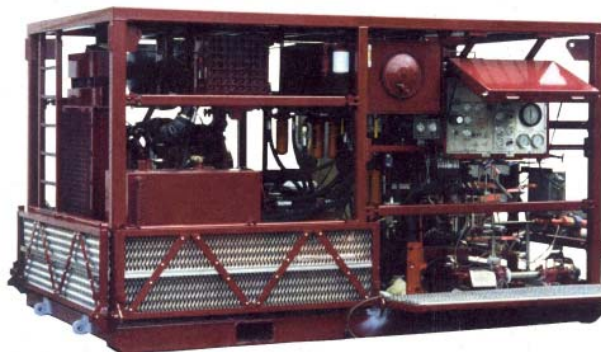


NITROGEN PUMPER (90,000 SCFH)

The unit is a non-fired nitrogen pumper capable of pumping up to 90,000 SCFH of gaseous nitrogen with pressures up to 10,000 psi and at a discharge temperature of 70°F. The liquid nitrogen is taken from a separate N₂ tank (Cryenco design) by a centrifugal boost pump to a high-pressure LN₂ triplex pump. High pressure liquid nitrogen then passes through the unique non-fired vaporisation system to convert the high-pressure liquid nitrogen to high pressure gaseous nitrogen.



NITROGEN PUMP

Specifications

Model	:	NS – 91 – NF
Ambient temperature	:	45°C (114°F)
Maximum pumping rate	:	90,000scfh of nitrogen
Discharge temperature	:	15.6°C (60°F)
Physical Characteristics		
Length	:	16'0" (4.88m)
Width	:	8'0" (2.44m)
Height	:	8'0" (2.49m)
Weight	:	20,000lb (9072 kg)
General Specifications		
Model	:	6v – 92 TA
Type	:	9.05L, 63.50VEE, 2 cycle, turbocharger
Number of cylinder	:	6
Output	:	360bhp (269 Kw) @2100rpm
Torque	:	1090Lb-ft (1478Nm) @1200rpm
Operating Range		
Engine rpm	:	60 – 2250 rpm
Engine oil pressure	:	49 – 70 psi
Coolant temperature	:	177°F – 197°F
Hydraulic fluid temperature	:	75°F – 90°F