

PRIME³ Vacuum Assisted Suction Pump
Model PT10TPC - D6068HF285
Size 10" High Head Trash Pump

Holland® Pump Company
Corporate Office: 2610 Sidney Lanier Drive
Brunswick, Georgia 31525
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PUMP SPECIFICATIONS

Type/Model: Solids handling/Cornell Redi-Prime
Volute: Cast iron ASTM A48 class 30
Flanges: 10" suction, 10" discharge
Impeller: Enclosed - 2 vane, 14" diameter
Solids: Handles 3.38" 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



PT10TPC-D6068HF285			Shutoff Head: 200 feet		
Flow (GPM)	Speed (RPM)	TDH (ft)	Pump Efficiency (%)	Power (hp)	Max Suction Head (ft)*
4051	1700	83.4	73	116	20.3
3376	1700	107	79	114	22.7
2886**	1700	122	82	109	23
2701	1700	127	81	107	23
2026	1700	148	76	99	22.6
1350	1700	169	65	88.8	19.4

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

ENGINE SPECIFICATIONS

Model: John Deere 6068HF285, Tier 3
Type: 6 Cylinder, 4 Stroke, Turbocharged, Liquid Cooled Diesel Engine
Displacement: 6.8 L (414 cu.in.)
Governor: Electronic
Lubrications: Forced Circulation
Air Cleaner: Dry Type with Replaceable Element
Lube Oil Capacity: 5 U.S. gal (18.9L)
Coolant Capacity: 3.25 U.S. gal (12.3L)
Fuel Tank: Integral 240 U.S. Gallon Capacity (#2 Diesel Fuel)
Full Load Operating Time: 60 Hours Minimum
Starter: 12 Volt
Standard Features: Skid, Murphy Powerview control panel: Oil Pressure, Engine Temp, RPM, Hour Meter, Load, Engine Code Diagnostics
Optional Features: Auto-Oiler with Engine Oil Shutdown, Site or DOT Highway Trailer, Auto-Start, HANS (Holland Automatic Notification System)
Coupling: Stromag coupling

John Deere Published Performance:

Maximum Continuous Power: 139 BHP (104kW) @ 2200 RPM, Peak Power: 140 BHP (105kW) @ 2000 RPM

Specifications subject to change without notice



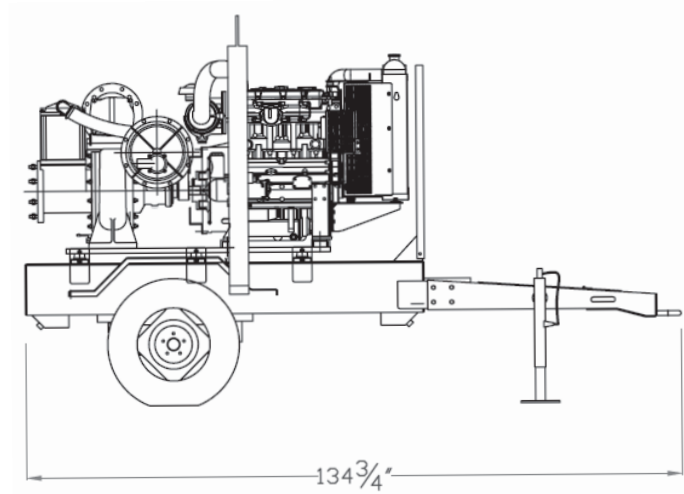
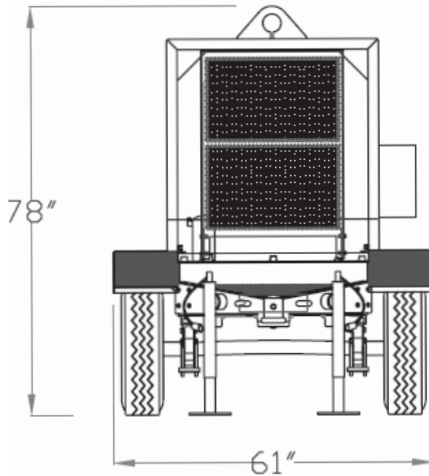
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	Skid Base	DOT Trailer
Net Weight (lbs)	4750	4800

Approximate Dimensions
Powered by John Deere 6068HF285 Diesel Engine
Optional trailer shown



Performance Curve Model: PT10TPC-D6068HF285
Size: 10" High Head Trash Pump

