

ELASTEC

PACS1000 Trailer Mounted Vacuum System





PACS1000

Trailer Mounted Vacuum System

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 abilities.

PACS 1000 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 770 cfm). Air or water cooled.
- Engine options up to 48 hp.



Features and Benefits

• Auxiliary hydraulic power	• Solid welded full length fenders
• Fits in standard high cube container	• 10 gauge carbon steel
• More maneuverable than vacuum trucks	• Work lights
• High air flow conveys material through long hoses	• Twin shut-off valves with cyclonic separator
• Vacuum tank positioned over axles for balance	• Hydraulic tank tilt (to 45°)
• Heavy duty steel chassis	• Heavy-duty suction wand with assortment of hoses and couplers
• 16,000 lb Gross Vehicle Weight tandem axle trailer	• Hitch with 8-inch adjustment
• 5-leaf suspension spring	• DOT approved safety chains and hooks
• Low tongue weight	• Stabilizer jacks for rear of trailer
• 12 ply, load range "F" tires rated at 4,045 lb each	• Sand blasted and epoxy painted
• Hydraulic surge brakes - all four wheels	• 6 inch / 150 mm discharge valve
	• Hoses stationed on built-in rack



Standard Configurations

Model	1200 SKID	1200-230	1000-339	1000-332 (ATEX)	1000-424	1000-498	1000-770
Tank Capacity	1,200 gal / 4,540 litres		1,000 gal / 3,785 litres				
Chassis	Skid	Trailer					
Vacuum Tank Elevate	N/A				Included		
Engine	25hp / 18kW Diesel	20hp / 15kW Gas	17hp / 13kW Diesel	25hp / 18kW Diesel*	25hp / 18kW Diesel		34hp / 25kW 48 hp / 35kW Diesel
Vacuum Pump Type	Air Cooled Blower	Air Cooled Vane	Air Cooled Blower	Air Cooled Vane (ATEX approved)	Water Cooled Vane	Air Cooled Blower	
Vacuum Pump Capacity	770 cfm 21,800 lpm	230 cfm 6,500 lpm	339 cfm 9,600 lpm	332 cfm 9,401 lpm	424 cfm 9,401 lpm	498 cfm 14,100 lpm	770 cfm 21,800 lpm
Max Vacuum	15 inch 500 mbar	27 inch 900 mbar (20 inch 670 mbar continuous)	15 inch 500 mba	27 inch 900 mbar (18 inch 600 mbar continuous)	27 inch 900 mbar (25 inch 840 mbar continuous)	15 inch 500 mbar	
Clutch (between engine and vacuum pump)	Yes	No	Yes				
Pressurize Tank Facility	No	Yes	No	Yes		No	
Rear Door	60 inch 1.5 m	36 inch 0.91 m					36 in/ 0.91m 60 in/ 1.52m
High Pressure Water Pump & Tank	Optional	N/A		Optional			
E150 Transfer Pump	Optional	N/A		Optional			
ES400 Transfer Pump	N/A						Optional requires 48hp engine
Drum Skimmer	Optional	N/A		Optional			
Vacuum Pump Dry Particulate Filter	Optional	N/A					Optional
ShovelHead Skimmer	Optional						

