



NITROGEN PUMP

Dimensions

Length(mm).....	5500	Width(mm).....	2440	Height(mm).....	3000
Weight (kg).....	14300				
Lifting/ Transportation.....	18' Container with forklift channels and lifting slings. DNV 2.7-1.				
Certificate(s) / Serial No:.....	NP-58				

Construction year

Built.....: 2022

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
Triplex pump Serial no.....: 1154
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-15 ATEX Petroleum, 536BHP@2000RPM
Motor (serial no.).....: HAZ00981
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).....: 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).