

**Pit Cleaning Vehicle
Right-Hand or Left-Hand Drive**



INTRODUCTION

- Designed and built to suit specific operational requirements. Compact and ergonomic layout ensures ease of use and maximum flexibility for operation.
The Hydrant pit cleaner will perform the following operations:
 - Routine sampling from hydrant low point drains.
 - Cleaning of hydrant pits with air and water
 - Removal of dirt and water with vacuum suction.
- Work bench and tool lockers for maintenance work.

OPERATION -

- Draw samples from hydrant system low points into a storage tank.
- Closed-circuit fuel sampling.
- Pressure wash the pit valves with a high-pressure water jetting lance attached to a spring rewind reel mounted hose.
- Dry the pit valve with compressed air via lance.

- Evacuate the valve pit with a suction lance connected to a vacuum tank via a suction hose.
- The water jetting pump, vacuum pump & air compressor are hydraulically driven via selector valves.
- The hydraulic system is configured such that the water jetting pump & the vacuum pump can run simultaneously.
- Choice of chassis make.

Typical Vehicle Dimensions: Length 6.8m, Height 2.5m, Width 2m

PERFORMANCE

- Low Point flushing 800 litre stainless steel tank.
- Vacuum pump capable of removing 300Lpm into a pressurised 650 litre stainless steel tank
- Air System 150psi 40m³/h 5.5hp compressor with an 80-litre tank.
- Jet wash system capable of delivering up-to 13 litres per minute up to 1500psi with 300 Litre stainless steel water tank.

CONTROL STATION

Located on the driver's side of the vehicle.
All valves, instruments and controls are ergonomically located for ease of use and operation.

FAILSAFE BRAKE INTERLOCK SYSTEM

- Failsafe system with electrical proximity switches.
- Interlock override facility and warning lamps

HYDRAULIC SYSTEM

A hydraulic pump is driven from the chassis gearbox mounted power take-off and powers the pumps and the hose reel rewind system.

Hydrapak cooling unit.

ELECTRICAL SYSTEM

Battery isolating switch,
Intrinsically safe sensing and lighting.

FINISH

Painted White to with the tanks stainless steel.
components un-painted.



PLEASE NOTE.

THIS IS A GENERAL DATA SHEET.

**ALL PIT CLEANING/SERVICE VEHICLES CAN BE DESIGNED AND BUILT TO SUIT THE
OPERATOR'S SPECIFIC REQUIREMENTS.**

IF YOU NEED SOMETHING DIFFERENT, PLEASE DON'T HESITATE TO CONTACT US.

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