

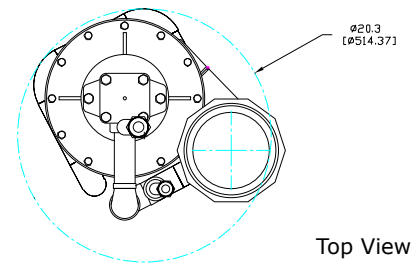


**6" Hydraulically Driven Submersible System  
Model H6TMS - D4045D  
Size 6" Trash, Materials, Sludge Pump**

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

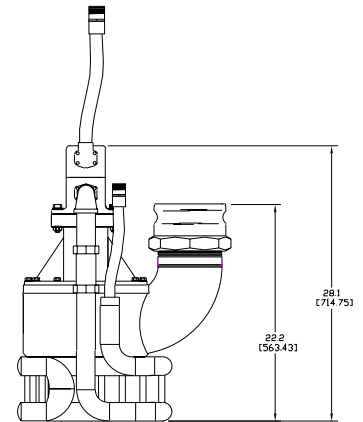
**PUMP SPECIFICATIONS**

- Size:** 6" Trash, Materials, Sludge Pump
- Volute:** Fabricated Steel (optional stainless steel and special abrasion resistant steel volutes are available)
- Impeller:** Recessed vortex, 6 Vane. Handles 3.5" diameter compressible spherical solids. (optional stainless steel or special abrasion resistant steel impellers are available)
- Impeller Shaft:** High strength steel
- Seal:** Rotary Mechanical, oil-lubricated, carbon & ceramic (optional tungsten carbide or silicon carbide seals are available option)



**Hydraulic System**

- Hydraulic Reservoir level:** 50 gallon capacity with twin 10 micron spin on oil filter
- Hydraulic Oil:** Petroleum based AW68 Furnished standard (optional canola bio-degradable oil or mineral based non-toxic inherently bio-degradable oil available)
- Hydraulic Pump:** Denison vane type positive displacement pump with pilot operated Denison relief valve
- Hydraulic Motor:** Vickers vane type positive displacement motor
- 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 Fail Safe Pressure Relief System:** Available as option to protect system against improper connection or interruption of biodegradable oil flow from pump head to power unit



Holland 6" Trash Materials, Sludge Pump

**ENGINE SPECIFICATIONS**

- Model:** John Deere 4045D, Tier 3
- Type:** 4 Cylinder, 4 Stroke, Naturally Aspirated, Liquid Cooled Diesel Engine
- Displacement:** 4.5L (276 cu.in.)
- Governor:** Mechanical
- Lubrications:** Forced Circulation
- Air Cleaner:** Dry Type with Replaceable Element
- Lube Oil Capacity:** 3.5 U.S. gal (13.2L)
- Coolant Capacity:** 2.25 U.S. gal (8.5L)
- Fuel Tank:** Integral 114 U.S. Gallon Capacity (#2 Diesel Fuel)
- Full Load Operating Time:** 60 Hours Minimum @ 2000 PSI
- Starter:** 12 Volt, 2.0 kW

H6TMS @ 2000 PSI	Capacity of Pump in U.S. Gallons per Minute (gpm) (Continuous Performance)
20' Head	1200
10' Head	1400

- Standard Features:** Murphy control panel - 3 Gauges: Oil Pressure, Engine Temperature, Hour meter plus lights for engine running, low oil pressure, high engine temperature, overcrank, and overspeed. Toggle switch start/stop.
- Optional Features:** NEMA 4 Instrument Package Covering: Air Filter, Fuel Filter, Engine Temperature Level, Fuel Level, Engine Oil Pressure, Hour Meter, Amp Meter, Hydraulic Oil Pressure
- John Deere Published Performance:** Maximum Continuous Power: 72 BHP (57kW) @ 2400 RPM  
Maximum Intermittent Power: 80 BHP (57kW) @ 2400 RPM



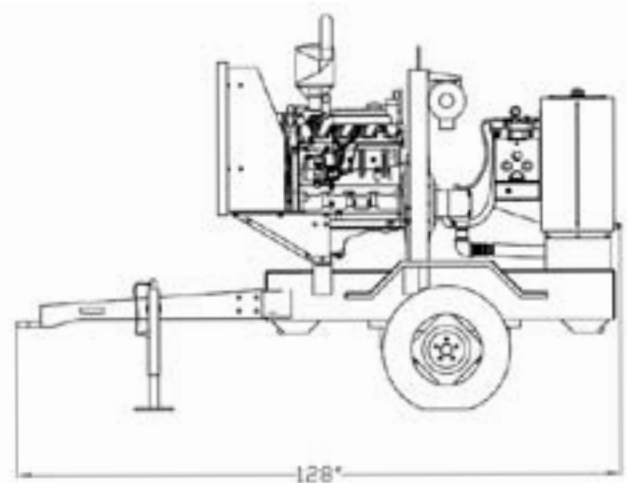
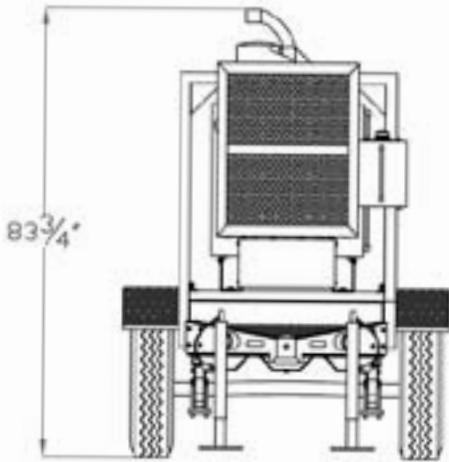
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Approximate Dimensions  
Powered by John Deere 4045D Engine, Optional  
Single Axle Trailer Shown

	Skid Base	DOT Trailer	Pump
Net Weight (lbs)	2568	2968	195
Shipping Weight (lbs)	N/A	N/A	N/A
Export Crate Size (cu.ft)	198	N/A	16



**Performance Curve Model: H6TMS - D4045D  
Size: 6" Trash, Materials, Sludge Pump**

TOTAL HEAD  
PSI FT

