

Z2 DNV2.7-1 LIGHTWEIGHT PUMP UNIT

- ✦ Split skid DNV2.7-1 compliant frame design ensuring each single lift maximum 1,250Kg;
- ✦ ATEX Zone 2 compliant, hydraulic drive design c/w remote triplex skid and transfer pump;
- ✦ Seal-less Diaphragm triplex c/w Hastelloy fluid end & FFKM (Kalrez) diaphragms allows for wide range of chemicals to be pumped.



Operation / Service

- Chemical injection
- Flushing/descaling
- Well intervention

Safety / Environmental

Suitable for operation in Zone 2 Hazardous Areas, supplied c/w:

- Water cooled exhaust manifold and turbocharger;
- Exhaust gas cooler;
- Spark arrestor;
- Shutdown system including overspeed, exhaust temp, coolant temp, oil pressure and E stop.

DNV 2.7-1 compliant lifting frames c/w 4 point lifting slings

Full drip tray c/w drain ports in rail.

Triplex pump

Wanner Hydra-cell T100 Triplex Diaphragm pump, capable of pressures up to 3,500psi (241 Bar) and flow rates up to 38USG/min.

Engine

- Cummins 4BTA3.9 providing 100bhp @ 2400rpm (net);
- ATEX EN1834-1 compliant Z2 Diesel Engine System by EPEC;
- Spring start (pneumatic start optional)
- Pneumatic / mechanical control & shutdown system.

Control panels

Engraved stainless-steel control panels comprising central Engine / Hydraulic controls & instrumentation.

Weights

Engine skid:	1,160 kg
Hydraulic skid:	1,250 kg
Pump skid:	1,180 kg

Dimensions (each skid)

Length:	1,800 mm
Width:	1,500 mm
Height:	1,720mm

Ambient temperature

0 - 50°C (32 - 122°F)

Fuel consumption

19lph at full load.
6 hours fuel tank capacity.

