

PROBLEM: Ever increasing trucking and fluid handling costs relating to the transportation of well-site fluids.



SOLUTION: Don't haul the fluid off site, pump into an existing pipeline.

What can you pump?

- LPG
- Sour oil
- Condensate
- Water, etc..

Trisons portable pump minimizes the need for transportation and storage of well-site fluids.



PORTABLE PUMPING FACILITY UNIT 3, 15m³/hr x 6300 kPa

Cleaner, Greener and a Cost Effective Solution for Fluid Handling

A pumping system capable of pumping well fluids directly into an existing pipeline, thereby minimizing the need for trucking fluid off site and reducing onsite storage.

Environmental impact:

- Lower operating emissions
- Decrease in road disturbance
- No spills due to traffic accidents
- Venting and priming through vent header

Cost savings:

- Recycle flow-back Hydrocarbons / water back into pipeline.
- Cost of fluid hauling is minimized due to less trucking, disposal, and fluid handling costs.
- Less congestion and traffic on site
- Minimum space required for spotting

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An Oil and Gas industry alternative to fluid hauling and storage



Trisons is COR certified through Alberta Safety Council and is a registered member of



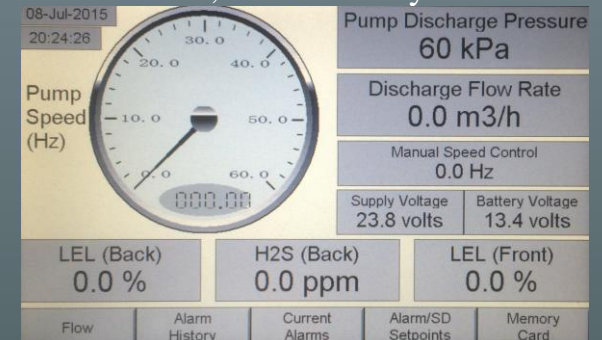
SAFETY & RELIABILITY

- Unit is CSA certified, and all Piping is NACE.
- Zoned Class 1, Div 2
- Complete Shut-down ensured through remote sensors located throughout unit should LEL's or H2S reach pre-determined levels.
- Power generator is housed separate from pump unit and equipped with an automatic positive air and LEL shutdown
- Pump equipped with vapor-less stuffing box with its own safety shut-down.
- On board generator allows for complete stand-alone operation.
- Extra power connections provides versatility should additional equipment need power.
- Pump and generator equipped with spill containment.
- Easy to use control panel equipped with Stop and Go buttons, speed pot for motor control, USD button for unit shut down, and an LCD screen for visual monitoring.
- WIFI access to PLC unit available for remote information access.

SPECIFICATIONS & CAPABILITIES

- Maximum working capacity of this unit is 15m³ /hr (360 m³/day)@6300kPa
- Easy to use touch screen panel (HI) to input parameters (fluid rates, batch amounts, operating pressures) and or manual mode with speed pot.
- Pump head is 316 Stainless Steel NACE.
- Option of inlet/outlet hard piping and or suction hosed and discharge high pressure hose.
- A Yaskawa Variable Frequency Drive (VFD) works in conjunction with remote control panel.
- Abrasive Resistant type valves.
- Pump operates anywhere from suction to high inlet pressures. Booster pump available on system.
- Pre-set relief valve and field variable valve discharges into suction line.
- Pulsation dampener on fluid manifold.
- Monitoring can be local and or WIFI.
- Beacons offer a visual reference of pump status. Horn to alert LEL and or H2S

- Oil and Gas industry alternative to fluid hauling and on-site fluid containment.
- Compact, completely equipped, self contained, portable pumping facility
- CSA and Dot Certified
- Operator friendly
- Reliable, safe and easy to use



**AN INNOVATIVE AND COST
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MINIMIZE HANDLING AND
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