

WESTMIX 3.5 Cement Mixer

Operating Instructions

When operating the mixer

1. Keep unauthorised persons away from mixing drum.
2. Keep area around the mixer clear of obstructions which could cause persons to fall onto moving parts.
3. Always ensure mixer is on level ground before mixing.

READ THE FOLLOWING BEFORE USING CEMENT MIXER

1. Always keep safety guards in place and in working order.
2. Never attempt any servicing whilst mixer is operating.
3. Do not overload mixer. This can affect its performance and make it unstable.
4. Never use in a dangerous environment. Do not expose to rain or damp conditions. Use in well lit area and away from explosive liquids and gases.
5. Keep children and visitors away from the mixer whilst in operation.
6. Do not wear loose clothing or jewelry, and ensure long hair is tied back. Wear appropriate hearing protection.
7. Never leave the mixer running whilst unattended.
8. Always keep work area clear and free from clutter.
9. Always use mixer in a well ventilated area.
10. Keep hands well clear of the bowl whilst in operation.
11. Always check for damaged parts before operation.
12. Do not use if under the influence of alcohol, drugs or medication.

To gain access to the motor ensure the motor is switched off and remove cover. The unit must be unearthed when operated with an electric motor. Avoid using more than one extension cord. If an extension cord is to be used, it is recommended that a splash proof connector be used and kept well clear from any water.



Always start the motor before loading the mixer

Mix Ratios

The correct mix ratio (cement:sand:stone) depends on the type of application; harder concrete requires more cement, rougher applications require more aggregate.

The ratios given below are guidelines: best proportions may depend on the quality of sand/stone used. First put in the water - around 7 litres, using more or less depending on the type of mix required.

APPLICATIONS	QUANTITIES		
	CEMENT	SAND	STONE
MOST ORDINARY	1	2	4
FOUNDATIONS	1	3	6
ROUGH MASS CONCRETE	1	4	8
WATERTIGHT FLOORS, TANKS PITS ETC.	1	1.5	3

Add some aggregate before adding cement, to avoid sticking.

Work consistently to the ratio of ingredients for whatever type of concrete mix you are working to.

Getting A Good Mix - The approximate mixing time for concrete is 2-4 minutes from when all the material (including the water) has been added - overmixing can reduce strength and cause segregation of the coarser aggregates.

Beware of low grade aggregates; these will only lead to trouble later on with sinking and frost spoiling the appearance of the pour.

Also do not get the concrete mix too wet as this can reduce strength and make it less able to withstand weathering.

Looking After Your Mixer

Never throw material into the mixer - trickle it steadily over the rim or it will stick firmly to the back of the drum and can only be dislodged by stopping the mixer.

Keep your mixer clean - material left in the drum will harden, and attract more on each use until the mixer is useless.

Do not throw bricks into a mixer drum to clean it out.

The best method is a mix of 1" (2½cm) gravel and clean water - use plenty of it, as this will do the job in half the time.