



Hire and Rental Industry Association Ltd

Product Safety Assessment Sheet

PLANT INFORMATION

PSA Ref #: 00381

Model No: PTX SERIES

Plant Name: CROMMELINS/SUBARU PETROL TRASH PUMPS

Manufacturer: Crommelins Machinery WA

Manufacturer's Website: www.crommelins.com.au

Web Link for Plant: www.crommelins.com.au

Potential noise level in dB: 95 to less than 100

Required hearing protection class: 3

Mandatory Personal Protective Equipment:



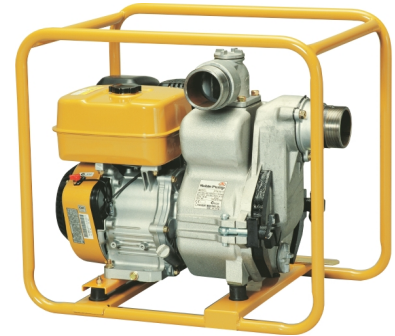
Foot Protection



Hearing and Eye Protection



Protective Clothing



THE CROMMELIN GROUP

RISK ASSESSMENT INFORMATION

Operator Competency: Plant Licence Not Required

Potential Hazard(s)	Risk Level	Control Measure(s)
Explosion or fire from fuel vapours	Medium	<ul style="list-style-type: none"> 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 checks for fuel leaks and repair before operation. Keep flammables away from the engine. Do not smoke while servicing or refuelling this machine.
Exposure to ultraviolet radiation if working outdoors.	Medium	<ul style="list-style-type: none"> Wear sunscreen, hat, long sleeves and long trousers.
Hearing damage from excessive noise.	Medium/Low	<ul style="list-style-type: none"> Hearing protection with a rating of 20db or more must be worn.
Manual handling hazard.	Medium/Low	<ul style="list-style-type: none"> Use two people to lift. Do not attempt to lift by one person if weight exceeds 20kg.
Coming into contact with moving parts.	Low	<ul style="list-style-type: none"> All moving parts are shielded. Do not remove guards or covers.

Customer Identified Hazard(s)

Key Operating Instructions

CONNECT SUCTION HOSE - Use a reinforced-wall or wire braided hose to prevent suction collapse. Since the pump self-priming time is directly proportional to hose length, a short hose is recommended. Always use a strainer with the suction hose as this will prevent large pieces of gravel or debris being sucked into the pump which will cause serious damage to the impeller and the pump casing.

CONNECT DELIVERY HOSE - When using a fabric hose, always use a hose band to prevent the hose from disconnecting under high pressure.

CHECK PRIMING WATER - It is recommended that the water chamber of pump casing should be primed full of water before operating.

Always ensure end of suction hose is completely submerged in water before starting engine.

FUEL - Use unleaded ONLY.

STARTING ENGINE - open the fuel cock, turn the stop switch to the position (ON), set the speed control lever 1/3 of the way towards the high speed position, close the choke lever, pull the starter handle slowly until resistance is felt, this is the compression point, return the handle to its original position and pull swiftly, do not pull out the rope all the way, after starting the engine gradually open choke by turning the choke lever and finally keep it fully opened, do not fully open the choke lever immediately when the engine is cold or the ambient temperature is low, because the engine may stop.

RUNNING ENGINE - after the engine starts, set the speed control lever at the low speed position and warm it up without load for a few minutes, once warm gradually move speed control to required engine speed.

STOPPING ENGINE - set the speed control lever at the low speed position and allow the engine to run at low speed for 1 or 2 minutes before stopping, turn the stop switch counter clockwise to the position (OFF), close the fuel cock, pull the starter handle slowly and return the handle to its original position when resistance is felt, this operation prevents outside moist air from intruding into the combustion chamber.

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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