



SERVAgrouP® PNTLR-211B Nitrogen Truck

Performance Specs

Maximum unit design working pressure 10,000 psi
 Maximum pump working pressure 64 mm cold end – 11000 psi
 Maximum pump flow rating @ 900 rpm 2 1/2" cold end – 12,000 scfm
 Maximum vaporizer flow capabilities 14,060 scf/m

MAJOR COMPONENTS

Trailer.....44 ft
 Engines.....CAT C18 at 800 hp
 Series 3056 at 150 hp

TRIPLEX PUMP

ACD SLS
 2.25 inch stroke
 Maximum 58,000 lbs. rod load
 External lube pump – 15 to 18 gpm @ approx. 80 psi

Maximum input horsepower – 800
 Maximum continuous input 900 rpm
 Minimum pump speed – 60 rpm

64 mm cold ends

BOOST PUMP

ACD 2" x 3" x 6.7" centrifugal (or equivalent)
 Hydraulically driven
 2" (50.8 mm) discharge line from the boost pump to the suction manifold on the triplex

VAPORIZER

Direct fired vaporizer
 Diesel fired c/w propane pilot
 880,000 scf/h
 Hydraulically driven fan

MAIN ENGINE

CAT
 Series C 18
 Approx. 800 hp @ 2100 rpm
 Electric start

AUXILIARY ENGINE

CAT
 Series 3056
 Approx. 150 hp @ 2400 rpm
 Electric start

The auxiliary engine would have a Funk drive box, double output, mounted on the bell housing. This Funk box would drive two (2) Rexroth hydraulic pumps for driving the vaporizer fan and boost pump. A Barnes fuel pump would also be installed to provide diesel fuel to the 720DF vaporizer

AUX. ENGINE DRIVE BOX

Funk
 Hydraulic pumps to drive the vaporizer, boost pump and a lube oil pump will be driven by the aux. engine

STORAGE TANK

Cryogenic manufactured tank
 3,000 US gallon gross capacity
 2,850 US gallon net capacity
 46 psi / 317 kpa mawp