

**PRIME<sup>3</sup> Vacuum Assisted Suction Pump**  
**Model PT8TPA-TD3.6L4-SS (SS-SuperSilent)**  
**Size 8" (200mm) 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 6NNT Redi-Prime

**Volute:** Cast iron ASTM A48 class 30

**Flanges:** 8" suction, 8" discharge

**Impeller:** Enclosed - 2 vane, 10.09" diameter

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

**PRIME<sup>3</sup> Priming System:** Automatic priming 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 for the PT8TPA is 67 dBA @ 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:** Deutz TD3.6L4, Tier 4 Final Or Approved Alternate

**Type:** 4 Cylinder, 4 Stroke, Turbocharge Aspirated, Liquid Cooled Diesel Engine,

**Displacement:** 3.6L (220 cu.in.)

**Governor:** Electronic

**Lubrication:** Forced Circulation

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

**Lube Oil Capacity:** 2.4 U.S. gal (9L)

**Coolant Capacity:** 3.4 U.S. gal (13L)

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

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

**Starter:** 12 Volt, 2.0 kW

**Standard Features:** SAE Flywheel Housing, SAE Clutch, SAE B Pump Adaptor, Controls Inc. C3M - Engine Temperature and Low Oil Pressure with optional Gauge, Fuel Level, Hour Meter, Flex Inputs

**Optional Features:** Stand-alone Trailer, Controls Inc. C3M-AS Auto Start/Stop panel with throttle control, Modbus output

**Coupling:** Reich coupling

**Deutz Published Performance:**  
Maximum Continuous Power: 74 BHP (55.4kW) @ 2400 RPM

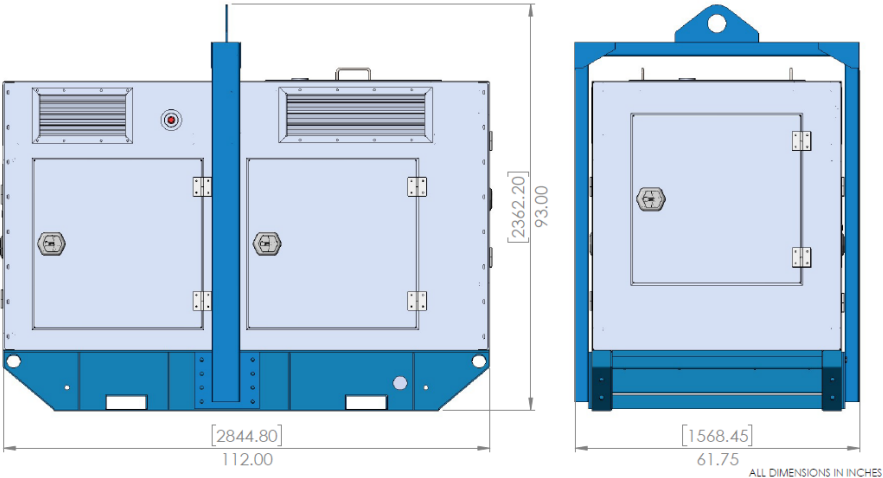
PT8TPA-TD3.6L4-SS			Shutoff Head: 150 feet		
Flow (GPM)	Speed (RPM)	TDH (ft)	Pump Efficiency (%)	Power (hp)	Max Suction Head (ft)*
2696	2100	55.7	66	57.5	9
2247	2100	74.1	77	54.3	13.6
1953**	2100	85.3	80	52.5	20.4
1798	2100	89.8	79	50.9	21.8
1348	2100	103	75	46.3	23
899	2100	115	63	41.1	23
*Max Suction Head is suction lift plus friction losses without risk of suction cavitation					
**Best Efficiency Point					

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Approximate Dimensions: 105 1/4" x 69 3/4" x 54"  
Powered by Deutz TD3.6L4 Diesel Engine

Approx. Net Weight (lbs)	8080
Approx. Net Weight (kg)	3665



Performance Curve Model:  
PT8TPA-TD3.6L4-SS  
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