

NP-360

CE-marked nitrogen pumping unit



OHS' globally recognised CE-Marked 360K nitrogen pump is designed and manufactured to ensure minimal maintenance and repair for operation in areas of the world where electronic support is not readily available.

Our modular build process allows for straightforward future upgrades to retain value in equipment by meeting changing operational needs and technological advancements to improve sustainability.

Capable of pumping and vaporising 360,000 SCFH at 50°F and pressures up to 5,000 psi at maximum flow rate.

NP-360 - CE-marked nitrogen pumping unit

Design features

- **Area classification:** ATEX Zone II, CE-Marked
- **Design:** DNV 2.7-1 offshore certified skid
- **Maximum flow rate:** 360,000 SCFH
- **Maximum working pressure:** 10,000 psi
- **Maximum flow rate temperature:** 50°F
- **GN₂ discharge temperature:** 10°C @ 6,000 SCFM pump discharge rate

Safety features

- Engine overspeed
- High exhaust gas temperature
- High engine coolant temperature
- Low engine lube oil pressure
- Low hydraulic oil level
- Ever clear pyroban exhaust system
- Spark arrestor silencer
- Emergency stop button

Applications

- Purging
- Well fracturing
- Nitrified fluid injection
- Coiled tubing applications
- Well bore cleanouts
- Nitrified fluids
- Nitrogen perforation
- Pipeline and process applications

Technical specifications

Engine specification

- **Make/model:** Caterpillar C18
- **Rated power:** 803BHP @ 2,100 RPM
- **Diesel tank capacity:** 560L
- **Starting method:** Air start

Pump specification

- **Make/model:** CS&P ICPE 200
- **Max input pressure:** 240 HP
- **Cold end:** 1.625"
- **Maximum working pressure:** 10,000 psi
- **Maximum flow:** 6,000 SCFM

Unit dimension & weight

	Power pack	Pump skid
Length (mm)	4,850	5,000
Width (mm)	2,455	2,455
Height (mm)	2,691	2,691
Weight (kg)	15,000	15,000

Services

Our cryogenic service centre supports all repairs, service exchanges and spare parts and we are experienced providing pre-inspection testing, repairs, recertifications, upgrades, and full overhauls for all nitrogen pumping equipment:

- Parts
- Repair
- Recertify
- Upgrade
- Refurbish



Contacts

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