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PRIME³ Vacuum Assisted Suction Pump
Model PT6TPC-E75 Across-the-Line
Size 6" (150mm) High Head Trash Pump

Holland Pump Company
Corporate Office: 7312 Westport Place
West Palm Beach, FL 33413
USA
1-800-451-0769
www.hollandpump.com

PUMP SPECIFICATIONS

Type/Model: Solids handling/Cornell Redi-Prime High Head Pump

Volute: Fine gray cast iron

Flanges: 6" (150mm) suction, 6" (150mm) discharge

Impeller: 2 Vane enclosed impeller, stainless steel

Solids: Handles 3" (76mm) compressible, spherical solids

PRIME³ Priming System: Automatic priming system that features a 50 cfm (24 l/s) water tolerant, diaphragm vacuum pump driven by the main drive shaft. Our major competitors use a 15 cfm compressor pump with a small compressor venturi that can easily clog. The air/water separator is a simple, reliable stainless steel float that opens and closes a rubber plunger as water rises and falls. A non return valve isolates the pump during priming and protects against back flow

Discharge Valve: Val-matic or equal

Seal: Cornell patented Cycloseal® design with Run-Dry oil lubrication system. Single mechanical seal with Viton® Elastomers, stainless steel hardware and tungsten versus silicon-carbide seal faces for abrasion

Shaft Sleeve: Heat treated 416 stainless steel

Bearings: Heavy duty, grease lubricated, deep groove ball bearings, with a minimum of 50,000 hours bearing life

PT6TPC-E75			Shutoff Head: 53.6 meters		
Flow (m ³ /h)	Speed (RPM)	TDH (m)	Pump Efficiency (%)	Power (kW)	Max Suction Head (m)*
294	1760	32.6	77	34	4.2
245	1760	36	78	30.7	5.8
235**	1760	36.5	79	29.7	6
196	1760	39.6	77	27.6	7
147	1760	43.2	73	23.6	7
98	1760	46	64	18.7	7

ENGINE SPECIFICATIONS

Motor: Severe duty premium efficient 75 Hp 230/460 60 Hz 3 phase (or 50Hz as needed)

Control: Standard across the line Starter, soft start - optional VFD, variable voltage, NEMA 4X, Explosion proof

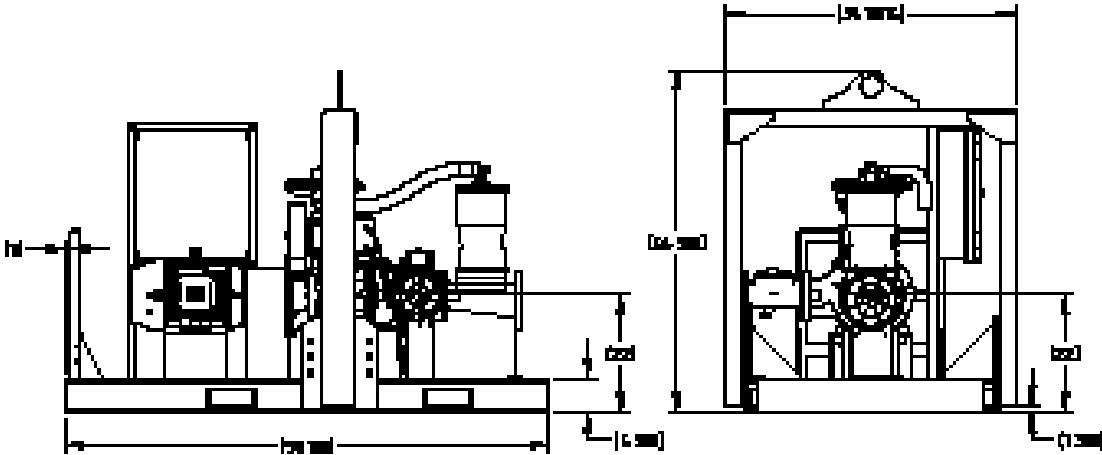


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Approximate Dimensions
Powered by 75 HP Electric Motor

	Skid Base	DOT Trailer
Net Weight (lbs)	3110	3510
Shipping Weight (lbs)	3300	N/A
Shipping Weight (kg)	1497	
Export Crate Size (cu. ft)	130	N/A



Performance Curve Model: PT6TPC-E75
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