



## Using the Floor Saw

1. Wear protective equipment including gloves, 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 using dry cutting wheels.
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 cut and make two passes.
6. If dust starts to come from the blade, it is likely you are running out of water. Raise the blade out of the cut and operate the stop switch to stop the engine. Once the blade has stopped rotating, refill the water tank. Once refilled, restart the engine and recommence cutting.
7. The machine can only cut in straight lines. Do not try to go round corners.
8. Stop the engine if leaving the machine unattended.
9. If the equipment does not work properly do not attempt to repair it. Contact the hire company.
10. You may want to read this leaflet again. Please keep it safely until you finish work.

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. Plan your work and think ahead to make sure you will always be working safely.
2. If you have not used a floor saw before, familiarise yourself with the machine on some straightforward work before you start on the main task.
3. Petrol is highly flammable. Take care not to cause a fire or explosion.
4. This floor saw is designed to cut concrete, masonry or asphalt floors using the appropriate cutting wheel. It is not designed for any other purpose.
5. The action of this floor saw can cause injury or damage if the machine is not used in a careful and controlled way.
6. The following items of personal protective equipment must be worn: goggles; dust mask - a minimum of FFP3 protection; ear muffs or plugs giving protection to reduce exposure to 87dB(A) at the ear; Safety boots; industrial gloves.
7. A personal first-aid kit should be available.
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.
10. Floor saws are heavy machines, get help if you have to unload it from your vehicle. Do not lift beyond your own capabilities.



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## Useful Reference Points • [www.hae.org.uk/businessguard](http://www.hae.org.uk/businessguard)

### WORK AREA

1. Make sure that the area is clear and safe.
2. Do not use this machine where there is a danger of explosion. It will ignite fumes from petrol, or gas cylinders.
3. Using this equipment indoors or in confined spaces could cause fatal carbon monoxide poisoning. **Never** use it in domestic premises and only use it in other indoor situations if its suitability and the ventilation required has been fully assessed. Mechanical extraction ventilation will almost always be required.
4. Check that there are no buried electric cables, gas or water pipes where cuts are going to be made. Consider using a cable and/or pipe detector, ask the hire company for suitable types available. **Ask the hire company for HAE leaflet no.1415 – cable location and signal generator.**
5. Protect other people from the noise and dust. Set up an exclusion zone around the area where the concrete mixer is being used with physical barriers, barrier tape and signs. Keep children and animals away when using this equipment.
6. Work should stop immediately should anyone, other than those directly assisting with the work, enter the exclusion zone.
7. Clear the area of trip hazards such as rubble, rubbish etc.

### OPERATORS

1. The following items of personal protective equipment (PPE) are the minimum that should be worn whenever using this machine. Particular jobs or environments may require a higher level of protection.

## Before Starting Work...



2. This equipment is likely to cause noise levels up to 96 dB(A) - wear appropriate ear muffs or plugs giving hearing protection for this level as a minimum.
3. An appropriate dust mask (with a minimum of FFP3 protection) must be worn when in contact with materials that cause dust.
4. Safety boots must be worn.
5. Industrial quality gloves must be worn.
6. Anybody who is working close by will also need to wear identical personal protective equipment.

### FLOOR SAW

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 while working.
4. The pointer arm can be swung out of the way when not in use. Check and adjust it ready for use.
5. Fill the water tank with clean water or connect to a continuous water supply, then check that the water flows directly onto the cutting wheel.
6. Make sure that you understand all of the controls. Before starting the machine, locate the stop button.

### CUTTING WHEELS

1. Do not fit or change any abrasive or diamond wheel unless competent to do so. **Ask the hire company for HAE leaflet no. 0403 – abrasive wheels.**
2. Make sure the correct type of cutting wheel is used as recommended by the hire company for the material being cut.
3. Look at the speed (RPM) 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 speed equal to what is shown on the machine or to a higher speed than shown on the machine.
4. When fitting diamond wheels, check the bore size is the same as the spindle diameter. You must also comply with the direction of rotation mark on the wheel.
5. Abrasive wheels fitted to this floor saw are for cutting on the edge only. Any side pressure could shatter them.
6. Make sure the guard is in place and adjusted correctly.
7. Make sure that you understand all of the controls. Before starting the machine, locate the stop button.

### REFUELLING

1. No smoking.
2. Stop the engine and let it cool down.
3. Move the machine away from your work area before refuelling.
4. Clean the filler cap and the area around

- it to prevent dirt falling into the fuel tank.
5. Use a funnel and clean petrol when refuelling. Do not spill any fuel on yourself or the machine.
6. Wipe any fuel off the machine. Dispose of fuel soaked cloth carefully.
7. If small amounts of fuel are spilt on the ground, wipe it up or cover it with soil.
8. If any fuel is spilt on clothes, change them straight away.
9. Put all fuel caps back on properly, and move the fuel can to a safe, cool place.

### STARTING THE ENGINE

1. If the hire company has given any special instructions, follow them. Otherwise, follow the instructions given below. Position the floor saw at the work position before starting the engine.
2. Check the oil and fuel levels before trying to start the engine.
3. Switch the ignition switch to the ON position.
4. Check that the throttle lever is in the IDLE position.
5. Do not wear gloves when starting the engine. Also, make sure there is no loose clothing or flapping sleeves that could get caught.
6. Turn the fuel tap to the open position.
7. Open the choke lever fully, when starting from cold.
8. Grasp the pull cord firmly and pull upwards and release.
9. If the engine is now running, shut the choke lever.
10. Allow the engine to run for a short period to warm up before starting to cut.
11. Open the throttle lever to the RUN position.
12. To stop the engine turn the ignition switch to the OFF position and close the fuel supply tap.