



## Using the Concrete Screed & Vibrating Poker

1. Wear your protective equipment including ear defenders, dust mask, goggles and safety wellington boots.
2. Do not use a machine with any guard or safety device removed or disconnected.
3. Stop the engine before making any adjustments.
4. Watch out for signs that vibration may be affecting your hands, if your fingers start to tingle or feel numb, take a short break from using the machine. Exercise your fingers to encourage blood circulation.
5. To help prevent vibration affecting your hands, operate the machine for shorter periods, share the job with a work mate. Keep your hands warm – wearing gloves may help do this.
6. Stop the engine if leaving the machine unattended.
7. You must clean these machines as soon as you have finished work before the concrete mix goes hard.
8. If your equipment does not work properly, do not attempt to repair it. Contact the hire company.

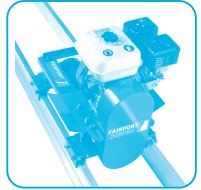
Please keep this leaflet safely as it may be required for future reference

## Concrete Screed & Vibrating Poker

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 you use the Concrete Screed & Vibrating Poker

1. Plan the use of the Concrete Screed and Vibrating Poker so that it can always be used safely.
2. Cement mixers are harmful to eyes, lungs and skin. Follow any instructions given by the manufacturers of these cement products.
3. Screed machines are designed to produce a flat smooth finish to large areas of freshly laid concrete. The vibrating action reduces the amount of air trapped near the surface of the concrete.
4. The vibrating poker is designed to reduce the amount of air trapped at greater depths in the concrete. This also allows the concrete to flow into every small space and makes the concrete stronger when set.
5. The action of these machines, including the vibration, can cause injury or damage if they are not used in a careful and controlled way.
6. If you have not used either a screed or a poker before, familiarise yourself with how the machines work before you start on the main task.
7. You must have at least the following items of personal protective equipment: impact resistant goggles: EN166 – B or BS2092 grade 1; ear muffs or plugs giving protection for levels up to 100dB(A); Safety wellington boots to EN345 or BS1870/4972; gloves;
8. This machine must not be used by minors, or by anyone under the influence of drugs or alcohol.
9. This equipment is designed for operation by an able bodied adult. Anyone with either temporary or permanent disability must seek expert advice before using it.



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1. You must wear impact resistant goggles (EN166 – B or BS2092 grade 1) when you are working with this equipment.
  2. These machines are heavy and awkward to move. Get help especially with the screed machine.
  3. Vibration from using these machines can be hazardous. Warm your hands up before you start work, and wear gloves to keep your hands warm while you are working.
  4. Do not touch the vibrating part of the poker while it is in operation, the severe vibration could be dangerous.
  5. Do not lay the vibrating poker on a hard surface while it is still vibrating. It will cause damage to the surface and the poker.
  6. Find out how to switch each engine off, before you start the machines you must know how to stop them.
- SCREED AND POKER**
1. Check the engine, and all the equipment on your machines. If anything is found damaged, do not use it – contact the hire company.
  2. This equipment is likely to cause noise levels up to 100dB(A) – wear appropriate ear muffs or plugs giving hearing protection for this level as a minimum.
  3. You must wear safety wellington boots (EN345 or BS1870 / 4972). You may have to stand in wet concrete.
  4. Anybody who is working near to you will also need to wear appropriate personal protective equipment
  5. You should wear gloves, long sleeves and full trousers to prevent the mixes coming into contact with your bare skin.
  6. Anybody who is working near to you will also need to wear appropriate personal protective equipment

1. Do not use these machines where there is a danger of explosion. They will ignite fumes from petrol, or gas cylinders.
  2. To reduce the risk of serious or fatal injury from breathing toxic fumes, do not run these machines indoors unless you have good ventilation. Ensure that you have proper ventilation when working in other confined areas.
  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 wet cement. Warn others to keep away, put barriers around your work area.
  5. The following items of personal protective equipment (ppe) are the minimum that should be worn whenever you use these machines. Particular jobs or environments may require a higher level of protection.
  6. Contact dermatitis is a rash that may occur when the skin reacts to certain substances. The rash can vary but it is usually itchy and causes flaky skin. The rash occurs only where the substance was in contact with the skin.
  7. Wash cement or plaster mixes off your skin immediately. Thoroughly rinse out your eyes and seek medical advice if you get any type of cement mix in them.
  8. Mild dermatitis will heal providing there is not further contact. If the rash persists, seek medical advice.
  9. Protect other people from the noise and wet cement. Warn others to keep away, put barriers around your work area.
  10. Wet cement mix is a substance that can cause contact dermatitis.
- WORK AREA**
- CEMENT MIXES AND CONTACT DERMATITIS**
- OPERATORS**



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