



Soil Vapor Extraction and Air Sparge System (3 Regenerative SVE Blowers & 1 Rotary Vane AS Blower) Unit# 104

Environmental Treatment Specialists



General Specifications: 1200 CFM @ 20" H₂O SVE
250 CFM @ 20 PSI Air Sparge

Trailer: 8 ft wide x 24 ft long x 6 ft height

Main Equipment: 3-10 Hp 858 Ametek regenerative blowers
200 gallon knock out tank w/clean out port
Gravity drain knock out tank
1-20 Hp DTLF Becker rotary vane air sparge blower
Flow Captors flow meter (SVE and Air Sparge)
6 well SVE manifold including flow meters and valves
5 well air sparge manifold including flow meters valves
Vacuum & pressure gauges, sample ports

Trailer Specifications: XP Lights, heater and fan in equipment room
Components in equipment room wired for XP conditions

Control Panel: HAO switch – all components
Emergency stop button
Fault lights and reset
EOS ProControl PLC w/datalogging and remote operation capabilities

Inlet Hose Connection: 6 - 4" well manifold including site glass, flow meter, vacuum gauge, flow control valve
5 - 2" well manifold including pressure gauge and flow control valve

Outlet Hose Connection: 8" air stack for blower exhaust (10 Ft. ht)
Vapors can be plumbed for off-gas treatment
1" male camlock water discharge

Power Requirements: 230 Volt, 3 phase, 200 Amp services
(Main fused disconnect located outside trailer)

ProAct Services Corporation

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