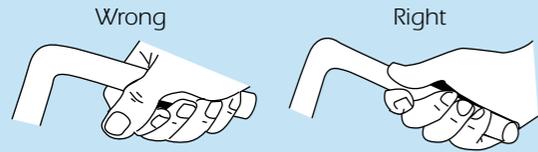


Turn the decompression lever clockwise 90 degrees (see illustration).

Insert the crank handle then, taking note of the 'rule of thumb' warning below, crank the engine (about 5 revolutions) getting progressively faster until the engine compresses and fires.

Rule of Thumb

There's a right way and a wrong way to hold a diesel engine's starter handle. The wrong grip could break your thumb if the handle kicks when the engine fires.



Allow the engine to warm up for a few minutes.

To move the roller to the work area under its own power, set the throttle to position 3 the engine will increase revs but the unit will not vibrate.

Taking a firm hold of the control handle with both hands, pull in the right hand travel lever to move forward or the left hand travel lever to travel backwards. Now position the roller on the work area.

On some models you can alter the speed of travel by moving the lever link pin (see diagram).

NOTE: If travelling in the reverse direction, be aware of what is behind you!

BASIC TECHNIQUES

Petrol Model... Move the throttle to the high position.

Diesel Model... Move the throttle to position 4.

All Models...

Keeping a firm hold of the control handle with both hands, guide the roller over the surface pull in the right hand travel lever to move forward or the left hand travel lever to travel backwards. Work over the surface from left to right then from top to bottom.

The most important thing to remember when using the roller is that the material being compacted will not automatically level out to a perfect finish.

As you compact the area, dips will occur which will need to be filled. For best results, compact the whole area then switch the roller OFF while you fill the dips with more material, then re-compact.

A water container is supplied with the roller for lubricating the drum surface when compacting asphalt or tarmac. Only use fresh clean water.

The container is filled via the top cap, simply pull the cap to remove. The water is controlled by raising the flow lever (see diagram).

The container clips onto the location pins on the front of the unit (see diagram).

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 Shop for advice.

Always switch OFF the roller before making any adjustments to it.

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.

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

Regularly check the fuel level and top up as necessary either with unleaded petrol for the mini roller or DERV for the large diesel engined roller.

Regularly check the oil level – when the engine is cold and the roller 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 MIN & MAX lines. Top up as necessary.

The petrol model has a low oil cut out system which stops the engine if the oil level is low. If the engine stops or will not start, check the oil level and top up as necessary.

FINISHING OFF

Petrol Model...

Set the throttle to minimum, turn OFF the ON/OFF switch and close the fuel tap.

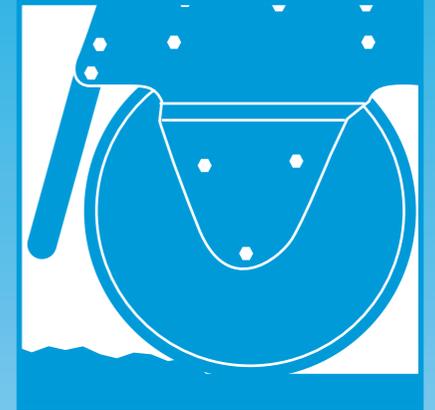
Diesel Model...

Set the throttle control to position (I) and wait for the engine to stop.

Finally, swing the control handle back to the transport position, ready for return to your local HSS Hire Shop.

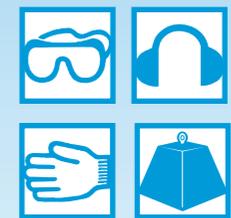
Operating & Safety Guide 650

HSS Hire Shops



Vibrating Rollers Light / Medium

For compacting hardcore, Tarmac and Asphalt.



©HSS Hire Service Group Plc 1997 No. 650/01
Group Office: 25 Willow Lane, Mitcham, Surrey CR4 4TS

Code 47616/47626

GENERAL SAFETY

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

Keep children, animals and bystanders away from the work area.

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

This equipment should only be used by a competent person who has read and understood these instructions.

Ensure the work area is well lit and ventilated.

Exhaust Fumes

Never operate vibrating rollers indoors or in a confined space.

The exhaust contains gases that can kill.

 Safety Goggles MUST be worn by everyone in the work area.

 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.

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

 This equipment is heavy, never attempt to lift a vibrating roller.

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.

Always switch OFF the equipment before servicing it.

Engines, especially the exhausts, get very hot so switch OFF and allow to cool before touching them.

Keep flammable materials well away from engine and exhaust.

Never leave the vibrating roller running and unattended.

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

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

Information on COSHH regulations is available from your local HSS Hire Shop.

GETTING STARTED

Petrol Model...

The engine is fitted with an automatic clutch, when the engine is idling there will be no vibrating action. To activate the vibration, turn the throttle to the full position.

When starting the engine use half throttle, but be ready in case the unit begins to vibrate. If it does, simply lower the throttle setting until the vibrating stops.

When the unit begins to vibrate, it may start to wander, so, site the unit in the centre of the work area to avoid damage to other surfaces.

Adjust the control handle to suit your height by loosening off the lock lever, moving the control handle to the operating position then re-lock the lock lever.

Turn the engine's ON/OFF switch to ON, open the fuel tap, then set the choke to fully closed if starting from cold, half closed if the engine has warmed up.

With the throttle set to the half-way position, a few brisk pulls on the starter cord should now start the engine.

Once started, let the engine warm up for a few minutes before opening the choke and resetting the throttle to the idle position (low).

To move the roller to the work area under its own power, set the throttle half way, the engine will increase revs but the unit should not vibrate. If it does, close the throttle slightly.

Taking a firm hold of the control handle with both hands, pull in the right hand travel lever to move forward or the left hand travel lever to move backwards. Now position the roller on the work area.

NOTE: If travelling in the reverse direction, be aware of what is behind you!

Diesel Model...

Adjust the control handle to suit your height by loosening off the lock lever, moving the control handle to the operating position then re-lock the lock lever.

Set the engine control lever to position 2 (engine start/idle).

