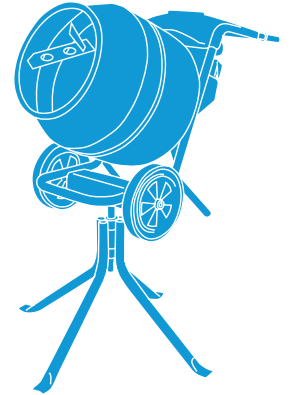
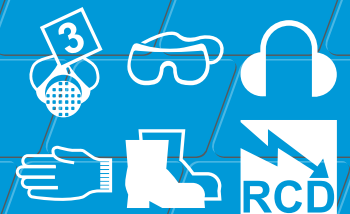


HSS Hire



Tip Up Concrete Mixers

Petrol or electric concrete mixers capable of mixing up to 85 litres at a time



Code 42141/42142/42146

If using an Electric Model...

All that remains is to plug the mixer into a suitable power supply and switch the supply ON.

To switch ON push the green button, to switch OFF simply push the red button. See 'Electrical Safety' for more details of the switch.

BASIC TECHNIQUES

The most important thing to remember when using the mixer is that the drum must be rotating BEFORE loading and should continue to rotate until unloaded. Never switch the mixer ON with a load.

Using a suitable container, place half the water needed for the mix into the rotating drum.

Add the aggregate followed by the cement, then pour in the remaining water. Finally, add the sand and leave the mixer to mix.

Once the mix is ready, keep the drum turning while you tip the drum forward to discharge its contents. Be careful, use both hands on the handles and be prepared for the transfer of weight as the mix moves to the end of the drum.

Once emptied, return the mixer to the upright position. At this point it is a good idea to pour the water for the next mix, into the drum. This will help rinse the drum as you use/lay the mixed load.

EQUIPMENT CARE

Never push the equipment beyond its design limits. If it will not do what you want with reasonable ease, assume you have the wrong tool for the job. Ask at your local HSS Hire for advice.

Keep the equipment clean. You will find this less of a chore if you clean up regularly, rather than wait until the end of the hire period.

If using a petrol mixer, regularly check the fuel level and top up as necessary with unleaded petrol.

Regularly check the oil level - when the engine is cold and the mixer is on level ground. Withdraw the dipstick, wipe it clean, then replace it, remove it a second time and verify that the oil level is between the MIND & MAX lines. Top up as necessary.

When not in use, store the equipment somewhere clean, dry and safe from thieves.

FINISHING OFF

Empty out any remaining mix and wash out the rotating drum with plenty of clean water.

If necessary, add gravel to remove stubborn residue.

DO NOT use bricks or large stones and DO NOT remove cement with a hammer.

When the drum is clean, switch OFF and leave the drum in the discharge position to drain.

If using an ELECTRIC Model ...

Switch the mixer OFF, disconnect the mixer from its power supply. Neatly coil the flex and all leads etc. ready for return.

If using a PETROL Model...

Turn OFF the ON/OFF switch and close the fuel tap.

Whichever you are using...

Tip the mixer forward and lock the swivel base to the mixers frame using the 'D' clamp.

Now taking great care, lower the complete mixer unit forward onto its drum then remove the stand adaptor from the mixers swivel base.

Unlock the swivel base from the mixers frame and tip the mixer back to the upright position.

Dismantle the stand, remove the lock pin from the lower half of the stand adaptor then carefully remove the stand adaptor to separate the two halves of the stand.

All that remains is to give the unit a final clean up ready for return, to your local HSS Hire.



... have you been trained

The law requires that personnel using work equipment have received adequate training and must be competent when using the equipment within the workplace. Training is available at HSS Training Solutions
0845 766 7799

...any comments?

