

MIXING HINTS

A few hints on mixing. First add water - about 1 1/2 gallons approximately, depending on the type of mix. Cement should go in after some of the aggregate, work consistantly to the ratio of ingredients as listed below, for whatever type of concrete mix you are working too. Beware of low grade aggregates, this only leads to trouble later on with sinking and frost spoiling the appearance of the pour. Also importantly do not get the concrete mix too wet as this can reduce the strength and is less able to withstand weathering.

Never throw material into 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. The approximate mixing time for concrete is 2 1/2 minutes, this is taken when all the material, including the water, has entered the drum. Over mixing can reduce strength and segregation of the coarser aggregates.

Keep your mixer clean, the slightest trace of material left in the drum, will harden and attract more each time you use it until the machine is useless. Do not throw bricks into a mixer drum to clean it out. The best method is 1" gravel and clean water, use plenty of it, as this will do the job in half the time.

TABLE OF CONCRETE MIXERS	MIX	BATCH QUANTITIES					APPROX. BATCH OUTPUT	
		CEMENT 112 lb 50 kg bag	SAND		STONE			
			CU.FT	LTR	CU.FT	LTR	CU.FT	LTR
MOST ORDINARY	1:2:4	1/2 BAG	1 1/4	35	2 1/2	71	3	85
FOUNDATIONS	1:3:6	1/3 BAG	1 1/4	35	2 1/2	71	2 3/4	78
ROUGH MASS CONCRETE	1:4:8	1/4 BAG	1 1/4	35	2 1/2	71	2 3/4	78
WATERTIGHT FLOORS, TANKS PITS, ETC.	1:1 1/2:3	2/3 BAG	1 1/4	35	3	71	3	85

(5) No 2 shovels = approx. 1 cu.ft

ASAFETY INSTRUCTIONS

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READ THESE SAFETY INSTRUCTIONS

Please read and understand all running/safety instructions before operating this machine.

Before starting the mixer

- ▲ Check that all guards are in position and correctly fitted.
- ▲ DO NOT wear loose clothing or jewellery that may become entangled in the workings of this machine.
- ▲ Suitable clothing as follows should meet relevant local safety standards: overalls, work boots, goggles, face mask, gloves and ear defenders etc.
- ▲ DO NOT tip mixer onto the drum mouth when engine/motor is running.
- ▲ On electric powered mixers, ensure that any trailing cable is protected against damage and not liable to be tripped over or trapped underneath the mixer.
- ▲ MC Belle strongly recommends the use of a Ground Fault Interrupter (GFI).

When operating the mixer

- ▲ Keep unauthorised persons away from mixing drum.
- ▲ Keep area around the mixer clear of obstructions which could cause persons to fall onto moving parts.
- ▲ Always ensure mixer is on level ground before mixing.
- ▲ DO become familiar with the controls before operating this machine.
- ▲ DO ensure that all guards are fitted in the correct position.
- ▲ DO ensure plenty of ventilation when running diesel/gasoline engines in a confined area.
- ▲ DO replace any worn/damaged warning decals.
- ▲ DO ensure the drum is rotating while emptying the mixer.
- ▲ DO always switch off and remove the plug from the socket if leaving the machine unattended.
- ▲ DO NOT use as a wheel barrow. Disconnect from power supply before moving.
- ▲ KEEP CLEAR of the danger zone.

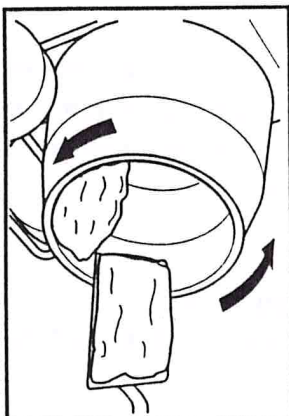
Emergency Stop

If you have to turn off the mixer in an emergency you must: electric: either turn off at switch or at the mains, gasoline: turn the engine switch off, see engine manual.

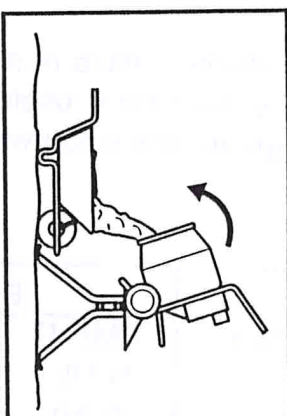
Fire Fighting

If your mixer catches fire, turn off the electric supply. Using a dry powder or CO₂ fire extinguisher put out the fire. If the fire can not be put out, keep away and call the emergency fire department.

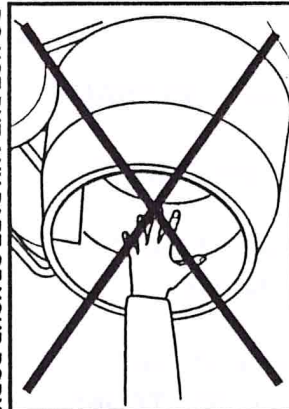
If you are in any doubt about the safety condition of your machine, please consult your nearest MC Belle.



