

## SAFETY FIRST

If you are collecting the equipment for someone else, please make sure this sheet is given to the equipment user to read. This sheet should be given to the site supervisor if the equipment is being hired for commercial use so that the information is available to all users. Before starting any job, be sure to spend a few minutes planning and understanding the hazards and risks of the activity and determining how you will control them to prevent injury or damage.

## Recommended PPE Equipment:



## Safe Towing Guidelines

- **NOTE: Maximum towing speed for concrete mixers MUST NOT EXCEED 90KM/HR**
- Make sure the trailer hitch size matches the tow ball.
- Make sure the shackle and chain are attached and secure
- Check WOF, REGO, lights, tyres and wheel nuts
- Put chocks behind and in front of the wheels when unhitching from your vehicle to prevent from rolling.
- Never tow the Concrete mixer loaded with materials

## Pre-Start Checks and Safety

- Check fuel tank is full.  
**NOTE:** Petrol is used
- Engine oil level is at correct level
- Operate on even and level ground only
- Use in a ventilated area to clear exhaust fumes
- Do not allow inexperienced people to operate machine
- Keep people away from worksite
- Do not use in confined areas
- Do not insert parts of your body or tools into the drum while it is running
- When handling the materials used to prepare the mixtures, make sure not to raise clouds of powder which may be inhaled; if this is not possible, wear a mask over your mouth and nose.
- The cement mixer has no lights of its own - make sure the work site is properly illuminated.
- Keep the engine cab open to promote cooling.
- Do not touch the exhaust pipe or other hot parts of the engine.
- Allow the engine to cool off for at least an hour after switching it off before working on it.
- On IMER cement mixers, danger areas are protected with guards, which must be kept installed and in good working order, such as the drive belt guard and the engine cab.

## Starting Procedure

- Move throttle lever to 1/3 throttle
- Turn on fuel
- Turn on choke
- Start engine
- Turn choke off immediately after starting
- Check warning lamps are out and all gauges are within their operating range
- Return throttle lever to idle position and let engine warm up for five minutes

## When Operating

**Note: This sheet covers most models we have although some will differ slightly**

- Ensure the drive belt guard and engine cab are in place before operating the machine.
- Decide on your mix ratio
- Do not overload mixer bowl
- Always keep mixer on level plane

## Stopping and After Use

- Park the machine in a safe place
- Idle engine to cool down
- Push stop button or turn off stop/start switch
- Turn off fuel
- Clean mixer thoroughly before concrete starts to set

## Fuel Safety

- Do not smoke or bring any fire or flame near the fuel whilst re-fueling or operating the machine.
- Always shut off the engine and allow it to cool before re-fueling. Relieve fuel tank pressure by loosening the fuel cap slowly.



- Select bare ground for fueling and move at least three metres from fueling spot before starting engine.
- Wipe up any spilled fuel and check for leakage.
- If fuel gets spilled on clothes it is very important to change clothes immediately. Flammable quantities of fuel may stay on clothes after a spill longer than expected. Operation of machines when clothes are wet or damp from petrol is extremely dangerous as the operator's clothes may catch fire and cause serious or personal injury.
- Always ensure the fuel cap is secured tightly.
- Check for fuel leakage while re-fueling and during operation. If a fuel leak is suspected, do not start or run the engine until the leak is fixed and spilled fuel has been wiped away.

**NZMH Website Health & Safety page link for other equipment safety sheets:**

