



AFU1350/2500

Experience
you can
count on.



Air Foam Unit Applications

- **Pipeline** – Pipeline services for drying, testing, maintenance and pigging
- **Stimulation** – Coal bed methane cavitation
- **Underbalanced Completions and Workovers** – Plug drilling, sand cleanout, fluid recovery, fishing and deepenings in lost circulation or pressure depleted reservoirs
- **Underbalanced Drilling** – Increased penetration rates while minimizing formation damage
- **Nitrogen** – Produces 900-1350 scfm of inert N2 gas @ 2500 psig when used with Omni's N2 unit (NPU1500)

- Great Dane 45' x 102" drop-deck trailer with hydraulic leveling legs, total weight is approximately 58,000 lbs
- Sullair two-stage rotary screw air compressor, oil-flooded, high pressure air end, providing up to 1,350 SCFM and 500 PSIG
- Caterpillar C-18: 6-cylinder, 4-cycle, 18-liter, EPA Tier III electronically controlled diesel compressor engine rated at 700HP at 1,800 RPM, equipped with a spark arresting muffler
Detroit Series 60: 6-cylinder, 4-cycle, 14-liter, EPA Tier II electronically controlled diesel engine rated at 665HP at 2,100 RPM, equipped with a spark arresting muffler
- Ariel two-stage, double acting, air-cooled, high pressure reciprocating booster, inlet capacity of up to 1,350 SCFM at 2,500 PSIG
- Caterpillar C-11: 6-cylinder, 4-cycle, 11-liter, EPA Tier III electronically controlled diesel booster engine rated at 350HP at 1,800 RPM, equipped with a spark arresting muffler
Detroit Series 50: 6-cylinder, 4-cycle, 8.5-liter, EPA Tier II electronically controlled diesel engine rated at 315HP at 1,800RPM, equipped with a spark arresting muffler

- Cooling system designed to provide engines with adequate cooling up to 115° ambient temperature
- Kerr 3300 triplex mist pump, 3" stroke, 1¾" plungers, up to 50GPM at 2,500PSIG
- Caterpillar C-4.4: 4-cylinder, 4-cycle, 4.4-liter, EPA Tier III electronically controlled diesel mist pump engine rated at 127HP at 2,200RPM, equipped with a spark arresting muffler
Detroit D704: 4-cylinder, 4-cycle, EPA Tier II mechanically controlled diesel engine rated at 87HP at 2,200RPM, equipped with a spark arresting muffler
- Two Texsteam chemical injection pumps for precise control of corrosion inhibitor, foamer, or chemical mixes
- Two 17 barrel, water tanks with valve configuration for 17 barrel or 34 barrel operation
- One 1,500 gallon, closed-top fuel tank providing up to 24 hours of operation without the need to refuel
- 2" Schedule-80 manifold with 1" orifice with blow down vent lines, bypass and discharge check valves