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2662 Safety Guidance
v:032017

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Clipper Power Float

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 Clipper Power Float

1. Petrol is highly flammable. Take care not to cause a fire or explosion.
2. Cement mixes are harmful to eyes, lungs and skin. Take precautions to prevent contact with cement mix.
3. This Clipper power float is designed to machine-trowel large areas of fresh concrete surface to the required finish.
4. The action of this power float can cause injury or damage if the machine is not used in a careful and controlled way.
5. If you have not used this type of power float before, familiarise yourself with how the machine works 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; dust mask - a minimum of FFP3(s) protection; ear muffs or plugs appropriate to the task; safety boots; gloves.
8. This machine must not be used by minors, or by anyone under the influence of drugs or alcohol.
9. This Clipper power float is designed for operation by an able bodied adult. Anyone with either a temporary or permanent disability must seek expert advice before using it.

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Before Starting Work...

CEMENT MIXES AND CONTACT DERMATITIS

1. Wet cement mix is a substance that can cause contact dermatitis.
2. 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.
3. 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.
4. Mild dermatitis will heal providing there is no further contact. If the rash persists seek medical advice.

WORK AREA

1. Do not use this power float 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 and the ventilation required 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 dust. Warn others to keep away, put barriers around your work area to ensure no-one walks on the new concrete.

OPERATORS

1. The following items of protective equipment (ppe) are the minimum that should be worn whenever you use this power float. Particular jobs or environments may require a higher level of protection.
2. You must wear appropriate goggles when you are working with this machine.
3. You will need to wear an appropriate dustmask (with a minimum of EN149 FFP3(s) protection) when your work causes dust.
4. This equipment is likely to cause noise levels up to 89 dB(A) - wear appropriate ear muffs or plugs giving hearing protection for this level as a minimum if you plan to operate the machine for a long period.
5. You must wear appropriate safety boots.
6. You should wear gloves, long sleeves and full trousers to prevent the mixes coming into contact with your bare skin.
7. Anybody who is working near to you will also need to wear appropriate personal protective equipment.

CLIPPER POWER FLOAT

1. Check your engine, power float and equipment. If anything is found damaged, do not use the power float contact the hire company.
2. Find out how to switch the engine off. Before you start the power float you must know how to stop it.
3. When you have finished work, make sure the power float is washed clean before any cement mix on it hardens.

BLADES

1. To adjust the blades to the desired angle, pump the hydraulic lever on the handlebars to increase the positive angle.
2. To return the blades to a negative pitch, release the pressure by unscrewing the pressure release valve a few turns. Always re-tighten the valve immediately.
3. Always make sure the blades are clean. Do not allow any cement mix to harden on the blades.

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 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 you spill any fuel on the ground, wipe it up or cover it with soil.
8. If you spill any fuel on your clothes, change them straight away.
9. Put all fuel caps back on properly, and move your fuel can to a safe, cool place.

STARTING THE ENGINE FROM COLD

1. Check the fuel and oil levels.
2. Turn the fuel tap on and close the choke lever. Close the throttle.
3. Switch on the ignition switch.
4. Holding the machine firmly with one hand so that it will not move when you pull the starter, give two or three short sharp pulls on the recoil starter rope, to prime the engine.
5. Fully open the throttle control.
6. Make sure that you hold the machine firmly again.
7. Pull the starter handle 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.
8. Guide the cord back into place so that it recoils correctly.
9. If the engine has started adjust the throttle so the engine is idling. As the engine warms up open the choke lever.
10. If the engine does not start and you have flooded the carburettor, close the throttle and pull the starter rope several times to clear excess petrol.
11. Try to start the engine again as from Paragraph 6.

STARTING WHEN HOT

1. Open the choke lever and half open the throttle. Make sure the ignition switch is on.
2. Start the engine as from paragraph 6 above.

STOPPING THE ENGINE

1. Move the throttle lever down to the fully closed position.
2. Switch off the engine ignition switch.
3. Turn the fuel valve off; the engine will stop in a few seconds.
4. In an emergency, release your grip on the throttle lever - the engine will stop before it makes half a turn.

Using the Clipper Power Float

1. Wear your protective equipment including ear defenders, dust mask, goggles and safety boots.
2. The throttle lever is on the right side of the handlebars. To get best results when trowelling, set the engine speed as fast as possible.
3. Adjust the blades to the required angle with the hydraulic pump lever in the centre of the handlebars.
4. For rough trowelling, or first stage trowelling, you can attach the circular finishing disc.
5. With the engine running and the blades turning, the power float can be moved easily, push down on the handle to move right and lift up on the handle to move left.
6. Do not leave the power float in one position too long with the blades or disc rotating or you will create an uneven surface.
7. Stop the engine if leaving the machine unattended.
8. You must clean the power float, especially the blades, as soon as you have finished work before the concrete goes hard.
9. Always store the power float in its upright position with the hydraulic pressure released from the blades.
10. 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

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