



Closed Loop NatGas Injection Package



Specifications

Trailer:	Overbilt or Great Dane 50' x 102" drop-deck trailer with hydraulic leveling legs, total weight is approximately 75,000#
Booster #1:	Ariel two-stage, double acting, air-cooled, high pressure reciprocating booster, inlet capacity of up to 1,500 SCFM at 500 PSIG
Booster #1 Engine:	Caterpillar C-11: 6-cylinder, 4-cycle, 18-liter, EPA Tier III electronically controlled diesel engine rated at 350HP at 1,800 RPM, equipped with a spark arresting muffler
Booster #2:	Ariel two-stage, double acting, air-cooled, high pressure reciprocating booster, inlet capacity of up to 1,500 SCFM at 2,500 PSIG
Booster #2 Engine:	Caterpillar C-11: 6-cylinder, 4-cycle, 11-liter, EPA Tier III electronically controlled diesel engine rated at 350HP at 1,800 RPM, equipped with a spark arresting muffler
Cooling System:	Designed to provide engines with adequate cooling up to 115° F ambient temperature
Mist Pump:	Kerr 3300 triplex pump, 3" stroke, 1¾" plungers, up to 50GPM at 2,500PSIG
Mist Pump Engine:	Caterpillar C-4.4: 4-cylinder, 4-cycle, 4.4-liter, EPA Tier III electronically controlled diesel engine rate at 127HP at 2,200RPM, equipped with a spark arresting muffler
Closed Loop Filtration:	Level 1: Trash Collector rated at 3,000 PSIG @ 120° F and 2.5 MMCFD Level 2: Sand Separator rated at 3,000 PSIG @ 120° F, 200 bbl/hr fluid removal, and 2.5 MMCFD Level 3: 2-Phase Separator rated at 1,000 PSIG @ 120° F, 200 bbl/hr fluid removal, and 2.5 MMCFD Level 4: Coalescing Gas Separator rated at 1,000 PSIG @ 120° F, 50 bbl/hr fluid removal, and 2.5 MMCFD
Transfer Pump:	Bowie or Roper Equivalent
Fuel Tank:	(1) 1,500 gallon, rectangular, closed-top fuel tank providing up to 24 hours of operation without the need to refuel
Manifold:	2" Schedule-80 manifold including 1" orifice, blow down vent lines, and bypass and discharge check valves



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