

ELASTEC PACS

Trailer Mounted Vacuum System



PACS 770



Oil Spill Equipment | Floating Barriers | Incinerators



PACS 920

PACS (Portable Air Conveyance System) is ideal for picking up viscous oil and debris on land or from water surfaces. It is also very effective for beach cleaning operations that require long suction hoses and large solids handling abilities. PACS is designed for removing liquids, solids, and sludge from land or water, it is suitable for use in remote areas and costs less than vacuum trucks.

- 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.
- Choice of vacuum pumps or blowers. (230 to 2,000 cfm). Air or water cooled.
- Engine options up to 118 hp.

Common Scenarios

- | | | |
|---------------------------------|----------------------|----------------|
| • Mines | • Hydro-excavation | • Airports |
| • Tank Cleaning (non-hazardous) | • Remediation | • Railroads |
| • Road Spills (ATEX unit) | • Oil Spill Response | • Animal Farms |
| • Power Stations | • General Cleaning | |
| • Loading bays | • Utility | |

Specifications

Model	230	286	339	332 (ATEX)	424	498	770	920	2000
Tank Capacity	1,200 gal 4,540 litres	800 gal 3,028 litres	1,000 gal / 3,785 litres						
Chassis	Trailer								
Vacuum Tank Elevate	N/A	Included							
Engine	20hp / 15kW Gas	24hp / 18kW Diesel	17hp / 13kW Diesel	25hp / 18kW Diesel	25hp / 18kW Diesel	34hp / 25kW Diesel	74hp / 55kW Diesel	118hp / 88kW Diesel	
Vacuum Pump Type	Air Cooled Vane	Air Cooled Vane	Air Cooled Blower	Air Cooled Vane**	Water Cooled Vane	Air Cooled Blower			
Airflow (pulling vacuum)	164 cfm @ 20 Hg	150 cfm @ 27 Hg	331 cfm @ 16 Hg	332 cfm @ 18 Hg	324 cfm @ 18 Hg	487 cfm @ 16 Hg	770 cfm @ 15 Hg	770 cfm @ 15 Hg	1450 cfm @ 16 Hg
Airflow (free air)	230 cfm	286 cfm	435 cfm	360 cfm	425 cfm	629 cfm	920 cfm	920 cfm	1,866 cfm
Vacuum Clutch	No	Yes							
Pressurize Tank Facility	Yes	No	Yes	No					
Rear Door	36 inch / 0.91m	25 inch / 0.63m	36 inch / 0.91m	36 inch / 0.91m*	36 inch / 0.91m	36 inch / 0.91m*	36 inch / 0.91m	36 inch / 0.91m	
High Pressure Water System	N/A		Optional						
E150 Transfer Pump Option	N/A		Optional						
Drum Skimmer Option	N/A		Optional						
Dry Particulate Filter Option	N/A					Standard			
ShovelHead Skimmer Option	Optional								

* 60 inch / 1.5 m door available

**ATEX Rated



PACS 2000

Weights and Dimensions

Model	Empty Weight	Gross Weight	Dimensions (LxWxH*)
PACS 230	5,180 lb 2,349 kg	16,000 lb 7,257 kg	210.5 x 86.5 x 98.6 inch 533 x 220 x 250 cm
PACS 286	4,960 lb 2,250 kg	12,000 lb 5,443 kg	207 x 80 x 99 inch 5.26 x 2.03 x 2.51 m
PACS 339	5,320 lb 2,413 kg	16,000 lb 7,257 kg	197 x 86.5 x 99.5 inch 500 x 220 x 253 cm
PACS 332 ATEX	N/A N/A	16,000 lb 7,257 kg	219 x 86.5 x 99.5 inch 556 x 220 x 253 cm
PACS 424 WC	5,930 lb 2,689 kg	16,000 lb 7,257 kg	219 x 86.5 x 99.5 inch 556 x 220 x 253 cm
PACS 498	5,840 lb 2,649 kg	16,000 lb 7,257 kg	197 x 86.5 x 99.5 inch 500 x 220 x 253 cm
PACS 770-36 with Final Filter	5,896 lb 2,674 kg	16,000 lb 7,257 kg	219 x 86.5 x 99.5 inch 556 x 220 x 253 cm
PACS 770-60 with Final Filter	5,896 lb 2,674 kg	16,000 lb 7,257 kg	206.5 x 86.5 x 99.5 inch 524 x 220 x 253 cm
PACS 920	9,400 lb 4,264 kg	20,000 lb 9,071 kg	261 x 91 x 118 inch 670 x 228 x 300 cm
PACS 2000	10,180 lb 4,617 kg	20,000 lb 9,071 kg	261 x 91 x 118 inch 670 x 228 x 300 cm



PACS 770

Available Options

Transfer Pumps

PACS units fitted with auxiliary hydraulic circuit are capable of running a transfer pumps. E150 centrifugal pump requires as a minimum the 25hp / 18kW engine. The ES400 Helical screw pump requires the 48 hp / 36kW diesel. These pumps can be used as submersibles for direct pumping.



Transfer Pumps

Oil Skimmers

PACS units fitted with auxiliary hydraulic circuit are capable of running an Elastec Drum Skimmer such as the TDS118 or TDS136. Skimmed oil is sucked into the debris tank. Alternatively we can supply a simple floating suction head (ShovelHead skimmer).

Rear Door

All models come with 36 inch rear door. *As an option, the 424 and 770 can be fitted with a fully opening 60 inch door.

Vacuum Pumps (blowers) and Engine Combinations

We offer a wide range of vacuum pumps (blowers) combined with different engines (diesel or gasoline.)

High Pressure Water Pump

This feature can be added to most PACS units. The high pressure cold water pump is driven hydraulically from the integral power unit. Water is supplied from a saddle tank mounted on top of the debris tank.

Dry Particulate Filter (PACS 770 Model Only)

Washable polyester filter media rated at 98% efficiency on 10 microns. Molded urethane end caps. Carbon steel core with two support straps. Epoxy coated aluminum back-up wire.

Water Injection Collar

An in-line camlock attachment featuring a water hose connection to introduce water at the vacuum inlet for dampening dry or dusty materials.



TDS118G Drum Skimmer



High Pressure Water Pump



Water Injection Collar

Features and Benefits

- Auxiliary hydraulic power
- Fits in standard high cube container (excluding 920 and 2000 models)
- More maneuverable than vacuum trucks
- High air flow conveys material through long hoses
- Vacuum tank positioned over axles for balance
- Heavy duty steel chassis
- 16,000 lb Gross Vehicle Weight tandem axle trailer (20,000 lb for 920 and 2000 models)
- 7-leaf suspension spring
- 27 gallon / 102 litre fuel tank
- Low tongue weight
- 14 ply, load range "G" tires rated at 4,400 lb
- 18 ply, load range "J" tires rated at 6,008 lb (920 & 2000 models)
- Hydraulic surge brakes - all four wheels
- 1/4 inch / 6 mm steel tank
- Work lights
- Solid welded full length fenders 10 gauge carbon steel
- Twin shut-off valves with cyclonic separator
- Hydraulic tank tilt (to 55°)
- Heavy-duty suction wand with assortment of hoses and couplers
- Hitch with 8-inch vertical adjustment
- Tongue extends 15 inches
- DOT approved safety chains and hooks
- Stabilizer jacks for rear of trailer
- Sand blasted and epoxy painted
- 6 inch / 150 mm discharge valve
- Hoses stationed on built-in rack



This information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty. Elastec holds the right to modify product specifications without notice.



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