



Using the Roller Striker/Screeed

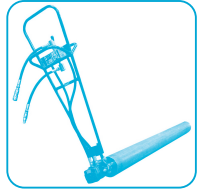
1. Make sure you understand who will be giving instructions and what the signals will be.
2. Wear your protective equipment including gloves and safety boots.
3. Lift the roller into place at the start of the bay. Start the roller rotating, and walk steadily backwards, pulling the screed after you.
4. The third member of the team should be ready to shovel concrete, as necessary, ahead of the roller to achieve a rough level. You should have a small "wave" of concrete travelling in front of the roller.
5. If you need to go back over an area, let the screed roll back up the bay a short way.
6. When you are walking backwards, keep a check for obstacles you might trip over or other hazards behind you.
7. 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.
8. To help prevent vibration affecting your hands, operate the machine for shorter periods, or share the job with workmates. Keep your hands warm – wearing gloves may help do this.
9. Take care not to bend the flexible drive hose through tight angles, for example over shuttering.
10. Always move the roller steadily – this will help create a hard and level surface.
11. Do not touch the rotating part of the roller while it is in operation.
12. Do not disengage the drive hose while the engine is running.
13. Stop the engine if leaving the machine unattended.
14. You must clean the screed as soon as you have finished work, before any concrete on it goes hard.
15. If you disengage the drive hose, take care to keep the open end of it clean – do not attempt to repair it. Contact the hire company.

Roller Striker/Screeed

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 Roller Striker/Screeed

1. Plan your work and think ahead to make sure you will always be working safely.
2. Petrol is highly flammable. Take care not to cause a fire or explosion.
3. Cement mixes are harmful to eyes, lungs and skin. Take precautions to prevent contact with cement mix.
4. This screed is designed for use by two able bodied adults on fresh concrete to provide a level finish for hard standings or for power trowelling.
5. The action of this screed can cause injury or damage if the machine is not used in a careful and controlled way.
6. If you have not used this type of screed before familiarise yourself with how the machine works before you start on the main task.
7. You must have at least the following items of personal protective equipment: ear muffs or plugs giving protection for levels up to 92 dB(S); safety boots to EN345 or BS1870/4972 giving protection against wet concrete; gloves.
8. This machine must not be used by minors, or by anyone under the influence of drugs or alcohol.
9. This screed is designed for operation by two able bodied adults. Anyone with either temporary or permanent disability must seek expert advice before using it.



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- ### SCREEED
1. Check your drive unit, flexible drive hoses and couplings, screed tubes and control handles. If anything is found damaged, do not use the screed – contact the hire company.
 2. Assemble the tube sections away from the wet concrete so that the roller is long enough to span the bay.
 3. Position the drive unit so that you can easily reach all of the concrete you need to work on. Make sure that the flexible drive hose is not going to be damaged by traffic, or create an obstruction.
 4. Connect the drive hoses, taking care to keep the couplings out of the dirt.
 5. Find out how to operate and control the screed, before you start work.
- ### REFUELLING
1. No smoking.
 2. Stop the engine, close the throttle lever, and turn the fuel tap off.
 3. Turn the fuel tap on.
 4. Open the throttle control a little.
 5. Make sure that you hold the drive unit firmly so it will not move when you pull the starter.
 6. Pull the starter cord slowly until you can feel that the starter has engaged with the engine, then pull it quickly and strongly. Don't pull it too far, or it may break.
 7. Guide the cord back into place so that it recoils correctly.
 8. If the engine has started adjust the throttle so the engine is idling. As the engine warms up open the choke lever.
 9. To stop the engine, close the throttle lever, and turn the fuel tap off.
- ### STARTING THE ENGINE
1. If the hire company have given you special instructions, follow them. If not, follow the instructions below.
 2. Check the fuel and oil levels.
 3. Turn the fuel tap on.
 4. Open the throttle control a little.
 5. Make sure that you hold the drive unit firmly so it will not move when you pull the starter.
 6. Pull the starter cord slowly until you can feel that the starter has engaged with the engine, then pull it quickly and strongly. Don't pull it too far, or it may break.
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 9. To stop the engine, close the throttle lever, and turn the fuel tap off.
- ### Before Starting Work...
1. Vibration from using this machine can be hazardous. Warm your hands up before you start work, and wear gloves to keep your hands warm while you are working.
 2. You should wear gloves, long sleeves, and full trousers to prevent the skin coming into contact with your bare skin.
 3. Anybody who is working near to you will also need to wear appropriate personal protective equipment.
- ### OPERATORS
1. This machine can only be operated by two able bodied adults working together. The person who operates the machine controls should also give instructions and control the work.
 2. You will probably also need at least one other person ready to shovel concrete in front of the roller to achieve a rough level.
 3. Both screed operators will want to have both hands on the screed handles, and the noise may make spoken communication difficult. You should therefore agree before starting work how signals will be given, and what the pattern of work will be.
 4. The following items of personal protective equipment (ppe) are the minimum that should be worn whenever you use this screed. Particular jobs or environments may require a higher level of protection.
 5. The drive unit for this equipment is likely to cause noise levels up to 92 dB(A). You should wear appropriate ear muffs or plugs giving hearing protection for this level as a minimum if you will be working close to the drive unit for long periods.
 6. You must wear safety boots (EN345 or BS1870/4972). Remember that you may have to stand in wet concrete.
- ### WORK AREA
1. Do not use this screed where there is a danger of explosion. It will ignite fumes from petrol, or gas cylinders.
 2. 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 has been fully assessed. Mechanical extraction ventilation will almost always be required.
 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 other people to keep away, put barriers around your work area.
 5. Mild dermatitis will heal providing there is no further contact. If the rash persists seek medical advice.
 6. Wash cement mixes off your skin immediately. Thoroughly rinse out your eyes and seek medical advice if you get any type of cement mix in them.
 7. 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.
 8. Contact dermatitis is a rash that may cause contact dermatitis.
 9. Wet cement mix is a substance that can cause contact dermatitis.
- ### Useful Reference Points • www.hae.org.uk/businessguard



CEMENT MIXES AND CONTACT DERMATITIS

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