



Using the Floor Saw

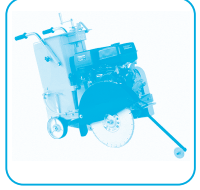
1. Protective equipment must be worn including goggles, ear defenders and safety boots.
2. Lower and adjust the pointer arm. Position the machine to start the cut.
3. Open the tap and adjust the water flow to the cutting wheel, unless dry cutting wheels are being used.
4. Make sure the cutting wheel is running at full speed and then lower it carefully onto the surface.
5. If the machine starts to labour, reduce the depth of the cut and make two passes.
6. The machine can only cut in straight lines. Do not try to go round corners.
7. Stop the engine is leaving the machine unattended.
8. If the equipment does not work properly do not attempt to repair it. Contact the hire company.

Floor Saw

The rules and procedures in force where people are at work may require the person responsible for this equipment to carry out a specific risk assessment.

It is important to read all of this leaflet BEFORE using the Floor Saw

1. Diesel is highly flammable. Take care not to cause a fire or explosion.
2. This floor saw is designed to cut concrete, masonry or asphalt floors using the appropriate cutting wheel.
3. The action of this floor saw can cause injury or damage if the machine is not used in a careful and controlled way.
4. If the operator has not used a floor saw before they should familiarise themselves with the machine on some straightforward work before starting on the main task.
5. The work should be thought out and planned ahead to ensure that it is always carried out safely.
6. The following items of personal protective equipment must be worn as a minimum: Goggles: impact resistant EN166 – B or BS2092 grade1; Dust mask – a minimum of EN149 FFP3(s); Ear muffs or plugs giving protection for levels up to 103 dB(A); Safety boots to EN345 or BS1870/4972; Gloves.
7. This machine must not be used by minors, or by anyone under the influence of drugs or alcohol.
8. This machine must not be used by young persons, or by anyone under the influence of drugs or alcohol.
9. This floor saw is designed for operation by an able bodied adult. Anyone with either temporary or permanent disability must seek expert advice before using it.



Please keep this leaflet safely as it may be required for future reference



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1. Check the machine, engine, and all equipment. Do not use anything found to be damaged – contact the hire company.
 2. Do not use this machine to cut asbestos or materials containing asbestos.
 3. Always hold the floor saw correctly with two hands whilst working.
 4. The pointer arm can be swung out of the way when not in use. Check and adjust it ready for use.
 5. If 'drycut' wheels are not being used fill the water tank and check the water flow onto the cutting wheel.
 6. Make sure that all of the controls are understood. Before starting the machine make sure that the correct type of cutting wheel is used, and the bore size should be checked to ensure that it is the same size as the spindle diameter. Anybody who is working nearby will also need to wear appropriate personal protective equipment.
 7. Check that there are no buried electric cables, gas or water pipes where the cut is going to be made.
 8. Make sure that the area is clear and safe and that no-one is nearby who could cause a distraction.
 9. Protect other people from the noise, debris and dust. Warn others to keep away, barriers should be put around the work area.
 10. The following items of personal protective equipment (ppe) are the minimum that should be worn whenever this machine is being used. Particular jobs or environments may require a higher level of protection.
 11. This equipment is likely to cause noise levels up to 103 dB(A) – appropriate ear muffs or plugs giving hearing protection for this level as a minimum should be worn.
 12. An appropriate dust mask must be worn (with a minimum of EN149 FFP3 protection) when cutting material that causes dust.
 13. Safety boots must be worn (EN345 or BS1870/4972).
 14. Anybody who is working nearby will also need to wear appropriate personal protective equipment.
- ### WORK AREA
1. Move the STOP control to the RUN position.
 2. Check that the throttle lever is in the IDLE position.
 3. Do not wear gloves when starting the engine. Also make sure that no loose clothing or flapping sleeves could get caught in the machine.
 4. Fit the starting handle to the shaft, and check by turning it anti-clockwise that the ratchet mechanism works. Check also that the handle slides on and off the shaft easily.
 5. Move the decompression valve lever into the decompression position.
 6. If the engine is fitted with a cold start button, press it in when starting from cold.
 7. Grasp the starting handle firmly in one hand – without wrapping a thumb around the handle. Keep it on the same side as the fingers – this is very important. The thumb could be broken if it is wrapped around the handle, and the engine kicks back.
 8. Crank the engine strongly before lowering the decompression lever smoothly. The engine should fire up. If it doesn't, go through the steps again from instruction 7 above.
 9. If the engine is now running, slide the handle off the shaft.
 10. If the handle is released when the engine fires up, do not try to grab it. Stop the engine using the stop control. Then start the engine again.
 11. Never stop the engine using the decompression lever. This may damage the engine and will be regarded as misuse by the hire company. Only use the proper RUN/STOP control.
 12. Follow the instructions below.
 13. Check the oil and fuel levels before trying to start the engine.
- ### OPERATORS
- ### REFUelling
1. No smoking.
 2. Stop the engine and let it cool down.
 3. If possible move the machine away from your work area.
 4. Clean the filler cap and the area around it to prevent dirt falling into the fuel tank.
 5. Use a funnel and clean diesel when refuelling. Do not spill any fuel on people or the machine.
 6. Wipe any fuel off the machine. Dispose of fuel soaked cloth carefully.
 7. If any fuel is spilled on the ground, wipe it up or cover it with soil.
 8. If any fuel is spilled on clothes, change them straight away.
 9. Put all fuel caps back on properly, and move the fuel can to a safe, cool place.
- ### CUTTING WHEELS
1. Only competent personnel should fit or change the abrasive wheels.
 2. Make sure that the correct type of cutting wheel is used, and the bore size should be checked to ensure that it is the same size as the spindle diameter. Anybody who is working nearby will also need to wear appropriate personal protective equipment.
 3. Look at the speed stated on the label of the cutting wheel being used, and the speed shown on the floor saw. Check that the cutting wheel is certified to a higher speed than that shown on the machine.
 4. When fitting diamond wheels, the bore size should be checked to ensure that it is the same size as the spindle diameter. Anybody who is working nearby will also need to wear appropriate personal protective equipment.
- ### STARTING THE ENGINE
1. This section describes the starting procedure for most diesel engines.
 2. If the hire company has given special instructions, follow them. Otherwise follow the instructions below.
 3. Check the oil and fuel levels before trying to start the engine.



Before Starting Work...