



ACEC 1525/2000 Trailer Mounted Air Foam Unit



Specifications

Trailer:	Lufkin or Great Dane 45' x 102" drop-deck trailer with hydraulic leveling legs, total weight is approximately 59,000#
Air Compressor:	Sullair two-stage rotary screw, oil-flooded, high pressure air end, providing up to 1,525 SCFM and 350 PSIG
Air Compressor Engine:	Caterpillar C-18: 6-cylinder, 4-cycle, 18-liter, EPA Tier III electronically controlled diesel 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
Air Booster:	Ariel two-stage, double acting, air-cooled, high pressure reciprocating booster, inlet capacity of up to 1,525 SCFM at 2,000 PSIG
Air Booster 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 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 122°F [50°C] ambient temperature
Mist Pump:	Kerr 3300 triplex pump, 3" stroke, 1¾" plungers, up to 44GPM 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 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
Chemical Injection Pump:	(2) Texsteam chemical injection pumps for precise control of corrosion inhibitor, foamer, or special chemical mixes
Water Tank:	(2) 17 barrel, rectangular, open-top tank, valve configuration for 17 barrel or 34 barrel operation
Fuel Tank:	(1) 1,500 gallon rectangular, closed-top fuel tank providing up to 24 hours of operation without the need to refuel. Fuel system includes main tank fuel filter, in addition to, individual engine filters.
Manifold:	2" XXH Schedule-160 manifold with 1" orifice integrated into blowdown vent lines. Piping also includes a bypass line and multiple integrated check valves between air, fluid, and chemical injection lines.



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