If you have any suggestions to enable us to improve the information within this guide please e-mail your comments or write to the Safety Guide Manager at the address below
e-mail: safety@hss.com

©HSS Hire Service Group Ltd 2008 No. 647/02
Group Office: 25 Willow Lane, Mitcham, Surrey CR4 4TS

Web Site: <http://www.hss.com>

GENERAL SAFETY


For advice on the safety and suitability of this equipment contact your local HSS Hire.


There is a serious risk of personal injury if you do not follow these instructions laid down in this guide.


The hirer has a responsibility to ensure that all necessary risk assessments have been completed prior to the use of this equipment.


This equipment should only be used by a competent adult who has read and understood these instructions. Anyone with either a temporary or permanent disability, should seek expert advice before using it

Keep children, animals and bystanders away from the work area. Cordon off a NO GO area using either cones, barriers or tape, available for hire from your local HSS Hire

 Never use this equipment if you are ill, feeling tired, or under the influence of alcohol or drugs.

 This equipment generates potentially harmful noise levels. To comply with health and safety at work regulations, ear defenders must be worn by everyone in the vicinity.

 Some materials (cement for instance) contain substances which, when inhaled, can be harmful to health. A suitable mask must be worn when using this equipment.

 Wear practical, protective clothing, gloves and footwear. Avoid loose garments and jewellery that could catch in moving parts, tie back long hair.

Ensure the work area is well lit and ventilated, if in doubt, ask about lighting and ventilation equipment at your local HSS Hire.

Do not work near flammable gases or liquids, petrol or paint thinner fumes for example. Keep combustible materials at a safe distance - at least 5m.

Make sure you know how to switch this machine OFF before you switch it ON in case you get into difficulty.

Never leave the mixer running and unattended.

Always switch OFF the equipment (and unplug if electric) before moving it or servicing it. Allow petrol engines to cool.

Exhaust Danger

NEVER operate petrol engines indoors or in a confined space.

The exhaust contains gases that can Kill.

Fuel Safety

NEVER refuel while the engine is hot or running.

Never smoke or allow naked lights into the area while refuelling.

Never inhale fuel vapour.

ALWAYS mop up spillages as quickly as possible, and change your clothes if you get fuel on yourself.

ALWAYS store fuel in a purpose-made sealed container, in a cool, safe place well away from the work area.

Engines, especially the exhausts, get very hot so switch OFF and allow to cool before touching them. Keep flammable materials well away from the engine and exhaust.

Check the condition of the equipment before use. If it shows signs of damage or excessive wear, return it to your local HSS Hire.

COSHH information sheets are available from your local HSS Hire.

ELECTRICAL SAFETY

Most HSS electric mixers plug into a standard 240V 13amp power socket. However, 110v tools (with a round yellow plug) must be provided with a suitable 110v generated supply, or powered from the mains via a suitable 110v transformer.


If the equipment fails, or if its plug or lead gets damaged, return it. Never attempt to repair it yourself.

Keep cables out of harm's way and clear of the work area.

Extension leads should be fully unwound and loosely coiled, away from the equipment. Never run them through water, over sharp edges or where they could trip someone.

Never lift or move this equipment by its power supply cable.

Keep the equipment dry, using electrical equipment in very damp or wet conditions can be dangerous.

 To reduce the risk of electric shock, use a suitable RCD (Residual Current-Operated Device) available from your local HSS Hire. Or power the equipment from a mains circuit with a built-in RCD.

Electric mixers are fitted with an NVR (No Volt Return) switch. The switch will only stay in the ON position if there is a power supply. If the power supply is interrupted, for what ever reason, the switch will move to the OFF position. This safe guards the user so that

when the power is restored, the mixer will not start without warning.

