



NITROGEN PUMP

Dimensions

Length(mm).....	5490	Width(mm).....	2445	Height(mm).....	2970
Weight (kg).....	14500				
Lifting/ Transportation.....	18' Container with forklift channels and liftings				
Certificate(s) / Serial No:.....	NP-49 / DNV 176497				

Construction year

Built.....: 2016

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
 P-max (bar).....: 690

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"
 Vaporizer.....: CS&P Pot Vaporizer 180K SCFH 10000 PSI
 Motor.....: Caterpillar C-15 ATEX Petroleum, 540BHP@2000RPM
 Motor (serial no.).....: HAZ00871
 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).....:

Flow / Pressure / Volume

Diesel Tank Volume (ltr).....: 500
 Diesel consumption (ltr/hr).....: 120

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).