

PRIME³ Vacuum Assisted Suction Pump
Model PT8TPA-TD3.6L4
Size 8" (200mm) Trash Pump

Holland Pump Company
Corporate Office: 7312 Westport Place
West Palm Beach, FL 3341
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: 2 vane enclosed, 10.09" diameter

Solids: Handles 3" diameter compressible, spherical solids

PRIME³ 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

PT8TPA-TD3.6L4			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

ENGINE SPECIFICATIONS

Model: Deutz TD3.6L4, Tier 4 Final Or Approved Alternate

Type: 4 Cylinder, 4 Stroke, Turbo Charged, Liquid Cooled Diesel Engine

Displacement: 3.6L (220 cu.in.)

Governor: Electronic

Lubrications: 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: Cast Iron Engine Block, Flywheel and Flywheel Housing, Ecoplus Oil and Fuel Filters, Glow Plug Starting Aid, Integral Inlet and Manifold, Gear Driven Coolant Pump, Cast Iron Exhaust Manifold with Center Side Outlet, Standard Instrument Panel: Controls Inc. C3M - Engine Temperature and Low Oil Pressure with optional Gauge, Fuel Level, Hour Meter, Flex Inputs

Optional Features: Site or DOT Highway Trailer Controls Inc. (or equal) C3M-AS Auto Start/Stop panel with Throttle Control, and Modbus Output

Coupling: Reich coupling

Deutz Published Performance: Maximum Continuous Power: 73 BHP (55.4kW) @ 2400 RPM

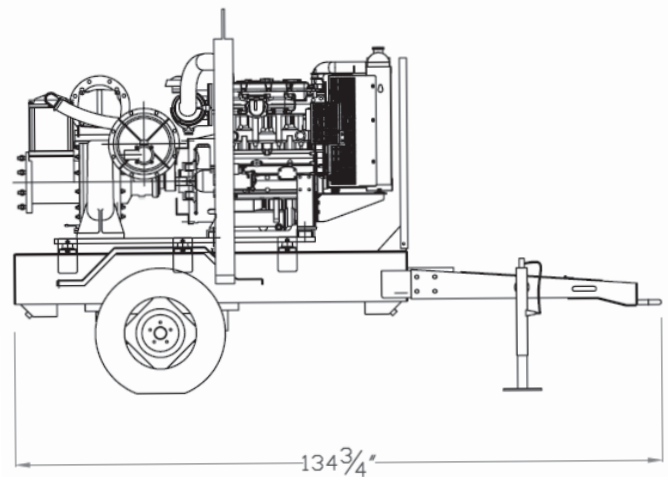
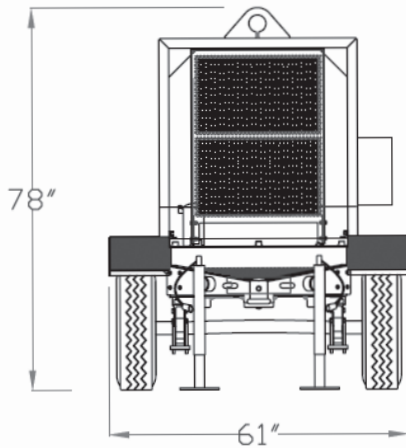


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Approximate Dimensions
Powered by Deutz TD3.6L4
Optional trailer shown

	Skid Base	DOT Trailer
Approx. Net Weight (lbs)	4500	6300
Shipping Weight (lbs)	4900	N/A



Performance Curve Model: PT8TPA-TD3.6L4
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