

PRIME³ Vacuum Assisted Suction Pump
 Model PT8TPC-TCD3.6L4
 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 6NHTA Redi Prime High Head Pump
Volute: Cast iron ASTM A48 class 30
Flanges: 8" suction, 8" discharge flange
Impeller: Enclosed - 2 vane
Solids: Handles 3" diameter compressible, spherical solids
PRIME³ 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

PT8TPC-TCD3.6L4			Shutoff Head: 200 feet		
Flow (GPM)	Speed (RPM)	TDH (ft)	Pump Efficiency (%)	Power (hp)	Max Suction Head (ft)*
2760	1670	---	---	---	---
2300	1670	108	82	76	16.5
1840	1670	130	83	72.9	10.5
1380	1670	150	79	65.8	8.28
920	1670	168	69	56.3	8

*Max Suction Head is suction lift plus friction losses without risk of suction cavitation

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 (220 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. Toogle 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 (85.8kW) Continuous @ 1800 RPM

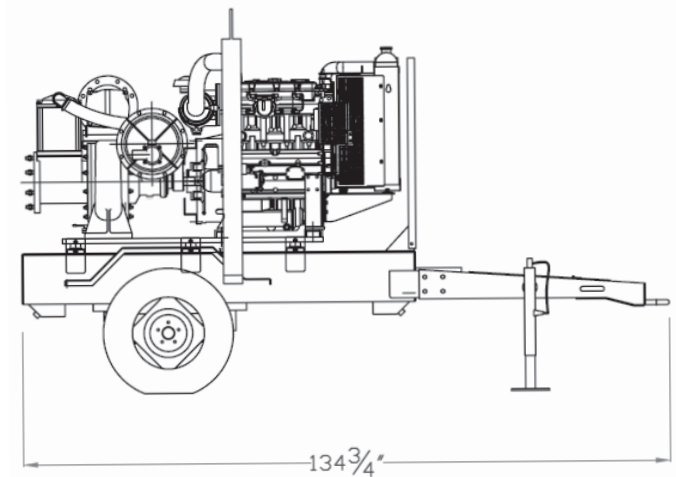
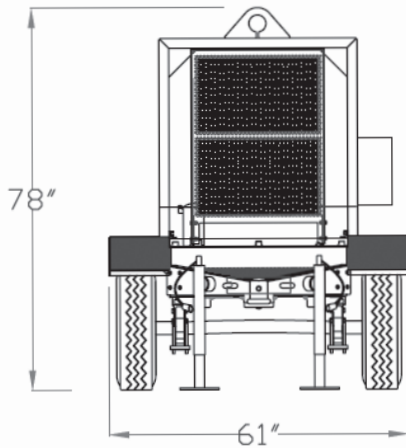


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Approximate Dimensions
Powered by Deutz TCD3.6L4 Diesel Engine
Optional trailer shown

	Skid Base	DOT Trailer
Net Weight (lbs)	3410	4010
Shipping Weight (lbs)	3560	N/A



Performance Curve Model: PT8TPC-TCD3.6L4
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