


**PLANT INFORMATION**

**PSA Ref #:** 00051  
**Model No:** T4D  
**Plant Name:** GROUND HOG RETICULATION TRENCHER T4D  
**Manufacturer:** Crommelins Machinery WA  
**Manufacturer's Website:** www.crommelins.com.au  
**Web Link for Plant:** www.crommelins.com.au.  
**Potential noise level in dB:** 85 to less than 95  
**Required hearing protection class:** 2  
**Mandatory Personal Protective Equipment:**



**CROMMELINS™ MACHINERY**

-   
 Dust Mask
-   
 Foot Protection
-   
 Hearing Protection
-   
 Protective Clothing

**RISK ASSESSMENT INFORMATION**

**Operator Competency:** Plant Licence Not Required

Potential Hazard(s)	Risk Level	Control Measure(s)
Exposure to ultraviolet radiation if working outdoors.	Medium	<ul style="list-style-type: none"> <li>• Wear sunscreen, hat, long sleeves and long trousers.</li> </ul>
Explosion or fire from fuel vapours.	Medium	<ul style="list-style-type: none"> <li>• Stop the 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 inspection for fuel leaks and repair before operation. Keep flammables away from the engine. Do not smoke while operating, servicing or refuelling this machine.</li> </ul>
Coming into contact with hot parts of the engine.	Medium/Low	<ul style="list-style-type: none"> <li>• The muffler is fitted with a heat shield. Let the engine cool down before attempting any maintenance. Avoid contact with hot components.</li> </ul>
Manual Handling Hazard	Medium/Low	<ul style="list-style-type: none"> <li>• This unit requires a multiple lift. Use correct lifting techniques. It is recommended to use the lifting frame provided for a mechanical lift.</li> <li>• The weight of the unit is 105kg's.</li> </ul>
Inhaling exhaust or fuel fumes.	Medium/Low	<ul style="list-style-type: none"> <li>• Only operate in a well ventilated area. Do not operate in a confined space. Avoid breathing petrol fumes. Avoid skin contact with petrol.</li> </ul>

Hearing damage from excessive noise.	Medium/Low	<ul style="list-style-type: none"> <li>Hearing protection with a rating of 20db must be worn.</li> </ul>
Coming into contact with moving parts.	Low	<ul style="list-style-type: none"> <li>A belt guard is fitted to the plant. Do not remove guards or covers. Protective footwear must be worn at all times.</li> </ul>
Inhalation or eye contact with dust generated from digging in the ground.	Low	<ul style="list-style-type: none"> <li>Wear an approved dust mask and eye protection to avoid contact with any dust generated during trenching.</li> </ul>
Do not use on inclines of more than 20 degrees	Low	<ul style="list-style-type: none"> <li>Ensure the equipment is operated on a stable, level surface. Operation across a slope may cause the equipment to be difficult to control. If equipment is tilted while operating, engine seizure may occur due to improper lubrication, even with max. oil level and functioning oil protection system. Fuel spillage may also occur</li> </ul>
Coming into contact with digging chain or auger.	Low	<ul style="list-style-type: none"> <li>A protective bar is fitted over the top of the digging chain. Keep hands and feet well clear of the rotating chain and auger. Protective footwear must be worn at all times.</li> </ul>
Risk of electric shock due to chain coming into contact with underground cables.	Low	<ul style="list-style-type: none"> <li>The digging capacity of the machine is less than that specified for underground cables. Always check the relevant authority for underground obstacles before digging.</li> </ul>

**Customer Identified Hazard(s)**

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**Key Operating Instructions**

Use unleaded fuel only.  
 To start, turn on the fuel tap by moving the lever to the down position.  
 Ensure both the stop switch on the engine and the handle are in the ON position.  
 For cold starting close the choke lever.  
 Start the engine by pulling the recoil rope with the throttle in low speed position.  
 (This will prevent the clutch engaging until operation is ready to commence)  
 As the engine warms up return the choke lever to the open position.  
 To commence operation set the cutting depth to the desired position.  
 Firmly grip both handles during operation to maintain control.  
 Increase the throttle speed to the desired position and let the chain dig down to the depth selected.  
 To commence trenching push down on the handle while pulling the machine backwards to the ratchet stop on the wheels, let the chain dig down to the selected depth and repeat until trench is completed.  
 To stop return the throttle to low speed, turn OFF the stop switch on the handle and turn off the fuel tap.

Please refer to the User Guide and Operator's Manual for Operating Instructions

The Safety Information on this assessment has been developed for the Hire and Rental Industry to assist in the safe operation of this equipment.

This information contains general information only and should not be relied upon as a substitute for professional advice, which the user should seek before operating.

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