

SAFETY/RISK/HAZARD ASSESSMENT

PLANT INFORMATION

NHG Ref/Part No.

CS 500

Plant Name:

500mm Concrete Saw

Potential Noise Level in Db:

110db to less than 115db

Required hearing protection class: 5

Operator Competency:

Plant Licence Not Required



RISK ASSESSMENT INFORMATION

Potential Hazard(s)

Hearing Damage

Risk Level	Medium/High
Control Measures	Hearing protection with a rating of SLC80db 26-360Db must be worn. Note warning label on unit.

Explosion or fire from fuel vapours

Risk Level	Medium
Control Measures	Stop engine before refuelling. Do not refuel while hot. Avoid spillage of fuel when refuelling. Ensure the fuel cap is properly secured after refuelling. Carry out visual checks for fuel leaks and repair before operation. Keep flammables away from the engine. Do not smoke while operating, servicing or refuelling this machine.

Injury or ill health due to exposure to exhaust or fuel fumes

Risk Level	Medium
Control Measures	Do not operate in confined space. Use in well ventilated area, preferably with fume extraction ventilation. Avoid breathing or coming into contact with fuel.

Exposure to ultraviolet radiation if working outdoors

Risk Level	Medium
Control Measures	Wear sunscreen, hat, long sleeves and long pants.

Burn hazard

Risk Level	Medium/Low
Control Measures	Wear protective clothing during operation. Avoid contact with hot components. Never operate the engine with heat shields removed.

Injury from contact with moving parts

Risk Level	Low
Control Measures	All moving parts are protected. Do not remove guards or covers.

Manual handling hazard

Risk Level	Medium
Control Measures	Take care when transporting. Two people are required to lift and transport the machine.

KEY OPERATING INSTRUCTIONS

STARTING THE ENGINE

1. Use the depth control wheel to raise the blade clear of the floor.
2. Attach the cooling supply hose to the cooling inlet.
3. Lower the pointer. Align a straight-edge with a blade. Loosen thumb-screw on front of pointer to adjust guide wheel, align with straightedge.
4. Tighten the thumbscrew
5. Layout and mark the area to be cut using a chalk-line. Align pointer and blade to chalk-line.
6. Place fuel valve in the ON position.
7. Place choke lever in the CLOSED position.
8. Move the throttle lever to 1/3rd open.
9. Place engine switch in the ON position.
10. Pull starter cord slowly, until slack is removed and resistance is felt.
11. Pull starter cord straight back in a smooth fast motion.
12. Place choke lever in the OPEN position when engine is warm.
13. With the engine running adjust the throttle approximately half way.
14. Open cooling supply valve. Verify proper cooling flow and adjust the water flow on the blade to a desired amount.
15. Adjust the throttle as needed to make the cut. Slowly lower the blade until the desired level is reached and begin the cut.

NORMAL ENGINE SHUTDOWN

1. Raise the blade above the ground.
2. Move the throttle lever to lower the blade speed.
3. Place engine master switch in the OFF position. Place fuel valve in the off position.
4. Raise the pointer.

**Please refer to the User Guide and Operators Manual
for detailed Operating Instructions**

The safety information contained in this assessment is general information only and should not be relied upon as a substitute for professional advice or tuition, which the hirer should seek before operating.