



Enviro-Equipment Inc.
10120 Industrial Drive
Pineville NC 28134

Stock#: EEI-1298

Dimensions: 7x18' Trailer (plus 4' tongue), 10,000lb GVWR

Description: Air Sparge and Soil Vapor Extraction Trailer

*****SVE EQUIPMENT*****

- Gast R6P355R-50 Regenerative Blower with 6HP 3PH 208-230/460V XP Motor
 - o 85" WC Max Vacuum, 260 SCFM Max Flow
- Kunkle 215V 2" Vacuum Relief Valve
- Solberg CT-235P-300 Vacuum Air Filter, 3" NPT
- Solberg FS-31P-200 Dilution Air Filter Silencer with Brass Gate Valve
- AWS80-3 Air Water Separator Tank with LL, HL, HLA Float Switch
- Goulds NPE Series 1ST1E7D3 Transfer Pump with 1 HP 3PH TEFC 208-230/460V 3450RPM Motor, 0-30 PSIG Pressure Gauge, Discharge Point Through Wall
- Dwyer LPG4-D7722N 0-100" WC Vacuum Gauges
- Dwyer 1950-20-2F Low Vacuum Alarm Switch
- 3" GAC Bypass Loop with ball valves for future addition of carbon tanks in vacuum line
- 3" Galvanized Steel Exhaust Line with Silencer, Temperature Gauge, Dwyer DS-300-3 Flow Sensor with Magnehelic Gauge for Calculating Air Flow, Exhaust Rain Cap
- 3" SCH 80 PVC Manifold Header with 6x Zones
- 9x 2" SCH 80 PVC Manifold Zones each with:
 - o Brass Gate Valve
 - o Dwyer LPG4-D7722N 0-100" WC Vacuum Gauges
 - o Dwyer DS-300-2 Flow Sensor (For Calculating Air Flow)
 - o Dwyer Magnehelic Gauge (For Calculating Air Flow)

*****AIR SPARGE EQUIPMENT*****

- Rietschle DLR 150 Rotary Claw Air Compressor with 15HP 3PH TEFC Motor
 - o 100 CFM Max Flow, 29 PSIG Max Pressure
- AIHTI ACA-3242-3 Air to Air Heat Exchanger ducted to exterior with louvers
- 0-30 PSIG Gauges, 0-300F Temperature Gauges, Pressure Relief Valve
- 1" Blow Off Line with Brass Gate Valve and Muffler
- United Electric High Pressure and High Temperature Safety Switches
- 1.5" Galvanized Steel Manifold Header with 15 Zones
- 15x 1" Manifold Zones Each With:
 - o 0-30 PSIG Pressure Gauge
 - o 1" Brass Gate Valve
 - o Dwyer 1" Rotameter 1-13 CFM Range

*****CONTROL PANEL*****

- Nema 4 Control Enclosure with Controls on Inner Swing Door
- Air Sparge Motor, SVE Motor, Transfer Pump Motor and Heat Exchanger Motor Each Have:
 - o Hour Meter
 - o Illuminated Hand/Off/Auto Switch
 - o Contactor/Overload/Circuit Breaker
- Control Alarms with Red Alarm Lights for:
 - o Air Sparge High Temperature (Shuts down Air Sparge Compressor)
 - o Air Sparge High Pressure (Shuts Down Air Sparge Compressor)
 - o SVE Low Vacuum (Interlock To Shut Down Air Sparge Compressor)



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- AWS Tank High Level (Shuts down SVE Blower)
- Intrinsically Safe Relays for AWS Tank Level Floats to Operate Transfer Pump in Automatic Mode and High Level Alarm Float to Shut down SVE Blower
- Sensaphone Cell 682 Cellular Telemetry Unit for Remote Alarm Notifications

*****SYSTEM TRAILER*****

- Homesteader "Challenger" Enclosed Cargo Trailer
 - 8' wide x 18' long x 7" Height Interior Dimensions
 - 4' Tongue, 2-5/16" Ball Hitch
 - 5200lb tandem axles
 - 3/4" Plywood Floor, 3/8" Plywood Walls
 - 32" Side Access Door
 - 12" Explosion Proof Exhaust Fan with Thermostat
 - 3600 Watt Explosion Proof Heater with Thermostat
 - 2x Explosion Proof Light Fixtures with XP Light Switch
 - Interior Wiring Class 1 Div 2 Group D





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