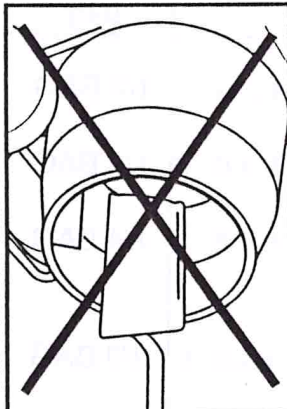
DRUM ROTATES ANTI-CLOCKWISE



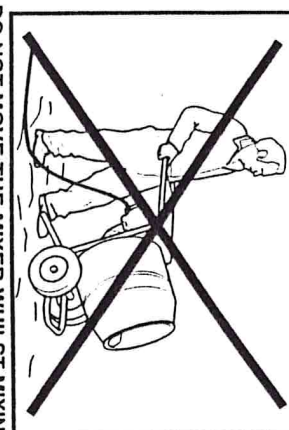
TIP MIXER FORWARD TO DISCHARGE THE DRUM



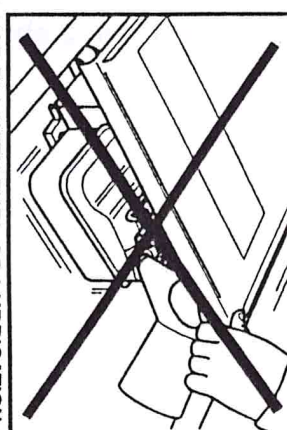
DO NOT PUT ANY PART OF YOUR BODY INTO THE DRUM



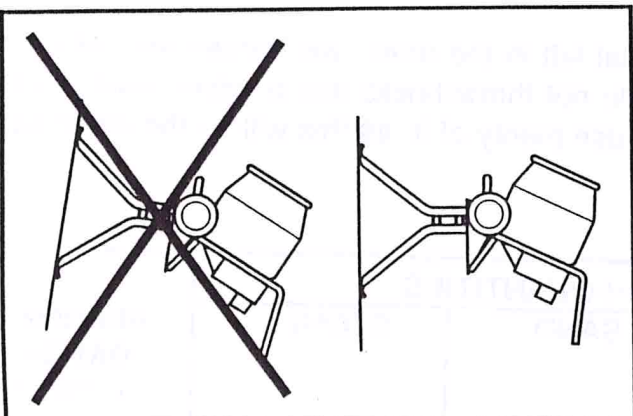
DO NOT PUT SHOVEL IN THE DRUM



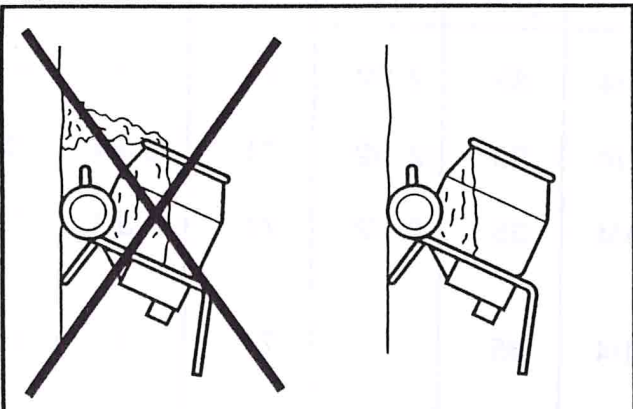
DO NOT MOVE THE MIXER WHILST MIXING



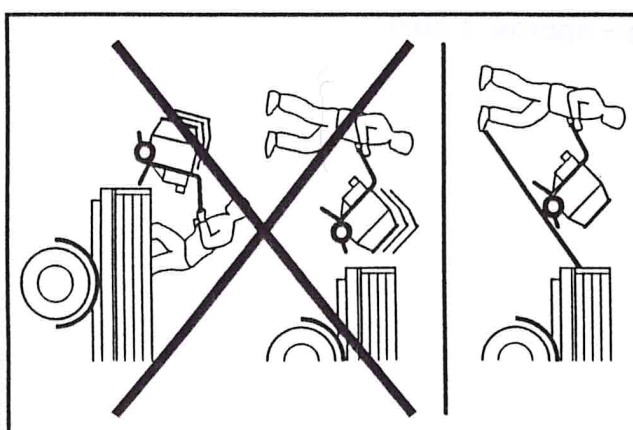
DO NOT FILL WITH FUEL OR LUBRICATION OILS WHILST ENGINE IS RUNNING



ALWAYS MIX ON LEVEL GROUND



ALWAYS WORK WITHIN THE RATED CAPACITY



UNLOAD FROM THE TRANSPORT CORRECTLY