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PRIME³ Vacuum Assisted Suction Pump
 Model PT6TPC - P1104D44T
 Size 6" High Head Trash Pump

Holland Pump Company
 Corporate Office: 7312 Westport Place
 West Palm Beach, FL 33413
 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, 6" discharge flange

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

PT8TPC-P1104D44T			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: Perkins 1100 Series 1104D-44T, Tier 4i (while supplies last then Duetz TD3.6L4 Tier4F or Equal)

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

Displacement: 4.4 L (268 cu.in.)

Governor: Mechanical

Lubrication: Forced Circulation

Air Cleaner: Dry Type with Replaceable Element

Lube Oil Capacity: 2.2 U.S. gal (8.3L)

Coolant Capacity: 4.5 U.S. gal (17L)

Fuel Tank: Integral 127 U.S. Gallon Capacity (#2 Diesel Fuel)

Full Load Operating Time: 30 Hours Minimum

Starter: 12 Volt

Standard Features: Controls Inc. 83500 control panel - Oil Pressure, Engine Temperature, Hour meter, Amp Meter, Hour Meter, Automatic Remotes Start and Stop

Optional Features: Site or DOT Light Package

Coupling: Stromag coupling

Perkins Published Performance: Power: 75 BHP Continuous @ 1800 RPM



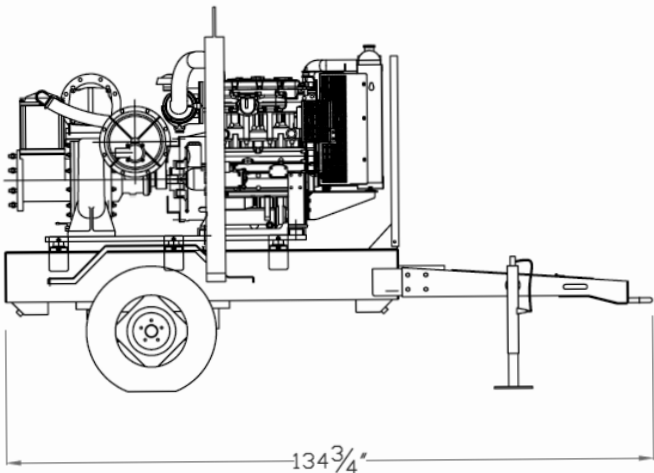
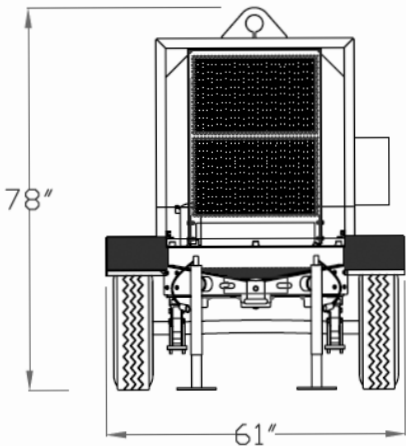
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Approximate Dimensions
Powered by Perkins 1104D.44T Diesel Engine
Optional trailer shown

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



Performance Curve Model: PT6TPC - P1104D44T
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