



Soil Vapour Extraction Unit SVE-400

The SVE-400 is a versatile stand-alone Soil Vapour Extraction System complete with integrated variable speed drive, vertical oriented knock-out pot and carbon scrub. It has been designed to test and treat hydrocarbon impacted soils.

The SVE-400 is designed to operate completely independently, however it can be configured to accept enable/disable interlock signals from other stand alone equipment such as an electrically heated catalytic oxidizer.



This model can be converted for use as a Multi Phase Vacuum Extraction (MPVE) unit.

Base System Components

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| Vertical Galvanized Steel Knock-Out Pot: | Integrated Variable Speed Drive |
| Control Panel with Emergency Stop: | Manual Condensate Pneumatic Pump |
| High Flow Particulate Filter: | Carbon Scrub System |
| Stand Alone Air Compressor: | Containerized System |
| Hour Run Meter: | Dilution and Carbon By-Pass Valve |
| Vacuum Break Valve: | Gauges, Test & Sample Points |
| Collapsible Manifold & Exhaust Stack : | Optional Instrumentation Rental Pack |

Turning liabilities into assets

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Specifications

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|---------------------------------|-----------------------------------|
| Nominal Air Flow Capacity: | 250 SCFM (425 m ³ /hr) |
| Minimum Air Flow: | 30 SCFM (50 m ³ /hr) |
| Inlet Connections: | (3x50mm) or (2x50mm+1x100mm) |
| Maximum Stack Height: | 15'(4.5m) Above Ground) |
| Stack Diameter: | 4" (100mm) |
| Maximum Hydrocarbon Throughput: | 25% of LEL |
| Oxidizer Process Blower: | 18.5kW |
| Noise Level (Closed): | <85 dBA at 10'(3m) |
| Power Requirements: | 415V AC 3Phase N+E 63Amp |
| System Weight: | 4,625 lb (2.1 tonne) |
| System Dimensions: | 10' (3m) Shipping Container |



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