



**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