

## Operating & Safety Instructions

### Please read fully and carefully before use

#### Cutquik Stihl TS400 – Petrol/Oil Mix 2 stroke

**Safety Instructions** - Please note: These instructions are intended as Guidance only. Tools and Equipment must be used in accordance with manufacturers operating guidelines and all applicable legal requirements.

1. The Cut off Saw is used for cutting, steel, cast iron, masonry, asphalt, concrete and similar materials, using a suitable diamond wheel for different applications where necessary.
2. Serious damage or injury can easily be caused by the Saw since the diamond wheel rotates at high speed.
3. Impact resistant Goggles, Gloves, Ear protection for noise levels up to 107dB and a dust mask should be worn during operation, together with reinforced safety boots.
4. The petrol mixture used in the operation of this saw is highly flammable and should not be exposed to intense heat or flames. Do not smoke whilst operating and refuelling this saw
5. The saw should only be used by a responsible, able bodied adult and not by a minor or anyone under the influence of alcohol or drugs.
6. Please take a few moments to familiarise yourself with this piece of equipment.

#### Checking the Saw before starting it up

1. Check every part of the Saw and familiarise yourself with the controls, ensuring that you know how to turn it off. If there is any damage, please contact us immediately on 01375 392333.

#### You and Your Working Area

1. Do not use this equipment in a confined space without adequate ventilation as there is a danger of breathing in toxic fumes, causing a danger to health.
2. Do not use this equipment in a confined space without adequate ventilation as there is a danger of explosion due to the build up of fumes ignited by sparks, causing severe injury or death.
3. **Do not** use this equipment to cut Asbestos Containing Materials.
4. Place barriers around your working area to protect others from the noise, dust and any flying debris.
5. If the object you are to work on is not securely fixed and could move whilst you are working, ensure it is clamped or held in place by a vice or similar. Larger structures should be checked for structural integrity. If you have any doubt, please call us on 01375 392333 and we will be able to provide you with support props.
6. Due to the dust created, ensure hard to clean items or areas to be protected are covered with a dust proof fabric.
7. Depending upon what you are going to work on, check there are no fuel pipes, water pipes, electric cables or gas pipes before you begin.
8. Ensure no loose clothing can be caught in the saw.

#### Cutting Wheels

1. Ensure you use the cutting wheels that we have provided for you, given the information you have provided us with.

2. These wheels are for cutting on the edge only.
3. The speed marked on the cutting off wheel should be certified to a higher speed than is shown on the saw – look next to the CE Mark.
4. The direction of rotation marked on the wheel and the saw, should be the same.
5. Ensure the diameter of the wheel is correct.
6. Check the bore size is the same as the spindle diameter.
7. Check the wheel guards are in place.

### **Putting Fuel into your Cutquik**

1. Ensure that the engine is cool and that the area around the filler cap is free of any dirt which could fall into the fuel tank.
2. Check that the area is safe for refuelling, with no naked flames or possible sparks from other machinery.
3. Check that you are using the correct fuel mix – 2 stroke engine oil with petrol – mix it well and use a funnel to fill the tank.
4. If Stihl 2 stroke oil is being used – 1 measure of oil to 50 measures of petrol (20ml per litre).
5. If other 2 stroke oil is being used – 1 measure of oil to 25 measures of petrol (40ml per litre).
6. Clean up any spillages immediately.
7. Replace the fuel cap and tighten. Store your fuel safely, away from extreme temperatures and naked flames.

### **Controls and Symbols**

1. There are a number of controls which are depicted by symbols on the Cutquik
  - a. The main control lever has three positions:
    - i. Starting the engine - ]●[
    - ii. Normal Running - I
    - iii. To stop the Cutquik – O ↑ stop
    - iv. Choke lever to start from cold Z
    - v. Choke lever once saw is running ≡
2. The interlock control on the throttle trigger prevents the throttle being pressed by accident and therefore always needs to be depressed when increasing the throttle is required.
3. The decompression valve needs to be pressed before starting the engine.
4. The choke only needs to be used when starting the saw from cold.

### **Starting the Engine from Cold**

5. Having already checked that the fuel and oil levels are ok
  - a. Press the 'interlock control' and 'throttle' **at the same time**, whilst pulling the control lever to the starting position, marked with ]●[
  - b. Release the throttle, control lever and interlock control. The saw is ready to start.
  - c. If starting from cold, push the choke lever to Z
  - d. If the engine has run but is cold the push the choke lever to ≡
  - e. Press decompression valve button
  - f. Ensuring the cutting disk is not touching anything, place the Cutquik squarely on its base plate on the ground and hold firmly with one hand on the front handle.
  - g. Put your foot on the carburettor box cover.
  - h. With your other hand, gently pull the starter cord until you feel a little resistance. With an even, quick movement, pull the cord and you will feel and hear the engine start.
  - i. If the engine doesn't start, repeat the process.
  - j. The cord should automatically recoil.

- k. Squeeze and release the throttle control so the lever reverts to its **I** position and the engine is idling.
- l. Once the saw warms after a short period, ease the choke to **≡**
- m. If operating in cold weather, let the engine warm by opening the throttle before commencing work.

### **Starting the Engine from Warm**

1. Having already checked that the fuel and oil levels are ok
  - a. Press the 'interlock control' and 'throttle' **at the same time**, whilst pulling the control lever to the starting position, marked with **]●[**
  - b. Release the throttle, control lever and interlock control. The saw is ready to start.
  - c. Push the choke lever to **≡**
  - d. Press decompression valve button
  - e. Ensuring the cutting disk is not touching anything, place the Cutquik squarely on its base plate on the ground and hold firmly with one hand on the front handle.
  - f. Put your foot on the carburettor box cover.
  - g. With your other hand, gently pull the starter cord until you feel a little resistance. With an even, quick movement, pull the cord and you will feel and hear the engine start.
  - h. If the engine doesn't start, repeat the process.
  - i. The cord should automatically recoil.
  - j. Squeeze and release the throttle control so the lever reverts to its **I** position and the engine is idling.
  - k. Once the saw warms after a short period, ease the choke to **≡**
  - l. If operating in cold weather, let the engine warm by opening the throttle before commencing work.

### **Operating the Saw**

1. Having checked that the guard is in place and started the saw following the above steps, hold the saw firmly with both hands, one on the front handle and one on the rear handle.
2. Run the saw briefly to check everything is working properly, without excessive vibration.
3. If you have any reason to think something is not correct, switch the saw off before making any adjustments.
4. Using full throttle, lower the saw towards the work surface, as soon as it comes into contact you will experience a 'pull' away from you, or upwards if you are working on a vertical surface.
5. Keep a firm and steady pressure, allowing the machine to work to its optimum capacity without labouring due to too much force.
6. The saw can only cut in straight lines.
7. Be aware that the vibration may be hazardous to your health. Make sure you wear gloves. If your fingers begin to tingle or feel numb, stop using the machine for a while and shake your hands to get the blood circulation back and keep them warm.
8. If you need to leave the saw unattended, switch it off and put it somewhere safe.

### **After Use**

1. When your work is finished, let the blade stop rotating completely before withdrawing it from the object you are sawing. Do not try to stop the wheel rotating with your hands or by holding it against another surface.

### **Precautions**

Do not use the saw to cut materials containing asbestos.

### **Troubleshooting**

If the saw do not work properly, please contact us immediately on 01375 392333. Do not try to repair anything yourself.

### **Useful Contacts**

John F Hunt Hire Centres: 01375 392333