

14" Hydraulically Driven Submersible System  
Model H14TP - D6081T  
Sixe 14" Trash Pump

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

**Pump Specifications**

**Size:** 14" Trash Pump

**Volute:** Fabricated Steel (optional stainless steel and special abrasion resistant steel volutes are available)

**Impeller:** Semi-open, 6 Vane. Handles 3.5" diameter spherical compressible solids (optional stainless steel or special abrasion resistant steel impellers are available)

**Impeller Shaft:** Stainless steel

**Seal:** Rotary Mechanical, oil-lubricated, carbon & ceramic (optional tungsten carbide or silicon carbide seals are available)

**Flanges:** Suction - 14"; Discharge - 12"

**Hydraulic System**

**Hydraulic Reservoir Level:** 80 gallon capacity with twin 10 micron spin on oil filter

**Biodegradable Oil:** Furnished standard (optional petroleum based hydraulic oil available)

**Hydraulic Pump:** Denison vane type positive displacement pump with pilot operated Denison relief valve

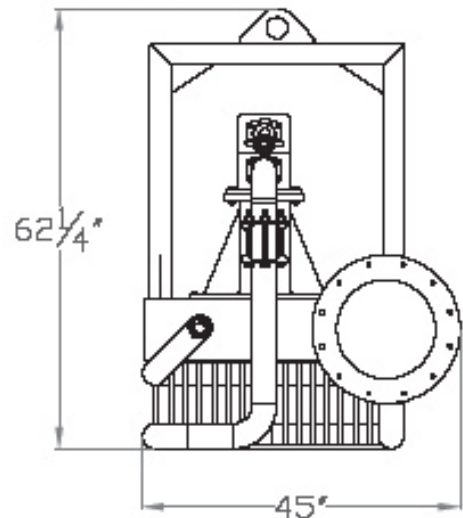
**Hydraulic Motor:** Vickers vane type positive displacement motor in suction bell

**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 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

14" TRASH PUMP



**ENGINE SPECIFICATIONS**

**Model:** John Deere 6081T

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

**Displacement:** 8.1L (494 cu.in.)

**Governor:** Electrical

**Lubrications:** Forced Circulation

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

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

**Coolant Capacity:** 8 U.S. Gallons

**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 2 Flywheel Housing, SAE 11-1/2" Flywheel, SAE C Pump Adaptor, Murphy Safety Shut Down System Covering: Engine Temperature, Engine Oil Pressure, Hydraulic Oil Level & Hydraulic Oil Temperature

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

**Cummins Published Performance:** Maximum Continuous Power: 170 BHP (128kW) @ 2200 RPM

H14TP @ 2000 psi	Capacity of Pump in U.S. Gallons per Minute (gpm) @ Continuous Performance
20' Head	5800
10' Head	6500



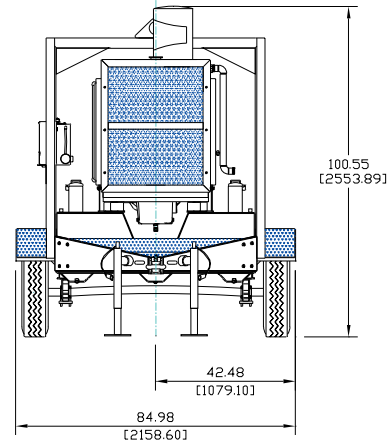
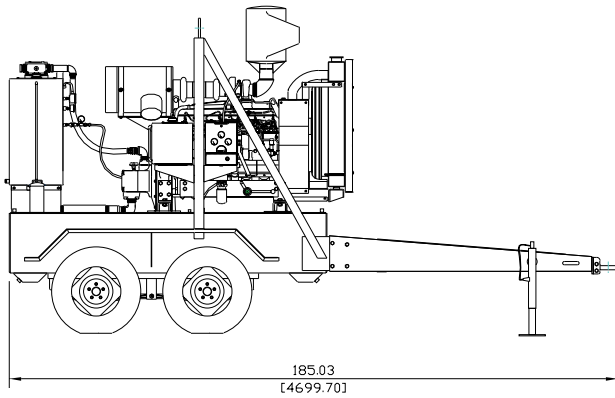
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Approximate Dimensions

Powered by John Deere 6081T Diesel Engine  
Tandem Axle Trailer Shown



Performance Curve Model: Model H14TP - D6081T  
Size: 14" Trash Pump

TOTAL HEAD  
PSI FT

