



**PRIME<sup>3</sup> Vacuum Assisted Suction Pump**  
Model PT6TPA - P804D33 Super Silent  
Size 6" Trash Pump

Holland® Pump Company  
Corporate Office: 2610 Sidney Lanier Drive  
Brunswick, Georgia 31525  
Phone 912-466-0304  
1-888-997-PUMP  
www.hollandpump.com

**PUMP SPECIFICATIONS**

**Type/Model:** Solids handling/Cornell Redi Prime

**Volute:** Fine gray cast iron

**Flanges:** 6" suction, 6" discharge

**Impeller:** Enclosed - 2 vane

**Solids:** Handles 3" diameter compressible, spherical solids

**PRIME<sup>3</sup> Priming System:** Automatic dry priming and repriming system that features a 50 cfm 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 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

**Wear Rings:** Replaceable. (Double wear rings available)

**Seal:** Cornell's patented Cycloseal® design with Run-Dry oil lubrication system. John Crane T-2 single mechanical seal with Viton® elastomers, stainless steel hardware and tungsten- vs. silicon carbide seal faces for abrasion resistance

**Discharge Valve:** Val-matic or equal

**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

**SOUND ENCLOSURE SPECIFICATIONS**

**Sound Level:** Holland Pump Supersilent pump units are tested for Sound Level using the Contractors Pump Bureau Sound Level Measurement Standard for Pump Units using a calibrated Sound Level Meter. This procedure produces an average Sound Level based on eight measurements under strict conditions of pump placement. They are tested at full RPM pumping water. The sound Level result is 68 dBA or less @ 23 feet.

**Enclosure:** Steel construction, removable for ease of maintenance.

Stainless steel accessories including bolt on, lift off hinges.

**Base:** Environmentally safe spill containment type base

**Lifting Access:** External lifting bail, integral forklift pockets

**ENGINE SPECIFICATIONS**

**Model:** Perkins 800 Series 804D-33

**Type:** 4 Cylinder, 4 Stroke, Tier 3, Liquid Cooled Diesel Engine

**Displacement:** 3.3 L (201 cu.in.)

**Governor:** Mechanical

**Lubrication:** Forced Circulation

**Air Cleaner:** Dry Type with Replaceable Element

**Lube Oil Capacity:** 2.20 U.S. gal (8.3L)

**Coolant Capacity:** 4 U.S. gal (15.1L)

**Fuel Tank:** Integral 114 U.S. Gallon Capacity (#2 Diesel Fuel)

**Full Load Operating Time:** 60 Hours Minimum

**Starter:** 12 Volt

**Standard Features:** Skid, Standard Instrument Panel: Engine Temperature and Low Oil Pressure with optional Gauge, Key Start, and Hour Meter

**Optional Features:** Auto-Oiler with Engine Oil Shutdown, Site or DOT Highway Trailer, Auto-Start, HANS (Holland Automatic Notification System), Full Instrument Package

**Coupling:** Stromag coupling

PT6TPA-P804D330-SS			Shutoff Head: 143 feet		
Flow (GPM)	Speed (RPM)	TDH (ft)	Pump Efficiency (%)	Power (hp)	Max Suction Head (ft)*
1355	1900	57.7	59	33.6	20.3
1129	1900	77	71	30.8	18.2
903	1900	90.8	76	27.4	22
834**	1900	94.7	76	26.2	21.9
677	1900	103	74	23.6	21.3
452	1900	114	68	19.2	20.6

\*Max Suction Head is suction lift plus friction losses without risk of suction cavitation  
\*\*Best Efficiency Point

**Perkins Published Performance:** Power: 50 BHP Continuous @ 2000 RPM



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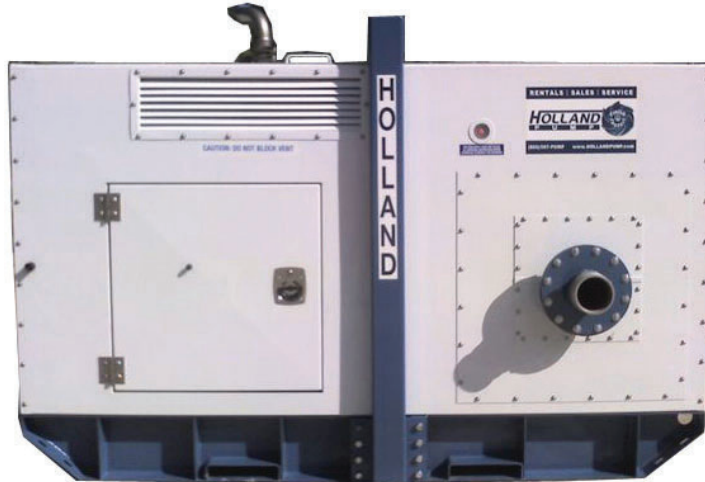
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Approximate Dimensions  
Powered by Perkins 804D-33 Diesel Engine

Approx. Net Weight (lbs)

Skid Base  
4500



Performance Curve Model: PT6TPA - P804D33 Super Silent  
Size: 6" Trash Pump