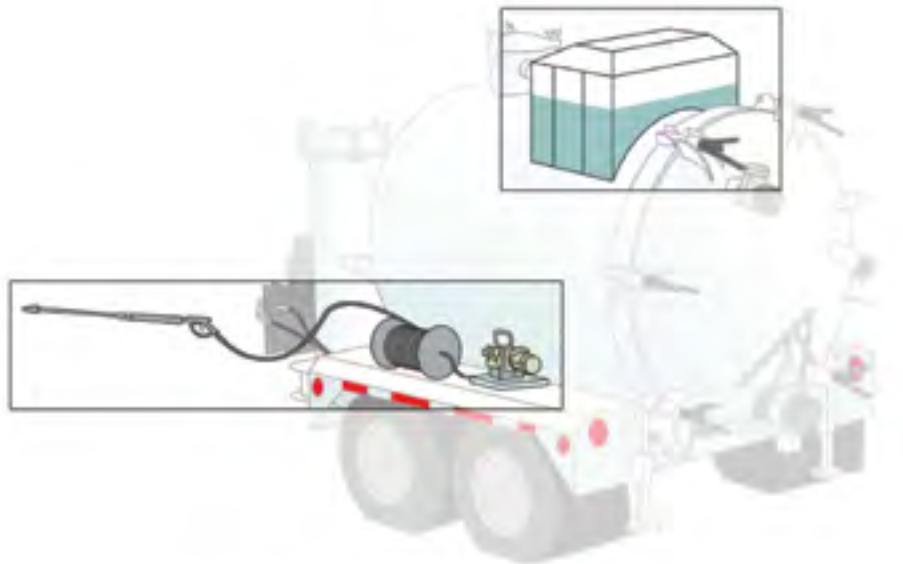
Available Options

Vacuum Pumps (blowers) and Engine Combinations

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

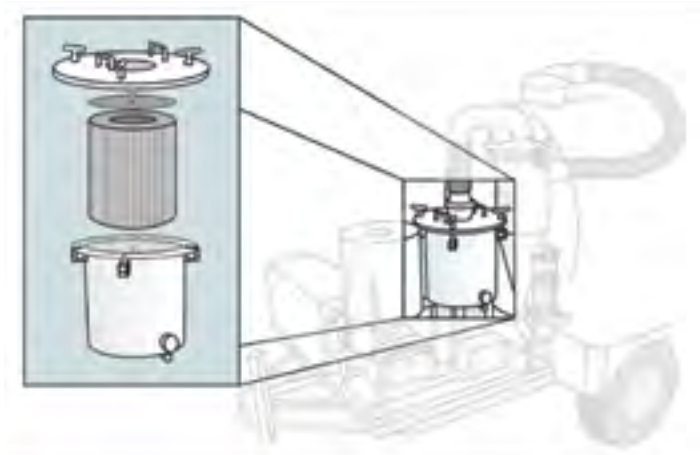
High Pressure Water Pump

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

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.



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.

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

The PACS unit can be configured with a 36 inch or fully opening rear door.



Common Scenarios

There are PACS1000 units around the world being used in many scenarios which include:

• 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	



Weight and Dimensions

Model	Empty Weight	Gross Weight	Dimensions (LxWxH*)
PACS1200 Skid	5,965 lb 2,705 kg	N/A N/A	193.5 x 84 x 79.4 inch 491 x 213 x 201 cm
PACS1200-230	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
PACS1000-339	5,320 lb 2,705 kg	16,000 lb 7,257 kg	197 x 86.5 x 99.5 inch 500 x 220 x 253 cm
PACS1000-332 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
PACS1000-424 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
PACS1000-498	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
PACS1000-770-34-60	5,780 lb 2,622 kg	16,000 lb 7,257 kg	206.5 x 86.5 x 99.5 inch 524 x 220 x 253 cm
PACS1000-770-34-36	5,780 lb 2,622 kg	16,000 lb 7,257 kg	219 x 86.5 x 99.5 inch 556 x 220 x 253 cm
PACS1000-770-3a4-36 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
PACS1200-770-34-60 without axles	N/A N/A	N/A N/A	193.4 x 86.5 x 85.5 inch 491 x 220 x 217 cm
PACS1000-770-45-36 with Final Filter	6,590 lb 2,989 kg	16,000 lb 7,257 kg	219 x 86.5 x 99.5 inch 556 x 220 x 253 cm
PACS1000-770-34-60 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
PACS1200-770-34-60 Skid with Final Filter	6,080 lb 2,758 kg	N/A N/A	193.5 x 84 x 79.4 inch 491 x 213 x 201 cm



Delivering Certainty

We're more than equipment suppliers. We're problem solvers.
And that's unique in the Australian market.

We can provide complete solutions for spills, workshop services
and products as well as workplace safety and hygiene.
Everything you need. One point of contact

www.spillpro.com.au

OUR LOCATIONS

SYDNEY

38 Ricketty St
Mascot
NSW 2020

P: [02 8999 8491](tel:0289998491)

NEWCASTLE

4 Channel Rd
Mayfield West
NSW 2304

P: [02 4957 2886](tel:0249572886)

MELBOURNE

40 Latitude Blvd
Thomastown
VIC 3074

P: [03 9999 9277](tel:0399999277)

BRISBANE

20/388 Newman Rd
Geebung
QLD 4034

P: [07 3177 3096](tel:0731773096)

PERTH

67 Howe St
Osborne Park
WA 6017

P: [08 6555 4083](tel:0865554083)

ADELAIDE

8 Greenhill Rd
Wayville
SA 5034

P: [08 7070 1768](tel:0870701768)

DARWIN

Level 16, 19 Smith St
Darwin
NT 0800

P: [08 7999 7822](tel:0879997822)