

**NITROGEN PUMPE****Dimensions**

Length(mm).....: 5500                                Width(mm).....: 2440                                Height(mm).....: 3000  
Weight (kg).....: 14700  
Lifting/ Transportation.....: 18' Container with forklift channels and lifting slings. DNV 2.7-1.  
Certificate(s) / Serial No:.....: NP-60

**Construction year**

Built.....: 2023

**Area of use / certification**

Onshore/offshore.....: Offshore  
Standard.....: Zone II, Solas 74 ch.II-2, ATEX II 3G IIA T3, 83 dBA

**Flow / Pressure / Volume**

Q max (SCF/H).....: 180000  
Q-max - Alternative 2 (SCF/H).....: 100000  
P-max (bar).....: 690  
P-max Alternative 2 (bar).....: 1034

**Connections**

Inlet connection.....: 2 ea, 1 ½" Acme 150  
Outlet connection.....: Out: 2" Weco Fig. 1502 male / 1" NPTF  
Return: 1 ea. 1 ½" Acme 150

**Pump / Engine**

Triplex pump.....: CS&P Cryogenics ICPE-200  
Boost pump.....: CS&P Cryogenics 1,5 x 2, 5 x 6  
Cold-ends.....: CS&P 1,625" – 1,25"  
Vaporizer.....: CS&P Pot Vaporizer 180K SCFH 15000 PSI  
Motor.....: Caterpillar C-18 ATEX Petroleum, 714 BHP@2100RPM  
Filter LIN suction side.....: 1 ½" – 100 mesh washable strainer  
Signal to platform at.....: Fire alert, Gas alert, fault at gas/fire detector  
Air/Diesel shut down at.....: - Overspeed of motor  
- High exhaust temperature  
- High coolant temperature  
- Low oil pressure in motor  
- Low air pressure  
- Fire alert  
- Gas alert  
- Emergency stop  
- Emergency stop from control room  
- Low lubricate oil pressure pump

**Power supply**

Fuse (qty).....: 1            Fuse (A).....: 16  
El.Power1.....: 110-230 V 1 phase(Hz).....: 45/60            (kW).....:            (A).....:

(Utility)

**Flow / Pressure / Volume**

Diesel Tank Volume (ltr).....: 500  
Diesel consumption (ltr/hr).....: 140

***Additional information***

- Equipment / Functions.....: - SafeGuard™ Novec 1230 fire extinguisher system,  
- Fire extinguisher 12kg.  
- OPS connections.  
- The unit is certified by Notified Body (DNV ) to drive without flame traps in the exhaust in dangerous areas (Zone 2).