



6" Hydraulically Driven Submersible System
Model H6MS - JD4045TF280
Size 6" Materials/ Sludge Pump

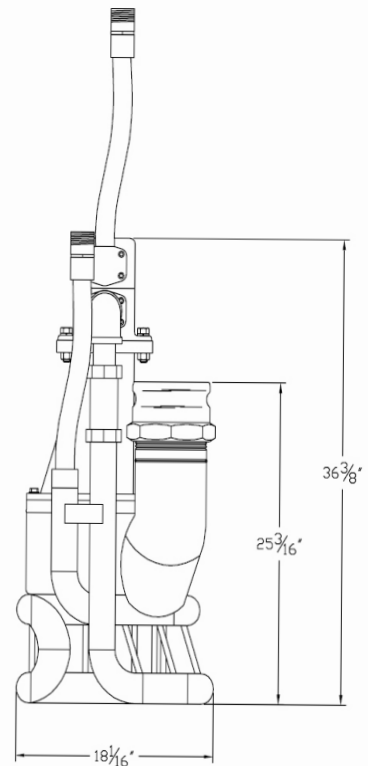
Holland Pump Company
Corporate Office: 7312 Westport Place
West Palm Beach, FL 33413
1-800-451-0769
www.hollandpump.com

PUMP SPECIFICATIONS

- Size:** 6" Materials/ Sludge Pump
- Volute:** Fabricated Steel (optional stainless steel and special abrasion resistant steel volutes are available)
- Impeller:** Recessed vortex, 6 Vane. (optional stainless steel or special abrasion resistant steel impellers are available)
- Solids:** Handles 3" diameter compressible spherical solids.
- 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 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" Materials/ Sludge Pump

ENGINE SPECIFICATIONS

- Model:** John Deere 4045DTF280 Tier 3
- Type:** 4 Cylinder, 4 Stroke, Naturally Aspirated, Liquid Cooled Diesel Engine
- Displacement:** 4.5L (275 cu.in.)
- Governor:** Mechanical
- Lubrication:** Forced Circulation
- Air Cleaner:** Dry Type with Replaceable Element
- Lube Oil Capacity:** 3.5 U.S. Gallons (13.2L)
- Coolant Capacity:** 2.25 U.S. Gallons (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
- Standard Features:** 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, Standard Instrument Panel: Engine Temperature and Low Oil Pressure with optional Gauge, Key Start, and Hour Meter
- Optional Features:** Site or DOT Highway Trailer, Automatic Remote Start and Stop, HANS (Holland Automatic Notification System), NEMA 4 Instrument Package Covering: Air Filter, Fuel Filter, Engine Temperature, Fuel Level, Engine Oil Pressure, Hour Meter, Amp Meter, Hydraulic Oil Pressure
- John Deere Published Performance:**
Maximum Continuous Power: 72 BHP (54kW) @ 2400 RPM
Maximum Intermittent Power: 80 BHP (60kW) @ 2400 RPM

H6MS @ 2000 PSI	Capacity of Pump in U.S. Gallons per Minute (gpm) (Continuous Performance)
20' Head	1500
10' Head	1600



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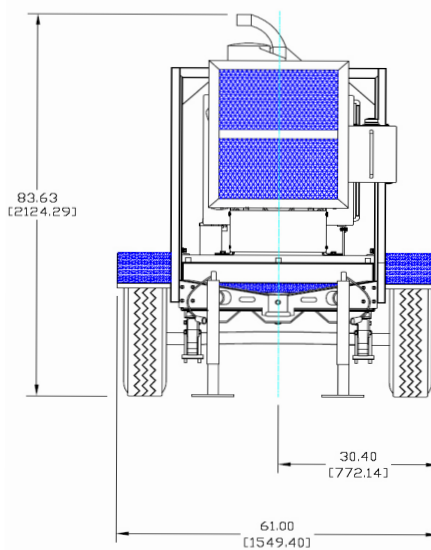
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Approximate Dimensions

Powered by John Deere 4045D Diesel 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



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Performance Curve Model: H6MS - JD4045TF280
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TOTAL HEAD
PSI FT

