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2700 Safety Guidance
PETROL v:032017

SOUTH WEST HIRE & SALES

Belle Minimix Cement Mixer

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 this entire leaflet BEFORE using the Belle Minimix Cement Mixer

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. Follow any instructions given by the manufacturers of these cement products.
4. This Belle minimix cement mixer is designed for mixing concrete, mortar, plaster and similar compounds with water. IT can also mix composts and other similar materials.
5. The action of this mixer can cause injury or damage if the machine is not used in a careful and controlled way.
6. If you have not used a Belle mini mix cement mixer 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: goggles: EN166 or BS2092; dust mask – a minimum of EN149 FFP3(s) protection; safety 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 Belle mini mix cement mixer 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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Using the Belle Minimix Cement Mixer

STARTING THE ENGINE

1. Check that the engine and machine controls are set correctly.
2. Make sure that you hold the machine firmly so it will not move when you pull the starter.
3. 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.
4. Guide the cord back into place so that it recoils correctly.

USING THE BELLE MINIMIX CEMENT MIXER

1. Wear your protective equipment including ear defenders, dust mask, goggles and safety boots.
2. The engine must be running all the time there is a mix in the drum.
3. Do not move the mixer while the drum is full.
4. Stop the engine if leaving the machine unattended.
5. You must clean the mixer and especially the drum as soon as you have finished work, before the mix goes hard.
6. 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

v:032017

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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 or plastic 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.
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 cement mixer 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.

OPERATORS

1. The following items of personal protective equipment (ppe) are the minimum that should be worn whenever you use this mixer. Particular jobs or environments may require a higher level of protection.
2. You must wear goggles (EN166 or BS2092) 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 you are mixing materials that cause dust.
4. You must wear safety boots (EN345 or BS1870/4972).
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.

BELLE MINIMIX CEMENT MIXER

1. Check your machine, engine, drum and stand. If anything is found damaged, do not use the mixer – contact the hire company.
2. Check that the mixer is sited firmly and safely near to your work area.
3. When you start the engine the drum will rotate and will not stop rotating until the engine is stopped.
4. Make sure you understand the controls before you start the cement mixer, you must know how to stop it.

DRUM

1. Always start the drum rotating before loading. Do not load a concrete mix into a stationary drum. Starting the mixer with a full load would be difficult and would strain the drum shaft.
2. Do not put your hand, shovel or anything other than the mix into the drum while it is rotating.
3. The rotation of the drum is slow but very powerful. It will not stop rotating until the engine is stopped. Keep your hands out of the way.
4. Ensure the drum is rotating while emptying the mix.
5. When you have finished work, make sure the drum and the mixer is washed clean before the cement mix hardens. Two shovels full of clean gravel, with water, in the rotating drum will greatly assist removing any stubborn residue of the mix.
6. Always store the mixer in its normal upright position.
7. To remove the drum for storage or transportation, switch off, stand in front of the mixer and turn the drum anticlockwise. When it has fully unscrewed, lift the drum off carefully.
8. Reverse this procedure to refit the drum, take care not to damage the threads.

STAND

1. Your Belle minimix is supplied with a stand, which raises the height of the mixer to make it easy to empty the drum into a wheelbarrow. The mixer can be used with or without the stand.
2. The stand should be sited on firm level ground near to your work area.
3. Two persons can then lift and locate the mixer onto the stand and secure with the locking clip.
4. Alternatively one man can tip the mixer so that it stands on the opening of the drum. Locate the stand into position and lock the clip. Tilt the stand and mixer back into the upright position. Make sure it is firmly sited. If you feel the mixer/stand is too heavy or if the ground is rugged, use two people.
5. Do not leave the mixer standing on the drum; the petrol and oil may seep to other parts of the machine.

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. Do not fill the tank too full, this will help prevent petrol seepage when you tilt the mixer.
7. Wipe any fuel off the machine. Dispose of fuel soaked cloth carefully.
8. If you spill any fuel on the ground, wipe it up or cover it with soil.
9. If you spill any fuel on your clothes, change them straight away.
10. Put all fuel caps back on properly, and move your fuel can to a safe, cool place.

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