

# HOLLAND P U M P

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Section: 40-60

17 Mar 06

**PRIME<sup>3</sup>** Vacuum Assisted Suction Pump  
Model PT10TPC - D6068T  
Size 10" Trash Pump  
235' Shutoff Head

Holland® Pump Company  
Corporate Office: 2610 Sidney Lanier Drive  
Brunswick, Georgia 31525  
Phone 912-466-0304  
1-888-997-PUMP  
www.hollandpump.com

## PUMP SPECIFICATIONS

**Type/Model:** Solids handling/ trash pump

**Volute:** Fine gray cast iron

**Impeller:** Enclosed - 2 vane. Handles 3.38" diameter solids

**PRIME<sup>3</sup> Priming System:** 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 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

**Check Valve:** Holland Pump Design

**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

**Hardware:** Stainless steel float linkage. A positive seating vacuum priming valve prevents water carry-over to the vacuum, pump or atmosphere

**Vacuum Pump:** 50 SCFM Maximum

**Performance:** Primes to depths of 25 feet below the center line of the pump in 1 minute

**Flanges:** 10" suction, 8" discharge



## ENGINE SPECIFICATIONS

**Model:** Deere 6068T

**Type:** 6 Cylinder, 4 Stroke, Turbocharged, Liquid Cooled Diesel Engine

**Displacement:** 6.8 L (414 cu.in.)

**Governor:** Mechanical

**Lubrications:** Forced Circulation

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

**Lube Oil Capacity:** 5 U.S. Gallons

**Coolant Capacity:** 5 U.S. Gallons

**Fuel Tank:** Integral 240 U.S. Gallon Capacity (#2 Diesel Fuel)

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

**Starter:** 12 Volt

**Standard Features:** Skid, SAE 3 Flywheel Housing, SAE 11 1/2" Flywheel, Electric Start, Safety Shut Down, System Covering: Engine Temperature and Low Oil Pressure

**Optional Features:** Auto-Oiler with Engine Oil Shutdown, Site or DOT Highway Trailer, Auto-Start, HANS (Holland Automatic Notification System), Full Instrument Package Covering: Air Filter, Fuel Filter, RPM, Radiator Coolant Level, Fuel Level

**Coupling:** SAE 3 Bell housing adaptor, Stromag coupling

**Deere Published Performance:** Maximum Continuous Power: 140 BHP (124 kw) @ 2200 RPM

PT10TPC @ 1800 RPM and 10' Lift	Capacity of Pump in U.S. Gallons per Minute (gpm) @ Continuous Performance
235' Head	Shutoff Head
160' Head	2250
105' Head	4500

Specifications subject to change without notice

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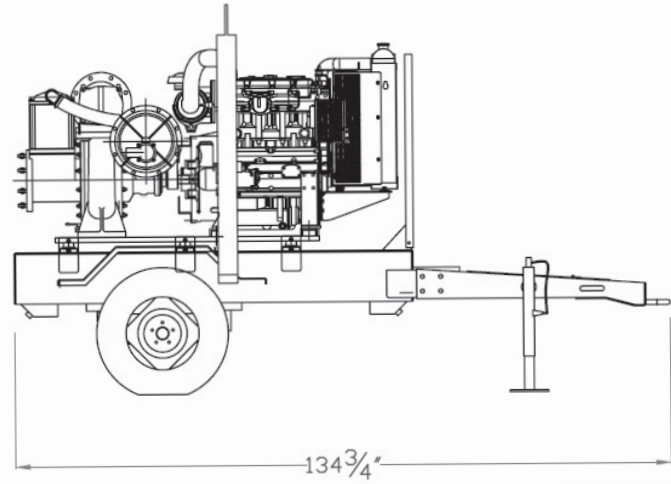
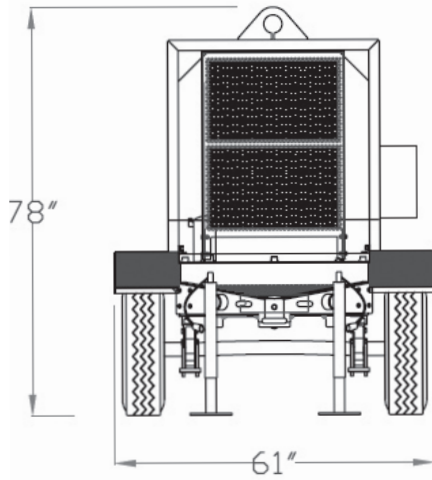
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**PRIME<sup>3</sup>** Vacuum Assisted Suction Pump  
Model PT10TPC - D6068T  
Size 8" Trash Pump  
235' Shutoff Head

Approximate Dimensions  
Powered by Deere 6068T Diesel Engine

	Skid Base	DOT Trailer
Net Weight (lbs)	3310	3910
Shipping Weight (lbs)	3460	N/A
Export Crate Size (cu. ft)	247	N/A



TOTAL HEAD  
FT

Performance Curve Model: PT10TPC - D6068T  
Size: 8" Trash, Materials, Sludge Pump  
235' Shutoff Head

