**Pump Specifications**

**Size:** 14" Trash Pump  
**Volute:** Fabricated Steel (optional stainless steel and special abrasion resistant steel volutes are available)  
**Flanges:** Suction - 14"; Discharge - 12"  
**Impeller:** Semi-open, 6 Vane. (optional stainless steel or special abrasion resistant steel impellers are available)  
**Solids:** Handles 3.5" diameter spherical compressible solids  
**Impeller Shaft:** High strength steel  
**Seal:** Rotary Mechanical, oil-lubricated, carbon & ceramic (optional tungsten carbide or silicon carbide seals are available)

**Hydraulic System**

**Hydraulic Reservoir Level:** 80 gallon capacity with twin 10 micron spin on oil filter  
**Hydraulic Oil:** Furnished standard (optional mineral based non-toxic inherently bio-degradeable oil available)  
**Hydraulic Pump:** Denison vane type positive displacement pump with pilot operated Denison relief valve  
**Hydraulic Motor:** Vickers vane type positive displacement motor in suction bell  
**Heat Exchanger:** Double row, SCH 40 pipe with integral intake basket (optional engine mounted oil cooler available)  
**Hydraulic Hose:** 50' set of SAE 100R2, two wire & 100R12 four wire braid high-pressure hose  
**Pump Head Pressure Relief System:** Available as option to protect system against improper connection or interruption of vegetable oil flow from pump head to power unit or silicon carbide seals are available

---

**ENGINE SPECIFICATIONS**

**Model:** John Deere 6068HF285, Tier 3  
**Type:** 6 Cylinder, 4 Stroke, Turbocharged, Diesel Engine  
**Displacement:** 6.8L (415 cu.in.)  
**Governor:** Electronic  
**Lubrications:** Forced Circulation  
**Air Cleaner:** Dry Type with Replaceable Element  
**Lube Oil Capacity:** 5 U.S. Gallons (18.9L)  
**Coolant Capacity:** 3.25 U.S Gallons (12.3L)  
**Fuel Tank:** Integral 448 U.S. Gallon Capacity (#2 Diesel Fuel)  
**Full Load Operating Time:** 60 Hours Minimum @ 2000 PSI  
**Starter:** 12 Volt  
**Standard Features:** SAE Flywheel Housing & SAE Flywheel Adaptor, 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, Murphy Powerview control panel: Oil Pressure, Engine Temp, RPM, Hour Meter, Load, Engine Code Diagnostics  
**Optional Features:** Site or DOT Highway Trailer, Automatic Remote Start/ Stop, HANS (Holland Automatic Notification System)

**John Deere Published Performance:** Maximum Continuous Power: 193 BHP (144kW)@ 2000 RPM, Peak Power: 203 BHP (151kW) @ 1800 RPM

---

Specifications subject to change without notice
Approximate Dimensions
Powered by John Deere 6068HF285 Diesel Engine
Optional Tandem Axle Trailer Shown

14" Hydraulically Driven Submersible System
Model H14TP-JD6068HF485
Sixe 14" Trash Pump

Performance Curve Model:
Model H14TP-D6068HF285
Size: 14" Trash Pump

TOTAL HEAD
PSI  FT

© Copyright by Holland Pump Company

Holland Pump Company
Corporate Office: 7312 Westport Place
West Palm Beach, FL 33413
1-800-451-0769
www.hollandpump.com