

**14" Hydraulically Driven Submersible System**  
**Model H14TA-6068HI**  
**14" (350mm) Trash Pump**

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

### **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)

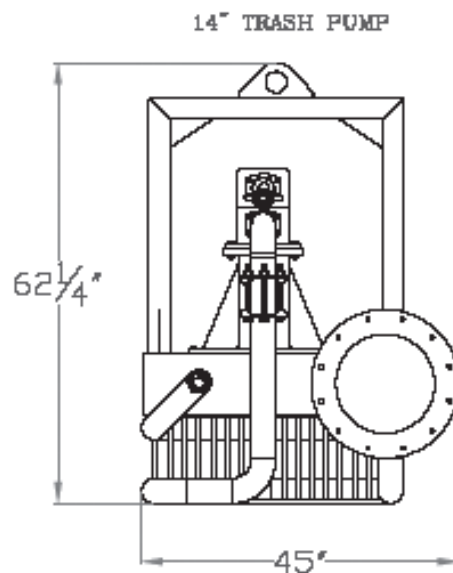
**Hydraulic Pump:** Denison vane type positive displacement pump  
with pilot operated Denison relief valve

**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 6068HI5503185, Tier 4 Final Or Approved  
Alternate

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

**Displacement:** 6.8L (414cu.in.)

**Governor:** Electronic

**Lubrications:** Forced Circulation

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

**Lube Oil Capacity:** 5 U.S. Gallons (19L)

**Coolant Capacity:** 5 U.S. Gallons (19L)

**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)

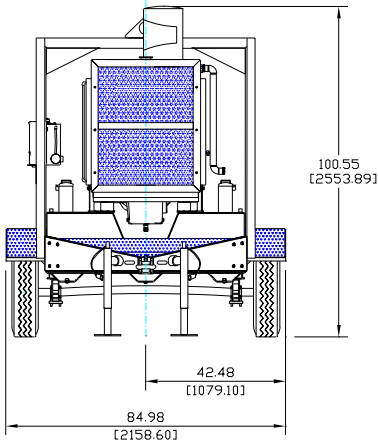
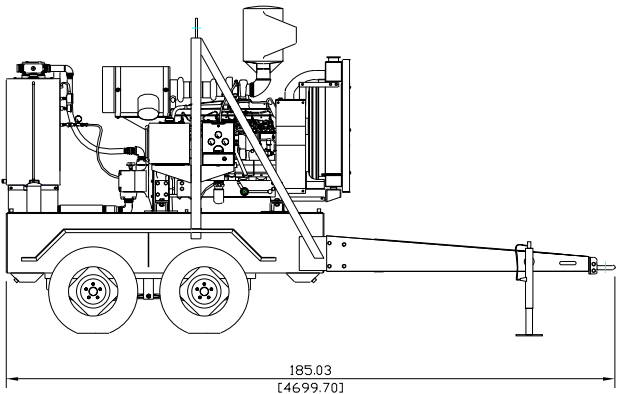
**John Deere Published Performance:** Maximum Continuous Power: 194 BHP (145kW)@ 2400 RPM

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Approximate Dimensions  
Powered by John Deere 6068HI5503185, Tier 4 Final  
Diesel Engine  
Optional Tandem Axle Trailer Shown

	Skid Base	DOT Trailer	Pump
Net Weight (lbs)	4060	4660	690
Net Weight (kg)	1841	2114	313
Shipping Weight (lbs)	4160	4760	740
Shipping Weight (kg)	1887	2159	336
Export Crate Size (cu. ft)	350	N/A	28



Performance Curve Model:  
Model H14TA-6068HI  
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TOTAL HEAD  
PSI    FT

