

5051/01



Petrol Floor Saws

BASIC SAFETY

Before using this equipment and to avoid personal injury, carefully read and understand these instructions. If there is anything you do not understand, DO NOT use this equipment, contact the hire company for advice.

Make sure you are aware of all safety requirements and that this equipment is suitable for the task you wish to undertake.

The work area must be cordoned off from the general public and bystanders.

This equipment must only be used by persons who are medically fit to do so. If you have any medical condition, are recovering from any medical condition or suffer from any mental or physical disability, you MUST seek professional medical advice before using this equipment.

This equipment must not be operated by persons who are under the influence of alcohol or drugs. Do not use this equipment if you are tired or unwell.

You MUST perform a risk assessment before using this equipment to ensure your safety and the safety of others.

Wear the correct Personal Protective Equipment for the task ahead.

Wear gloves when handling this equipment.

Wear suitable clothing. Protect your eyes, wear safety goggles. Steel toecap boots must be worn. Protect your hearing, always wear ear defenders.

Wear a dust mask or suitable respiratory protective equipment

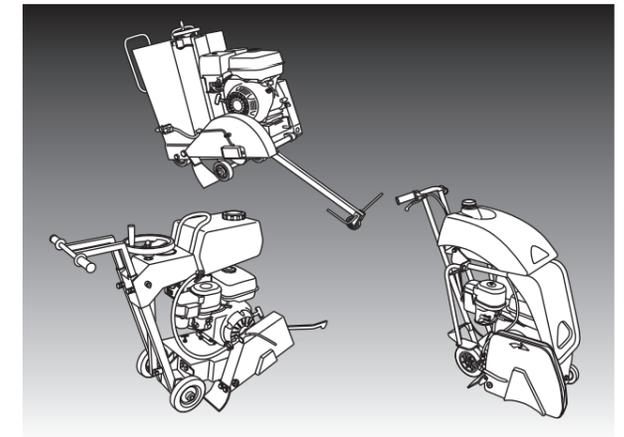
Do not wear loose jewellery or clothing that may get in the way or become trapped in the equipment.

Inform everyone in the work area of what you are doing.

Always operate, store and transport this equipment in an upright position.

Always switch OFF the engine when cleaning, making adjustments or when left unattended.

SAFETY & OPERATING GUIDE



The engine produces exhaust gasses that can kill so safeguard against the risk of carbon monoxide poisoning. Do not operate this equipment within a building or in a confined space, ensure adequate ventilation.

Petrol engines become hot in use so avoid contact with the engine until it has cooled. Only operate this equipment in a well lit and ventilated area.

DO not work near flammable materials.

GET FAMILIAR! You must understand how to switch this machine OFF quickly in case of an emergency.

HAVS
Hand-Arm vibration syndrome is a disease that can lead to permanent disability. This can be caused by prolonged use of any tool or powered equipment that vibrates during operation. For information on manufacturers vibration levels contact the hire company.
As a precaution, stop working if you experience discomfort or numbness when operating the equipment.

This equipment weighs in excess of 25KG, do not attempt to lift it.

The Floor Saw's blade can cause serious injury keep feet and hands clear of the cutting area at all times.

Always operate, store and transport this equipment in an upright position.

Make sure that all guards are present and correctly fitted.

Only operate this equipment in a well lit area.

Petrol DO'S and DON'TS
DO clear up petrol spillages immediately.
DO store spare fuel in a cool, safe place in an approved sealed container.
DO leave a one inch air space in the fuel tank when refuelling
DON'T refuel the engine when it is hot or running.
DON'T smoke or use a naked light when refuelling.

5051/01 PETROL FLOOR SAWS

Frank-Key Tool Hire, 125 Pellon Lane, Halifax, West Yorkshire HX1 5QN
Tel 01422 254 999

Information on vibration levels, weights and sound levels in this guide were obtained from the manufacturer and correct at time of print. No liability will be accepted for any inaccuracies.

Ensure adequate ventilation when using this equipment. Do not operate the unit close to flammable or explosive materials.

Carefully inspect the equipment before use, if there is any doubt about its condition, DON'T USE IT.

PREPARATION

Position the Floor Saw on firm level ground then check the engine oil level and top up as necessary.

With the engine level, remove the oil dipstick and check that the level is in line with the maximum marker. Top up as necessary with suitable engine oil then replace the dipstick.

Always fit the correct and best type of diamond blade, check with the hiring company for the best option.

Blade Safety

Check the blade's condition before the start of each work session, more often if making a large amount of cuts.

