

High Pressure Nitrogen Pumps

Powerful, Reliable and Engineered for Excellence

Archer's 90K/180K LN2 Nitrogen Pumping Skid set standards in efficiency and performance. This self-contained units can pump and vaporize up to 90,000 SCFH / 180,000 SCFH of nitrogen at 60°F and pressures up to 10,000 psi. Designed for durability and reliability, it incorporates advanced hydraulic and coolant systems, ensuring peak performance in demanding environments. Our Nitrogen skids are housed in a certified steel skid with an acoustic enclosure for safe and quiet operations. With its intelligent control panel, the unit ensures ease of use, making it an ideal selection for the North Sea environment.

Features & Benefits

- The units can vaporise 180,000 scf/hr or 90,000 scf/hr of LN2 at 60°F and have a SWP of 10,000 psi
- All units are fitted with PRVs and overpressure shut down systems
- Robust Hydraulic System: Denison piston pumps and Volvo motors for precise operations.
- Advanced Coolant System: Thermoreg thermostatic bypass valve for optimized temperature control.
- Integrated Safety Mechanisms: Pyroban exhaust coolers and Zone II compliance.
- Soundproofed units
- All units come complete with industry standard safety features including 3GP system and DNV 2.7-1 lifting frames
- User-Friendly Design: Stainless steel control panel and accessible maintenance points

Typical Applications

- Well Cleanout
- Nitrogen Lift
- Fluid Displacement
- Stimulation

