



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

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/Cornell Redi-Prime
Volute: Cast iron ASTM A48 class 30
Flanges: 10" suction, 10" discharge
Impeller: Enclosed - 2 vane
Solids: Handles 3.38" diameter compressible spherical solids
PRIME³ 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
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

SOUND ENCLOSURE SPECIFICATIONS

Sound Level: Holland Pump Supersilent pump units are tested for Sound Level using the Contractors Pump Bureau Sound Level Measurement Standard for Pump Units using a calibrated Sound Level Meter. This procedure produces an average Sound Level based on eight measurements under strict conditions of pump placement. They are tested at full RPM pumping water. The sound level result is 68 dBA or less @ 23 feet.
Enclosure: Steel construction, removable for ease of maintenance.
 Stainless steel accessories including bolt on, lift off hinges.
Base: Environmentally safe spill containment type base
Lifting Access: External lifting bail, integral forklift pockets

ENGINE SPECIFICATIONS

Model: John Deere 6068HF 285, 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

PT10TPC-D6065HF285-SS			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

John Deere Published

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



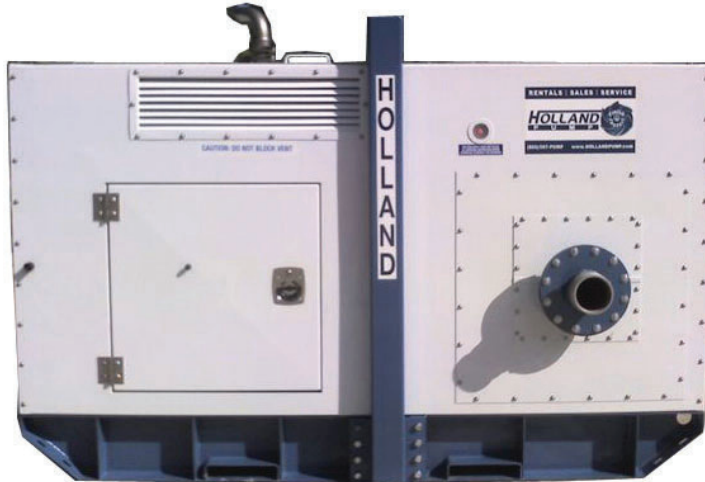
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Approximate Dimensions
Powered by John Deere 6068HF285 Diesel Engine

Approx. Net Weight (lbs)

Skid Base
8500



Performance Curve
Model PT10TPC - D6068HF285 Super Silent
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