BRISTOL:</b>	<b>0117 982 6622</b>
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<b>HOTLINE NUMBER:</b>	<b>0845 7697168</b>