



## Key Features

- Skid-mounted liquid nitrogen pumping and vaporising system
- Designed and constructed for operation both onshore and offshore
- Forklift pockets for yard handling
- Hazardous area engine protection package including: exhaust gas manifold cooler, air inlet flame trap, shut-down valve and exhaust spark arrestor.
- Tempering line around nitrogen vaporiser to control the gaseous nitrogen discharge temperature



# OFFSHORE N2 PUMP

## 180K Nitrogen Converter Zone II

### Specification

**Weight:**

9,000 kg (MGM)

**Dimensions:**

4050mm (L) x 2250mm (W) x 2650mm (H)

**Maximum Working Pressure:**

10,000 psi / 690 bar

**Maximum Flow Rate:**

180,000 scf/hr / 4700Nm<sup>3</sup>/hr

**Hydrostatic Test Pressure:**

15,000 psi / 1035 bar

**Design Maximum Flow Rate Temperature:**

20°C / 68°F

**Maximum Simultaneous Flow & Pressure:**

180,000 scf/hr / 4700Nm<sup>3</sup>/hr @ 10,000 psi / 690 bar

**Design Ambient Temperature:**

-29°C to +49°C / -20°F to +120°F

**Fuel Capacity:**

150 Gal (568 Liters)

**Lifting Set:**

Slings and shackles conforming to DNV 2.7-1, EN 113414-1 & EN ISO 10855-2 supplied as standard

**Approvals:**

DNV 2.7-1:2017, EN 12079-1:2006, Zone II Hazardous Area, II 3G IIA T3