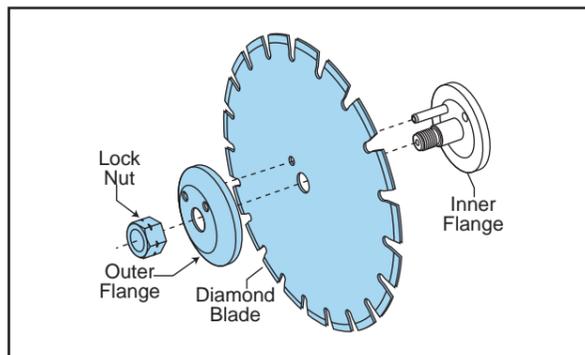
Always replace worn or damaged blades immediately.

Never fit damaged or distorted blades.

This machine requires a 400mm blade with a 25.4mm centre bore.

NEVER FIT SUBSTANDARD OR OLD, USED DISCS.

FITTING A BLADE



With the engine switched OFF, raise the front of the saw by turning the height adjuster anticlockwise. Loosen the guard lock nut and raise the guard back.

Remove the retaining lock bolt with the spanner supplied, by turning clockwise (the nut has a left-hand thread). You will need to use the second spanner to hold the main shaft still.

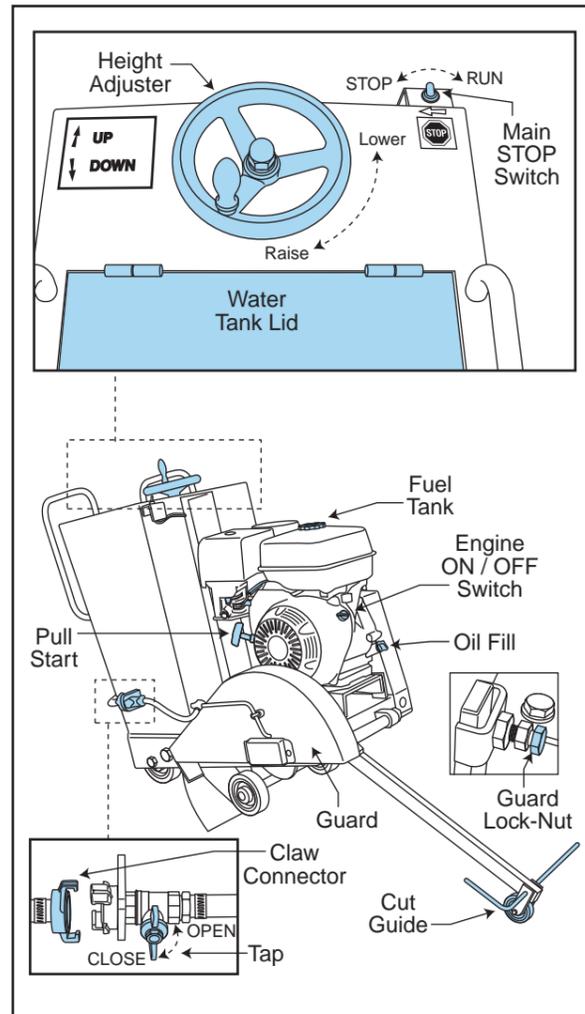
Next, remove the outer flange and spacer flange then inspect all for condition. If any are damaged, STOP and contact the hire company for advice.

If fitting a diamond blade, make sure that the direction arrow on the blade is the correct way round, see illustration.

Place the correct size and type of blade onto the spindle and the drive pin. With the blade pressed against the inner flange, replace the outer flange and lock bolt, ensuring that everything is secure and correctly positioned.

Lower the guard and secure in place. Check that the blade rotates without making contact with the guard or water feed pipes. Check also that the blade runs straight and does not 'wobble'.

WATER SUPPLY



There will be the option of using either a mains water feed or the water tank.

If using the tank it can either be filled in situ or removed and taken to the water supply.

When removing the tank make sure that the water supply taps are closed. Disconnect the supply hose at the claw connection then lift the tank forward and up.

Once filled, make sure the lid is correctly fitted then refit and connect the hose.

