



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

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

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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