



SPECIALTY ENVIRONMENTAL CHEMICALS AND EQUIPMENT

ELIMINATOR 500-1KR Vacuum Truck Scrubber System

DESCRIPTION

The Eliminator 500-1KR is a stand-alone portable vacuum truck scrubber system. This unit satisfies the requirement by TQEC for MSS compliance in facilities that use vacuum trucks to transfer chemicals and wastes. This unit incorporates an ultra-high efficient 'forced induction' scrubber followed by twin 1000 pound carbon vessels. The scrubber alone can achieve 98% removal of VOC's and hydrocarbons by itself. The scrubber is then followed by twin carbon vessels which give the system a 99.999%+ removal efficiency rating for hydrocarbons and other compounds. Scrubber and carbon beds have temperature gauges and pressure relief valves for safety. In addition, the unit comes with flame arrestor and vapor inlet check valve.

SPECIAL FEATURES

- 99.999% Removal for VOC's and Benzene
- Unit fulfills requirement for MSS regulation in Texas (TCEQ).
- Trailer mounted for easy mobility.
- Requires no utilities.
- Temperature gauges on all equipment for safety.
- Unit comes standard with flame arrestor, PRV and inlet check valve.
- Ultra-High removal efficiency possible in scrubber alone using Vapor Tech's BIO-SCRUB X chemical absorption media.
- Note: We do not recommend using diesel fuel as a scrubbing agent in the scrubber.

ELIMINATOR 500-1KR SERIES SPECIFICATIONS

Maximum Air ow Rate (Throughput)	500 CFM
Scrubber Type	Forced-Induction Scrubber
Min/Max Scrubber Chemical Volume	275/400 Gallons (Recommend BIO-SCRUB X)
# of Carbon Adsorbers	2 (in series)
Carbon Capacity (each carbon vessel)	1000 pounds
Vapor Inlet Size and Type	3" Camlock (Female)
Temperature Gauges on all Equipment?	Yes
Gas Sample Ports on All Equipment?	Yes
Utilities Required?	No
Trailer Dimensions	8' x 20'L (with jacks on all corners)
Standard Installed Items	Flame Arrestor, PRV's & Vapor Inlet Check Valve

Estimated Pressure Drop Across Unit @ 350 CFM 35-40" of H2O

