

**PRIME<sup>3</sup>** Vacuum Assisted Suction Pump  
Model PT8TPC-TCD3.6L4-SS (SS-Super Silent)  
Size 6" 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:** Cast iron ASTM A48 class 30  
**Flanges:** 8" suction, 8" discharge  
**Impeller:** Enclosed - 2 vane  
**Solids:** Handles 3" diameter compressible, spherical solids  
**Priming System:** Cornell Redi-Prime 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 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 67 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

PT8TPC-TCD3.6L4-SS			Shutoff Head: 200 feet		
Flow (GPM)	Speed (RPM)	TDH (ft)	Pump Efficiency (%)	Power (hp)	Max Suction Head (ft)*
2411	1625	93	80	70.9	15.1
2412	1650	76.5	75	62.4	18.4
1930**	1650	99.7	82	59.1	22.7
1447	1650	120	81	54.4	25.5
965	1650	140	72	47.3	23.5

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

**ENGINE SPECIFICATIONS**

**Model:** Deutz TCD3.6L4, Tier 4 Final Or Approved Alternate  
**Type:** 4 Cylinder, 4 Stroke, Turbo Charged, Liquid Cooled Diesel Engine  
**Displacement:** 3.6 L (2220 cu.in.)  
**Governor:** Electronic  
**Lubrication:** Forced Circulation  
**Air Cleaner:** Dry Type with Replaceable Element  
**Lube Oil Capacity:** 2.9 U.S. gal (9L)  
**Coolant Capacity:** 3.4 U.S. gal (13L)  
**Fuel Tank:** Integral 127 U.S. Gallon Capacity (#2 Diesel Fuel)  
**Full Load Operating Time:** 30 Hours Minimum  
**Starter:** 12 Volt  
**Standard Features:** control panel - 3 Gauges: Oil Pressure, Engine Temperature, Hour meter plus lights for engine running, low oil pressure, high engine temperature, overcrank, and overspeed. Toggle switch start/stop.  
**Optional Features:** Site or DOT Highway Trailer, Automatic Remote Start and Stop, HANS (Holland Automatic Notification System), NEMA 4 Instrument Package Covering: Air Filter, Fuel Filter, Engine Temperature Level, Fuel Level, Engine Oil Pressure, Hour Meter, Amp Meter  
**Coupling:** Reich coupling  
**Deutz Published Performance:** Power: 115 BHP (85.8) Continuous @ 1800 RPM

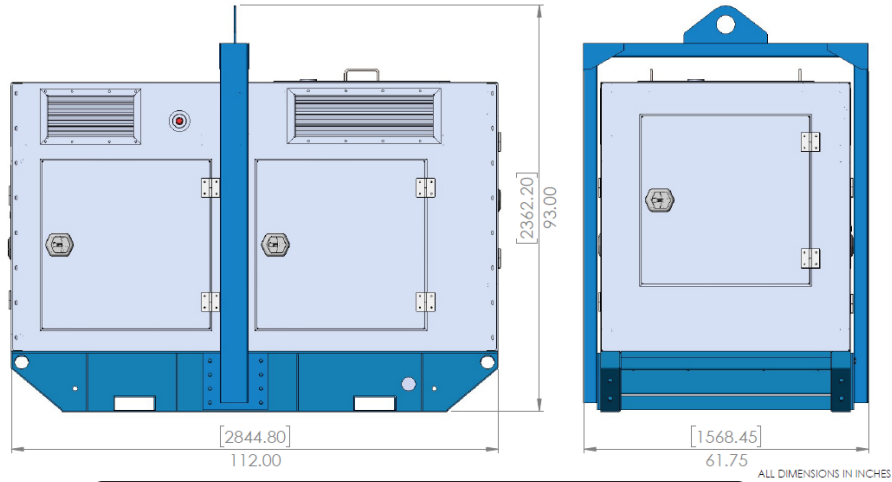
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Approximate Dimensions: 105 ¼" x 69 ¾" x 54"  
Powered by Deutz TCD3.6L4 Diesel Engine

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

Skid Base  
8080  
3665



TOTAL HEAD  
FT

Performance Curve Model  
PT8TPC-TCD3.6L4SS (SS-Super Silent)  
Size: 8" High Head Trash Pump

