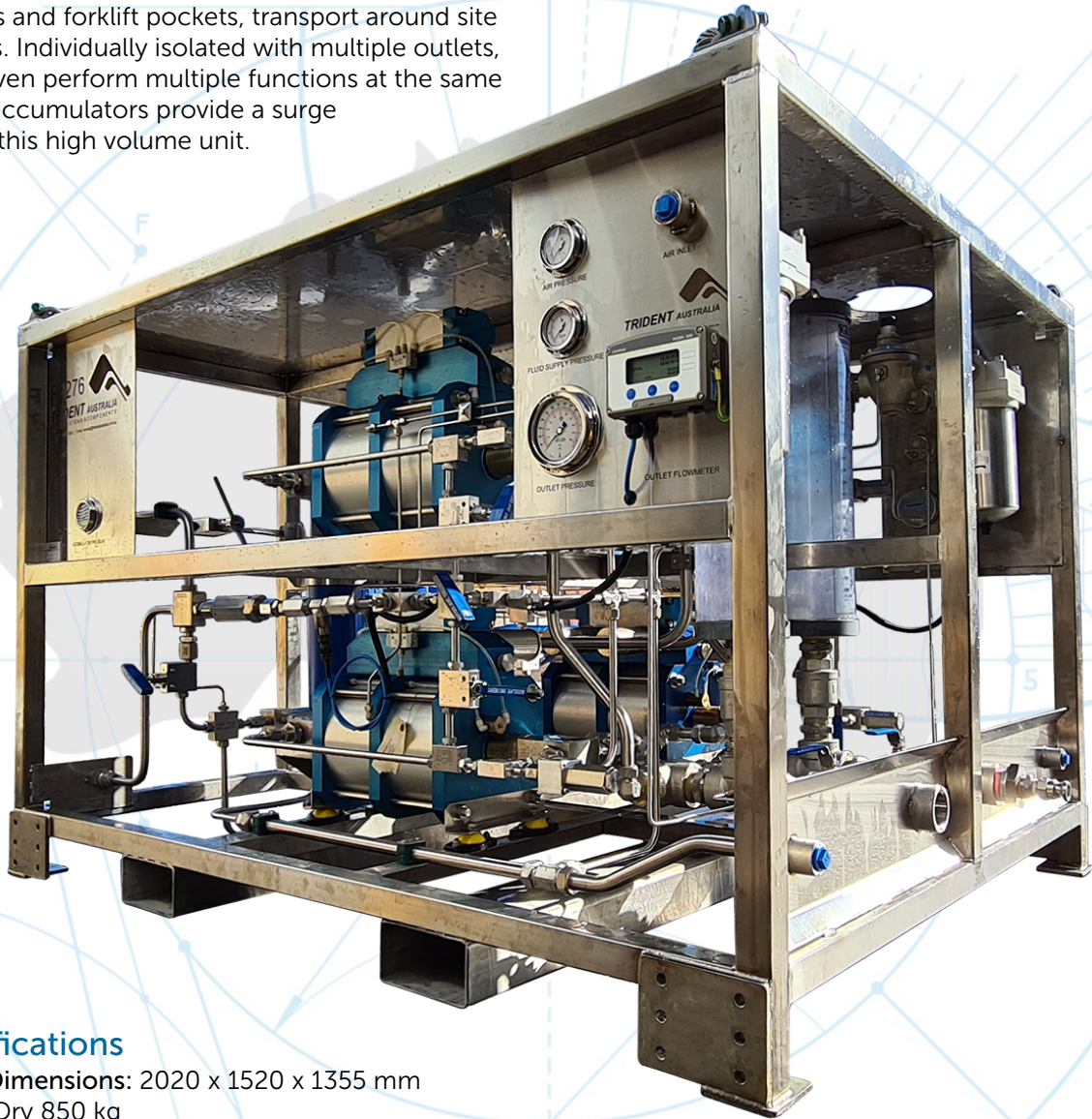


R2276

Trident Australia High Volume Chemical Injection Unit

Trident Australia's 701 Series Air Driven pump unit has a range of uses. With both high volume and high pressure pumps it is ideal for and not limited to high volume chemical injection or pressure testing. Provided with rated lift points and forklift pockets, transport around site is no problems. Individually isolated with multiple outlets, this unit can even perform multiple functions at the same time. In-built accumulators provide a surge dampener for this high volume unit.

TRIDENT AUSTRALIA
FLUID SYSTEMS & COMPONENTS



Unit Specifications

Overall Tool Dimensions: 2020 x 1520 x 1355 mm

Tool Weight: Dry 850 kg

Reservoir: 280 litres

Options

Available as a package with all hoses and fittings as required. Entire unit can be flushed and certified to cleanliness standard AS4059 6B-F or equivalent.

All of Trident Australia's rental equipment is checked and serviced before every rental job to ensure you get the best product and experience every time

WHAT YOU NEED.
WHEN YOU NEED IT.



15 Magnet Road,
Canning Vale WA 6155 | Australia
+61 8 9456 1300 phone
www.tridentaustralia.com.au

R2276

Trident Australia High Volume Chemical Injection Unit

TRIDENT AUSTRALIA
FLUID SYSTEMS & COMPONENTS



- 4 off Autoclave Engineers AHL66 Air Driven Liquid Pumps
 - Internal components suitable for use with Methanol and MEG
- Unit split into two subsystems, each with:
 - 2 pumps
 - 1 inlet, 1 outlet - 1 tank can be connected to each subsystem and each subsystem can be connected to 1 injection point. This allows for a total of 2 tanks and 2 injection points
 - IECEx ia flowmeter and totaliser
 - Pulsation Dampener and check valve on outlet to assist with sudden pressure increases
 - Each pump controllable with air pressure regulator and ball valve
 - Pump pressure is directly relatable to air inlet pressure
 - Pump flow rate is adjusted by air inlet valves
 - Flow rate to be set and monitored using the flow meters
 - Outlet pressure to be monitored using analogue gauge

Max flow data per subsystem:

Liquid Pressure	Flow Rate
0 psi	27.4 lpm
5,000 psi	19 lpm
10,000 psi	11.4 lpm

Trident will supply inlet and outlet manifolds that allow for combining of the two subsystems to one. With this setup supply is only available to one injection point. Max flow available with this setup:

Liquid Pressure	Flow Rate
0 psi	54.8 lpm
5,000 psi	38 lpm
10,000 psi	22.8 lpm

*Flow rates based on Autoclave data sheet, final results provided on completion of build. Trident will use suitably sized components and tubing to ensure maximum flow is achievable.

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