



### STARTING FROM COLD (Continued...)

6. Hold the Cutquik down firmly, with your left hand on the front handle. Place your right foot on the carburettor box cover.
7. With right hand, pull-out the starter handle slowly until you can feel that the starter has engaged with the engine then pull it quickly and strongly. Don't pull it out too far, or it might break.
8. Guide the cord back into place so that recoils correctly.
9. If the engine is now running, squeeze and release the throttle trigger. The control level will revert to its normal position and the engine will idle. Set the choke control to (3 lines).
10. If the engine did not start, set the choke control to (3 lines), press the decompression valve button, and pull the starter cord again.
11. In cold weather, let the engine warm up by gently opening throttle, before starting work.

### STARTING FROM WARM

1. Press the interlock and the throttle at the same time. Whilst keeping these pressed in, pull the control lever back to the starting position.
2. Now release the throttle, control lever, and interlock: the throttle is now in position ready to start.
3. Set the choke lever to the (3 lines) position.
4. Follow the rest of the instructions from instruction 4 onwards, given in the section "starting from cold".

### USING THE CUTQUIK

1. Wear protective equipment including goggles and dust mask.
2. Check that the cutting wheel is fitter securely, and that the guard is properly adjusted.

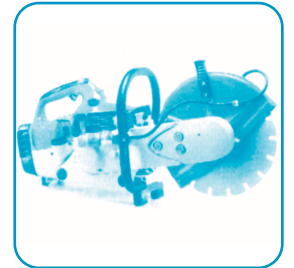
3. Always hold the machine securely with both hands: left hand on the front handle, right hand on the rear.
4. Be prepared for the reactive force when the wheel contacts the surface to be cut: the machine will either pull away, or pull up a vertical surface.
5. Use full throttle: make sure the wheel is running at full speed before lowering it carefully onto the surface.
6. If the machine starts to labour and slow down do not force it so hard. Do not overload the machine. Long shallow cuts keeping the wheel speed up are more effective than aggressive pressure.
7. When you come towards the end of the cut, release some of the pressure on the machine and be prepared for it to come free from material.
8. The machine can only cut in straight line. Do not try to go round corners.
9. Watch out for signs that vibration from the work may be affecting your hands. If your fingers start to tingle or feel numb, take a short break from cutting work. Exercise fingers to encourage blood circulation.
10. To help prevent vibration affecting hands, operate the machine for shorter periods. Keep hands warm – wearing gloves may help do this.
11. Stop the engine if leaving the machine unattended.
12. If the Cutquik does not work properly do not attempt to repair it. Contact the hire company.
13. You may want to read this leaflet again. Please keep it until you have finished work.

# Stihl TS400 Cutquik

The rules and procedures in force where people are at work may require the person responsible for this equipment to carry out a specific risk assessment.

## It is important to read this entire leaflet BEFORE Stihl TS400 Cutquik

1. Petrol mixture is highly flammable. Take care not to cause a fire explosion.
2. This cut off saw is designed to cut concrete, masonry, asphalt, steel, cast iron and similar materials using the appropriate abrasive or diamond wheel.
3. The action of this cut-off saw can cause injury or damage if the machine is not used in a careful and controlled way.
4. If you have not used a cut-off saw before, familiarise yourself with the machine on some straightforward work before you start on the main task.
5. Plan your work and think ahead to make sure you will always be working safely.
6. The following items of personal protective equipment must be worn: goggles; ear muffs or plugs giving protection for levels up to 98db (A); dust mask – a minimum of FFP3 (s) protection; safety boots.
7. This machine must not be used by minors, or by anyone under the influence of drugs or alcohol.
8. This machine is designed for operation by an able bodied adult. Anyone with either temporary or permanent disability must seek expert advice before using it.



Please keep this leaflet safely as it may be required for reference at a future date



## WORK AREA

1. Do not use this saw where there is a danger of explosion. It will ignite fumes from petrol, or gas cylinders.
2. Using this equipment indoors or in confined spaces could cause **fatal** carbon monoxide poisoning. **Never** use it in domestic premises and only use it in other indoor situations if its suitability and the ventilation required has been **fully** assessed. Mechanical extraction ventilation will almost always be required.
3. Make sure that the area is clear and safe and that no-one is close by or could cause distraction.
4. Protect other people from the noise and dust. Warn others to keep away: put up warning signs, or barriers around your working area.
5. Ensure there is a safe clear area to stand, where the machine can be controlled properly when cutting.
6. Check that there are no hidden cables, gas, or water pipes in the area going to be cut.

