

## Specification Sheet – 180K Nitrogen Converter Pump Set Skid



### SPECIFICATIONS

MAXIMUM WORKING PRESSURE	10,000 PSI/ 690 bar
MAXIMUM FLOW RATE	180,000 SCFH/ 4700 Nm <sup>3</sup> /hr of Nitrogen (gas) @ 20 degC/ 70 degF
HYDROSTATIC TEST PRESSURE	15,000 PSI/ 1035 bar
LN2 PUMP	3-GUPD Series; 32 GPM @ 900 rpm
LN2 PUMP SIZE	1.625" bore x 1.5" stroke
SOUNDPROOFING	92 dBA @ 1 meter
CENTRIFUGAL BOOST PUMP	1-1/2" x 2-1/2" x 6"
RELIEF VALVE	Set at 11000 PSI/ 759 bar
FUEL CAPACITY	562.5 litres/ 150 US Gallons
DIESEL ENGINE	Detroit Diesel Series 92, V8 configuration; Engine is suitable for Zone 2 IIA T3 hazardous area operation.
INSTRUMENTATION AND CONTROLS	All the instrumentation and controls required to operate and monitor the unit are located in a stainless steel control panel and wherever possible stainless steel components have been used.
PIPING	SS 316 or 304
TARE WEIGHT	3,500 Kg.
PAY LOAD	9,500 Kg.
GROSS WEIGHT	13,000 Kg.
DIMENSIONS	L 4870mm/192" x W 2438mm/96" x H 2450mm/109". 4 point lift frame designed in accordance to DNV 2.7-1/ EN 120079.
CERTIFICATION	DNV/LLOYDS