



Soil Vapor Extraction System With Air Sparge/Water Treatment Unit# 276

Environmental Treatment Specialists



ProAct Services Corporation

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General Specifications: 140 CFM @22Hg max (DPE)
38 CFM @ 22 PSI max (sparge)
5 GPM water treatment

Trailer: 8ft wide x 20 ft long x 8 ft height
5,000 pound double axle trailer

Main Equipment: 10 HP Becker Rotary Vane Vacuum Pump w/variable frequency drive (DPE)
7.5 HP Becker oil less Vacuum Pump (sparge)
120 gallon knock out tank w/clean out port
5 GPM XP 1 Hp Moyno pump
2 8PC Rosedale Bag Filters
2-180 pound granular activated carbon adsorbers
Blancett Flow Meter
Vent captor air flow meters
Vacuum & Pressure gauges, sample ports and transmitters

Trailer Specifications: XP Lights, heater and fan in equipment room
Components in equipment room wired for XP
Outside light
Control room contains Air Sparge blower and control panel

Control Panel: EOS PLC with data logging and remote Operation
HAO switch – all components
Emergency stop button and reset button
Fault lights
GFI

Inlet Hose Connection: 6- well DPE manifold 2" male camlock connections including site glass, flow meter, vacuum gauge, flow control valve

Outlet Hose Connection: 3" air stack for DPE vapor exhaust
Vapors can be plumbed for off-gas treatment
1" male camlock water discharge
4- leg air sparge manifold with 1" camlock connections including flow meter, flow control valve and pressure gauge

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

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