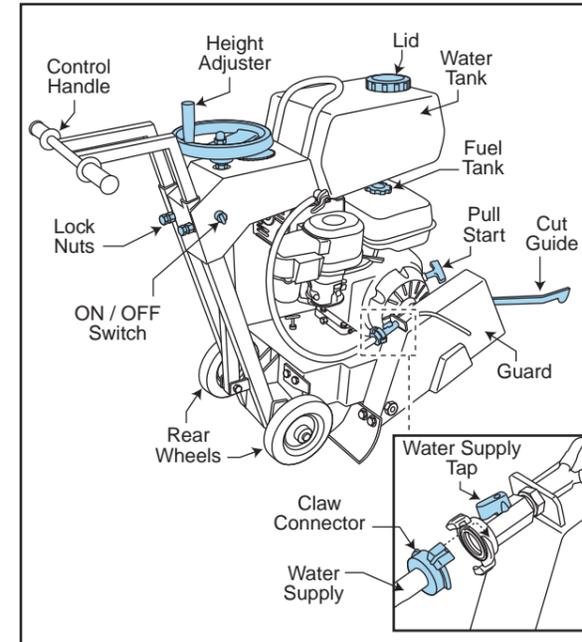
If you are using a mains water supply, the hose end will need a quick claw coupling.

THE CONTROLS

The operators control handle can be adjusted to suite the operator. Loosen the two lock nuts and either raise or lower as required. Once in position, retighten the lock nuts.

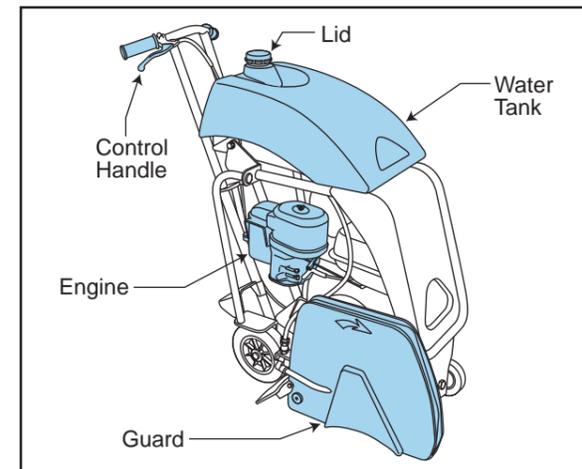
The depth of cut is controlled by the height adjuster, turn the adjuster clockwise to lower the blade and anticlockwise to raise it.

There is a depth gauge fitted to the adjuster which can be used as a rough guide to the depth being achieved.



To use this feature, adjust the blade so that it is just in contact with the floor surface. Next, turn the gauge so that the '0' is in line with the arrow.

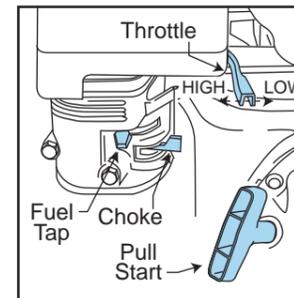
The gauge will indicate depth 10mm at a time.



STARTING AND STOPPING THE ENGINE

Firstly, check engine oil and fuel levels and top up as necessary.

Turn the height adjuster anticlockwise to raise the diamond blade clear of the floor.



Set the ON/OFF switch to ON and open the fuel tap. If the engine is cold, set the choke fully on, if starting a warm engine, set the choke half-way.

Set the throttle to half way then two or three smooth pulls on the starter cord should start the engine.

Once running, allow the engine to warm-up for at least 5 minutes, progressively moving the choke to off, before setting the throttle to idle.

To switch the engine OFF simply move the ON / OFF switch to the OFF position.

Note that the engine is fitted with a 'oil alert' system which will stop the engine if its oil reservoir drops below a safe level. If the engine stops for no obvious reason, always check the oil level first.

OPERATING THE FLOOR SAW

Remove everything from the work area which may cause obstruction or hinder your progress.

Take the unit to the work area and align the unit with the cut line. To help you keep on track, lower the cut guide and keep this over the cut line to ensure accuracy.

Turn the blade height adjuster clockwise to lower the blade until it is just clear of the floor. If fitted with a gauge, set it to '0'.

Start the engine and set the throttle to maximum. Open the water supply taps and ensure a flow of water to both sides of the blade.

Carefully lower the blade until in contact with the floor.

Work along the cut line in stages rather than trying to cut the full depth required.

To stop, fully raise the blade and set the engines ON/OFF switch to the '0' position. Keep clear of the blade until everything has stopped rotating.

Take your time, rushing the job is both dangerous and can damage the machine, the diamond blade and the floor.

EQUIPMENT MAINTENANCE & CLEANING

Regularly check engine oil and fuel levels.

When not being used, store the unit in a clean condition and in a safe place.

FINALLY

When you have finished, give the unit a thorough clean ready for return.

NOTE

Failure to clean the equipment thoroughly may make you liable to a cleaning charge.