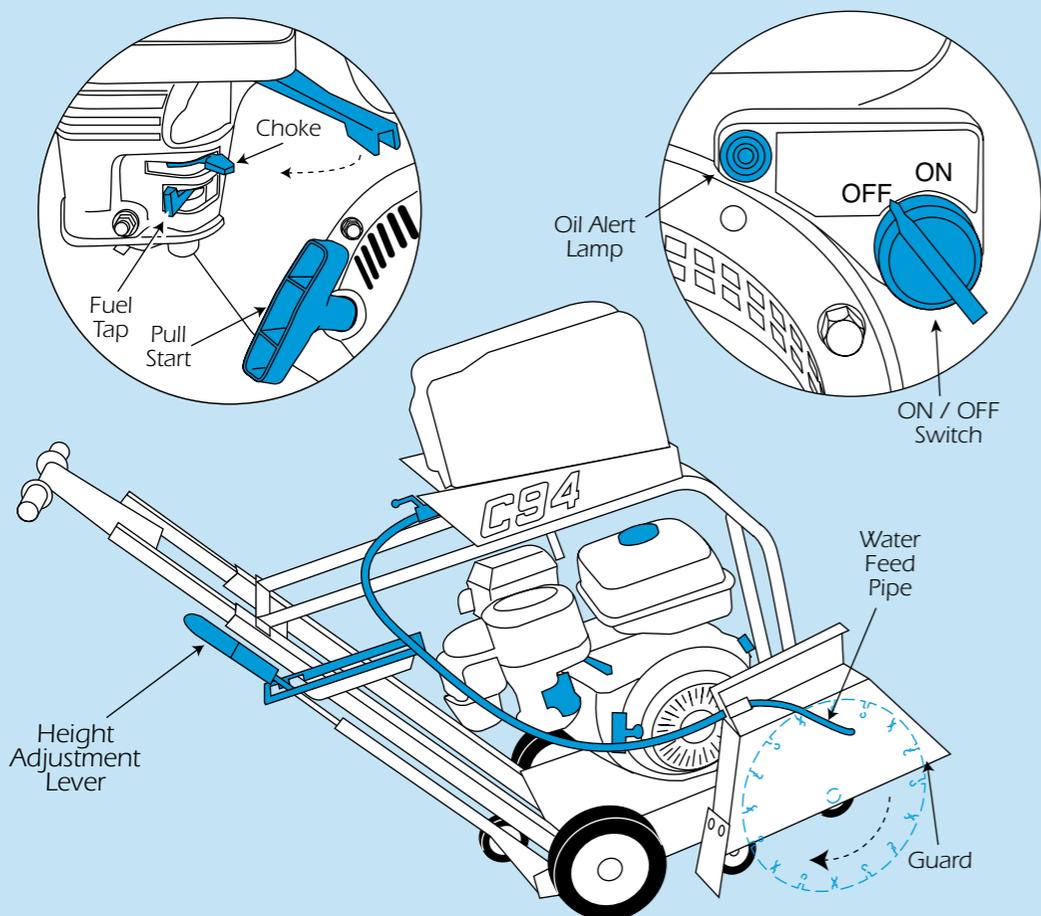


## 350mm Floor Saw



**Keep the engine upright at all times.** If it should get tipped over, mop up oil and fuel spillage's and contact your local HSS Hire Shop for advice.

**Regularly check the fuel level and top up as required** using the correct fuel: lead-free petrol.

**Check the engine oil level daily.** Let the engine cool, stand it on level ground, withdraw the dip stick and wipe clean. Now, replace the dip stick, withdraw it a second time and verify that the oil level is between Min and Max. Top up as required.

If using a wet cut wheel, **regularly check the water in the container and fill as necessary, NEVER cut without a water supply.**

**Regularly check that the wheel and safety guard have not vibrated loose, if either have STOP and contact your local HSS Hire Shop for advice.**

When not in use, **store the equipment with its wheel removed, somewhere clean, dry and safe** from thieves. **Protect this unit from frost and freezing temperatures.**

## FINISHING OFF

Having raised the wheel clear of the floor, switch the engine OFF, close the water valve and wait for the wheel to stop. Turn off the fuel.

Remove the wheel, simply reverse the fitting instruction.

Empty the water container and give the unit a final clean up ready for return, to your local HSS Hire Shop.



## ...any comments?

If you have any suggestions to enable us to improve the information within this guide please fax your comments or write to the Product Manager at the address below

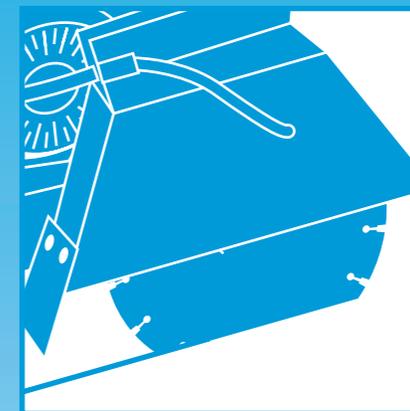
**Fax: 0181-687 5001**

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Group Office: 25 Willow Lane, Mitcham, Surrey CR4 4TS

Web Site: <http://www.hss.co.uk>

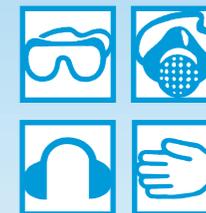
## Operating & Safety Guide 638

# HSS Hire Shops



## Floor Saw 350mm Petrol

For fast and controlled cutting into asphalt and concrete.



Code 43236

## GENERAL SAFETY

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

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

This equipment should be used by an able bodied, 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.

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

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

 Some materials when cut contain substances which, when inhaled, can be harmful to health. A suitable mask must be worn when using this equipment. Respiratory protective equipment is available for hire, contact your local HSS Hire Shop for details.

