



ELASTEC
PACS 360 ATEX
Trailer Mounted Vacuum System



Oil Spill Equipment | Floating Barriers | Incinerators



The Elastec PACS unit (Portable Air Conveyance) is a powerful vacuum system that is ideal for a wide variety of purposes such as oil spill cleanup, drain clearance, industrial cleaning, tank cleaning etc. For oil spill work, it is capable of picking up viscous oil and debris. With the addition of a skimmer it can recover oils from the surface of water. It is also very effective for oiled beach cleaning operations.

This model of PACS is fitted with a number of features to provide a higher level of protection when operating potentially in the presence of flammable vapors*:

- ATEX certified vacuum pump, 360 cfm capacity, injection cooled vane type with heat resistant Kevlar vanes and automatic lubrication.
- 20 inch mercury / 677 mbar max vacuum (18 inch / 609 mbar continuous).
- Vacuum pump high temperature alarm.
- Vacuum pump fitted with changeover valve to pressurize tank (max 15 psi / 1 bar).
- 25 hp / 18kW diesel with spark arrestor & over-speed protection.
- Grounding wire with spool.
- Petroleum rated vacuum hoses with integral static wire.
- Suction wand manufactured in spark resistant aluminum.



Other features:

- Designed for removing liquids, solids & sludge.
- Trailer mounted unit, DOT approved for highway towing.
- Trailer lights
- Reflectors
- Safety chains & hooks
- Less costly, more portable than vacuum trucks.
- Easy operation (user friendly controls located in easy-access locations) & low maintenance.
- Auxiliary hydraulic power.
- Fits in standard high cube shipping container for transport.
- More maneuverable than vacuum trucks.
- High air flow helps convey liquids & solids.
- Vacuum tank positioned over axles for balance.
- Heavy duty steel chassis.
- Tandem axle trailer with minimum rating of 16,000 lb. GVW (Gross Vehicle Weight).
- 5-leaf suspension spring.
- Low tongue weight. (ideal towing vehicle: Ford F350, Chevrolet 3500).
- 14 ply, load range 'G' tubeless tires rated at 4,400 lbs. each.
- Hydraulic surge brakes for highway or off-road towing – all 4 wheels.
- ¼" (6 mm) steel tank with 1,000 gallon (3.7 cubic meters).
- Solid welded full length fenders (10 gauge carbon steel).
- Work lights.
- Twin shut-off valves with cyclonic separator to protect vacuum pump.
- Hydraulic tilt to aid draining (tilts to 45 degrees). *
- Heavy-duty suction wand with assortment of hoses & couplers.
- Hitch with 8-inch adjustment.
- DOT approved safety chains and hooks.
- Stabilizer jacks for rear of trailer.
- Sand blasted and epoxy painted.
- 6 inch / 150mm discharge valve.
- Hoses (stationed on built-in rack).

Note: PACS is primarily for wet materials. * The PACS is not intrinsically safe.



The hydraulic system on this unit will operate Elastec hydraulic trash pumps or high pressure washer or an Elastec Drum Skimmer. The following accessories can be supplied as optional extra;

Elastec Drums skimmers will selectively recover floating oils. Skimmed oil is sucked from the back of the skimmer into the vacuum tank.



E150 Centrifugal Pump

For product transfer or submersible operations, the E150 will couple to tank discharge.



Pressure Washer system;

Hydraulically driven high pressure water pump complete with 50ft high pressure discharge hose and adjustable spray wand. Output volume 3.5 gpm (13.25 L/pm) @1200 psi (83 bar). Fed by 135 gallon heavy duty poly water tank mounted on top of the vacuum tank.



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