## OPERATORS

1. The following items of personal protective equipment (PPE) are the minimum that should be worn when using this machine. Particular jobs or environments may require a higher level of protection.
2. Impact resistant goggles must be worn whenever using this Cutquik.
3. This equipment is likely to cause noise levels up to 107db (A) – wear appropriate ear muffs or plugs giving hearing protection for this level as a minimum.
4. An appropriate dust mask (with a minimum of FFP3 (S) protection) will require to be worn when cutting material that causes dust.
5. Safety boots must be worn.
6. Anybody who is working close by will also need to wear appropriate personal protective equipment.

# Before Starting Work...



## STIHL TS400 CUTQUIK

1. Check the machine, including the engine, fuel tank, and guards. If anything is found damaged, do not use the Cutquik – Contact the hire company.
2. Any work that is not part of a fixture should be securely clamped or held in a vice.
3. Always grip the Cutquik with both hands while working, left hand on the front handle, right hand on the rear.
4. Vibration from cutting with this machine can be hazardous. Warm hands before starting work, and wear gloves to keep hands warm while working.
5. Do not use this machine to cut asbestos or materials containing asbestos.
6. Make sure that you understand all of the controls. Before starting the machine, know how to stop it.

## CUTTING WHEELS

1. Do not fit or change any abrasive wheels unless competent to do so.
2. Do not fit the cutting wheel until at the work location, ready to start work.
3. Stop the engine before making adjustments or changing the cutting wheel.
4. Ensure the correct type of cutting wheel recommended by the hire company is used for the material being cut.
5. Look at the speed stated on the label of the cutting wheel being used, and the speed shown on the Cutquik, next to the CE mark. Check that the cutting-off wheel is certified to a higher speed than that shown on the machine.

6. Abrasive wheels fitted to this Cutquik are for cutting on the edge only. Any side pressure could shatter them. Do not try to carry out any grinding work.
7. When fitting diamond wheels, ensure the bore size is the same as the spindle diameter. You must also comply with the direction of rotation mark on the wheel.
8. Make sure the guards around the wheel are in place and adjusted correctly.

## REFUELLING

1. No smoking.
2. Use a fresh mixture of two stroke engine oil with petrol. If using Stihl 2 stroke oil, use 1 measure of oil to 50 measures of petrol (20ml per litre). Otherwise use 1 measure of petrol (40ml per litre).
3. Stop the engine and let it cool down. If possible move the machine away from the work area.
4. Clean the filter cap and the area around it to prevent dirt falling into the fuel tank.
5. Shake the fuel can to mix the petrol and oil.
6. Use a funnel when refuelling. Do not spill any fuel on yourself or the machine.
7. Wipe any fuel off the machine. Dispose of the fuel soaked cloth carefully.
8. If any fuel is spilt on the ground, wipe it up or cover it with soil.
9. If any fuel is spilt on clothes, change them straight away.

10. Put all fuel caps back on properly, and move the fuel can to a safe, cool place.

## CONTROLS

1. There is an interlock control on the throttle trigger, to prevent the throttle being squeezed or pressed accidentally. Always press the interlock in before squeezing the throttle.
2. The main control lever has three positions. Under normal running, it is at the (diagram pic) POSITION. Push the control lever forward TO (diagram pic) to stop the Cutquik. The rear POSITION (diagram pic) is only used starting the engine.
3. On the right of the machine is a decompression valve. This is only used when starting the Cutquik – it needs to be pressed before each fresh attempt to start the engine.
4. The choke control should only be used when first attempting to start an engine from cold.

## STARTING FROM COLD

1. Press the interlock and the throttle at the same time. Whilst keeping these pressed in, pull the control lever back to the starting POSITION MM.
2. Now release the throttle, control lever, and interlock: throttle is now in position ready to start.
3. Set the choke valve TO MM. If the engine has run but is still cold, the choke control should be in THE (diagram pic) position.
4. Press the decompression valve button. This needs to be pressed each time a fresh attempt is made to start the engine.
5. Place the Cutquik squarely on its base plate on the ground. Make sure that the cutting disk is not touching the ground or any obstruction.

(Continued overleaf...)