

SAFE OPERATING PROCEDURE



Task/Equipment Description: Concrete Plunge Chainsaw



Potential Hazards and Risks:

- Serious cuts, lacerations, or amputation
- Serious injury from kick back, push back and pull in
- Fire, burns, fuel hazards - high temperature of engine and moving parts after operation. Sparks fumes.
- Exposure to noise
- Eye injury, debris
- Hazardous dust and exhaust fumes
- Slips, falls, sprains and strains
- Vibration, manual handling injury, and damage to hands / fingers

DO NOT use this equipment unless you have been trained in its safe use and operation.

Required Personal Protective Equipment (PPE)

PPE	Gloves	Hearing Protection	Head Protection	Eye Protection	Eye (UV) Protection	Safety Footwear	FaceVisor / Welding	Dust Mask	Half Face Mask (P2)	Breathing Appartus	Hi-Vis Apparel	Full Body Clothing	Harness
✓													
	✓	✓	✓	✓	<input type="checkbox"/>	✓	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	✓	<input type="checkbox"/>

Other PPE (describe):

- Long hair, loose hair, loose clothing, jewellery must be contained, PPE and any protective clothing must be **closely fitted and not loose fitting**.

ALWAYS

Read the operations manual prior to using

Check the saw for any damage and ensure the safety guard is in place and functional

Restrict access of work area to unauthorised persons

Wear appropriate PPE when operating saw

Operate saw at angle away from body

Maintain firm hold on saw whilst performing cut in case of kickback which can be sudden rapid and life threatening Read the operations manual prior to using

Ensure operator is suitably trained and competent to operate the saw

Ensure all guards are fitted, secure and functional

Use water when performing cuts for dust suppression

Ensure water supply / hoses do not increase the risk of tripping or falling

Have a first aid kit nearby and fire extinguisher

NEVER

Never drop start the saw. Place firmly on the ground then start the saw

Never operate the saw if there is any damage or leaking fuel lines

Never operate the saw above shoulder height

Never operate the saw with incorrect blade or poorly installed blade

Never operate the saw if not suitably trained

Never operate the saw without the prescribed PPE

Never operate the saw without water / dust suppression

Never use the saw for trimming or shaping

Never operate the saw with damaged blade

Never refuel saw if it is still running or hot

Never use for purposes outside cutting concrete, masonry, stone and steel

Never sharpen the diamond chain – return to Diamond Hire

Safe Operating Procedure:

1. Pre-Operation – Safety Checks:
 - Visually inspect the saw prior to each operation.
 - Inspect the intended work area and ensure it is clear of obstructions, clear of flammable materials, and is firm and level.
 - The saw operator must be suitably trained and experienced to operate the saw. Inexperienced operators must be supervised.
 - Always wear all required PPE for tasks.
 - Ensure the saw has a service tag indicating safe to use
 - Ensure the saw is clean and free of any damage.
 - **Ensure stop/start switch and throttle lockout and throttle are fully functional and that the saw is turned off before starting**
 - **Ensure full understanding of the throttle, lockout and stop switch**
 - Check correct chain is correctly installed and in good condition
 - Ensure safety guard is in place and fully functional.
 - Check the saw has sufficient fuel for the task.
 - Ensure there are no obstructions near the saw blade.
 2. Operation – Safety Procedure:
 - Restrict unauthorised access to the work area during operation. Ensure all persons in vicinity have hearing protection.
 - Place the saw on the ground and while holding saw down with one hand, pull starter cord with the other hand to start.
 - Ensure water / dust suppression is used
 - Ensure blade is at full speed before attempting the cut. Ensure clean straight cut.
 - Hit off switch immediately if the saw jams.
 - Retract blade from material being cut before starting the cutting again.
 - After the cut, retract blade from material.
 - Stop engine. Wait until blade has come to a complete stop before moving saw.
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This document does not replace training; it is provided as a guide to the safe use of this type of equipment. Refer to the manufacturer's manual or training documents for further information. This is a non-specific document and must be assessed against your particular brand of equipment and the working environment. Where necessary a Task Specific Risk Assessment should be undertaken.

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- Stop the engine and allow to cool before refilling the fuel tank. Refuelling must be done in a location which reduces risk of flammable fumes in the work area and is 3m from restarting location

3. Post-Operation – Housekeeping:

- Before cleaning up tasks - switch the machine off and allow it to come to a complete stand still.
 - Ensure the saw is shut down before performing any maintenance.
 - Leave the work area in a safe, clean, and tidy state.
 - Observe correct manual handling techniques when lifting and moving equipment.
 - Ensure the saw is stored safely and/or correctly secured for transport.
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