Ensure the machine and power socket are switched OFF before plugging into the power supply

GETTING STARTED

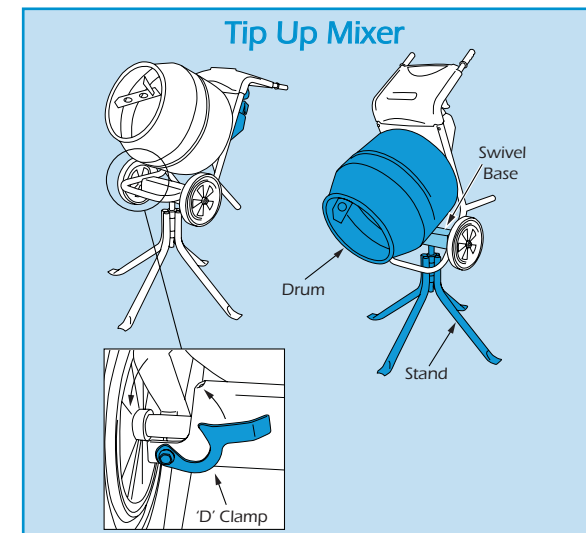
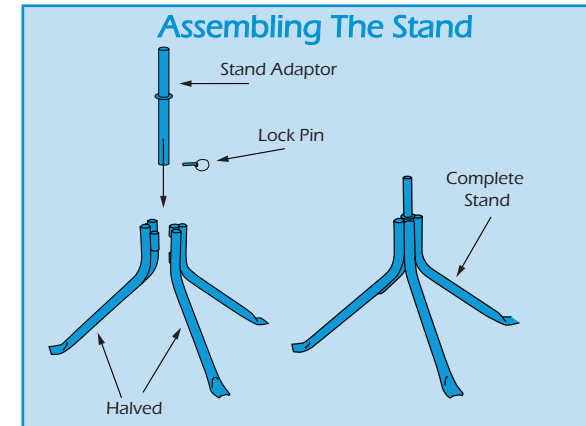
Both electric and petrol models are assembled in the same way, however it is easier to check the engine oil level on the petrol model before the unit is on the stand.

If you are using a petrol model, place the machine on firm level ground and raise the back of the unit to bring the engine level.

You can now check the oil level (see EQUIPMENT CARE)

Whichever you are using..

Assemble the stand, align the two halves of the stand together, then fully insert the stand adaptor.



Insert the lock pin into the lower half of the stand adaptor to secure the assembly.

Tip the mixer forward, on to its drum and insert the stand adaptor in the mixers swivel base.

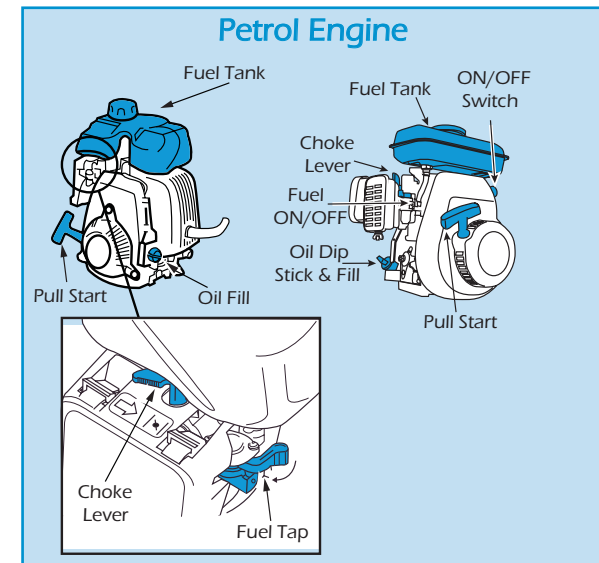
Lock the swivel base to the mixers frame using the 'D' clamp (see illustration).

Now taking great care, raise the complete mixer unit into the upright position.

Once in the upright position unlock the swivel base from the mixer frame and tip the mixer back to the upright position.

If using the petrol model...

Set the engine ON/OFF switch to ON, open the fuel tap and set the choke fully closed if starting from cold, half closed if the engine is warm.



Do Not adjust the throttle as it is preset. Pull the starter cord briskly two or three times and it should start. Once the engine has warmed up, fully open the choke.