 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, tie back long hair.

## Exhaust Danger

**NEVER** operate petrol engines indoors or in a confined space.

The exhaust from the engine contains gases that can Kill.

Always switch OFF the equipment when not in use.

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

Do not work near flammable gasses or liquids, and ventilated 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.

Always switch OFF the engine before making adjustments to it. Check that you have removed all spanners before restarting.

## 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.

Having switched OFF, always wait for the wheel to come to rest.

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

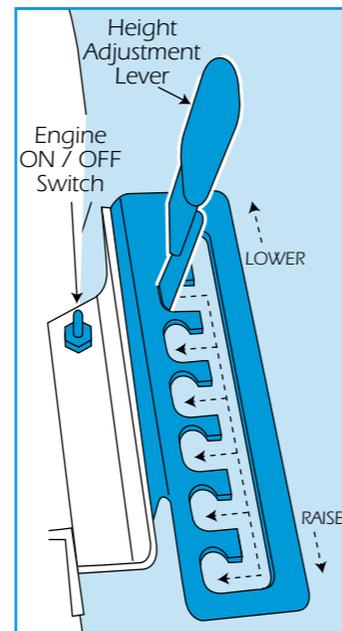
Ensure the guard is correctly fitted and secure before starting work.

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

If you are using this machine with a diamond wheel supplied by HSS, read this guide in conjunction with guide no. 599–Diamond Wheels, available from your local HSS Hire Shop.

## GETTING STARTED

Fit the right wheel for the job. HSS Hire Shops offer diamond wheels for purchase or on a wear charge.



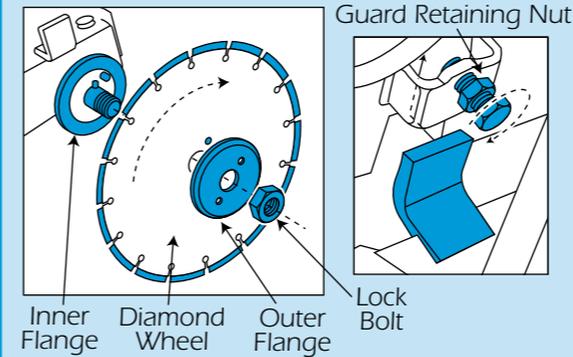
Regularly check the wheel's condition and replace if worn or damaged, using only wheels supplied by HSS Hire Shops.

Ensure replacement wheels are distortion free and undamaged.

To fit a wheel, switch OFF the engine, raise the front of the machine by moving the height adjustment lever back and locking in place within the farthest rear castellation.

Loosen the guard retaining bolt and slide the guard up and clear of the unit.

## Fitting a Wheel



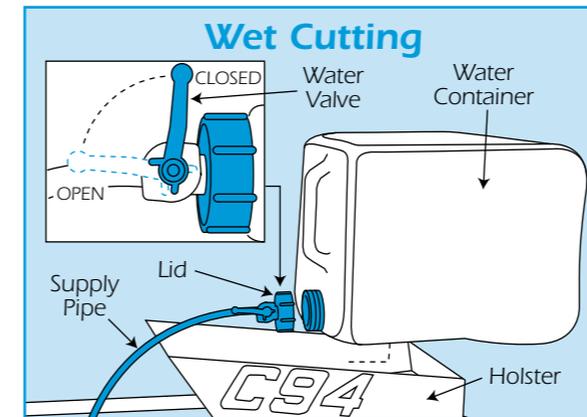
Remove the lock bolt (left hand thread) with the spanner provided, followed by the outer flange and check the condition of both inner and outer flanges. If either is damaged, return the unit to your local HSS Hire Shop.

Now, locate the wheel on to the back flange plate, making sure that both the diameter and the arbor (centre Hole) are the correct size for the machine.

Ensure the direction arrow on the wheel corresponds with the direction arrow on the guard.

Finally, replace the outer flange followed by the lock bolt and secure the wheel in place by tightening the lock bolt (see illustration) take care not to over-tighten. Then re-fit and secure the guard, ensuring the water feed pipe is correctly located (see illustration).

Check that the wheel rotates freely and does not foul the guard, before use.



If using a wet cut wheel, you will need a good supply of fresh clean water. Turn the water valve to the closed position, unscrew the lid from the water container and fill it with fresh clean water. Refit the lid

and place the container onto its holster, ensuring there are no kinks in the supply pipe.

Briefly open then close the water valve to check that the wheel is receiving a good flow of water to both sides.

This unit has the additional safety feature of an engine ON/OFF switch, located next to the height adjustment lever. This MUST be set to the run position or the engine will not start.

Set the engines 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.

The throttle control is factory set to ensure the wheel is rotating at the correct speed, DO NOT attempt to adjust this setting. Two or three brisk pulls on the starter cord, should now start the engine.

Once the engine has warmed up, fully open the choke and switch the engine OFF.

## BASIC TECHNIQUES

Take the unit to the start of the cut, lining the wheel up with any markings on the floor surface.

Start the engine then open the water valve.

Slowly and carefully lower the wheel into the cut, to the depth required and lock the height adjuster lever in position to the nearest castellation.

Move forward at a slow pace allowing the wheel to progress at its own rate.

Take your time and don't over do it. You are more likely to have an accident if you are tired or rushing.

Apply just enough pressure to ensure reasonable progress. Too much pressure will damage the wheel, the workpiece, and the machine's engine.

At the correct pace, the water residue should be of a milk colour. This confirms that the wheel is working at its own pace and that the amount of water being supplied is correct.

After the cut is complete raise the wheel clear of the floor and lock in position, switch the engine OFF, close the water valve and wait for the wheel to stop.

## EQUIPMENT CARE

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

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