

4" Hydraulically Driven Submersible System
Model H4TP - P404D22
Size 4" Trash Pump

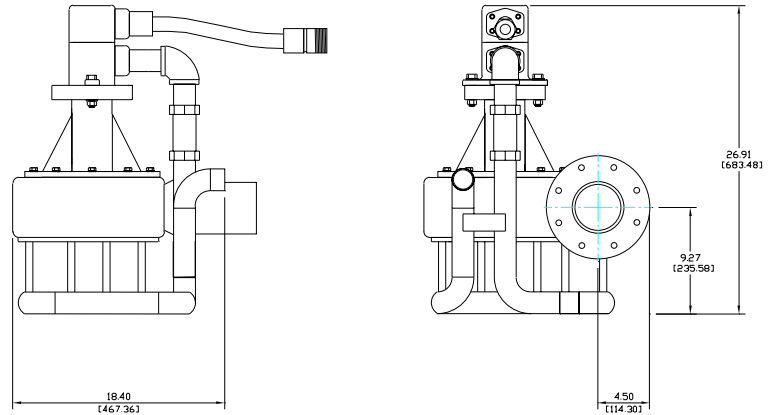
Holland® Pump Company
Corporate Office: 7312 Westport Place
West Palm Beach, FL 33413
1-800-451-0769
www.hollandpump.com

PUMP SPECIFICATIONS

- Size:** 4" Trash Pump
- Volute:** Fabricated steel with horizontal discharge (optional stainless steel and special abrasion resistant steel volutes are available)
- Impeller:** Semi-open, 3 Vane. optional stainless steel and special abrasion resistant steel impellers are available
- Solids:** Handles 3" diameter spherical compressible solids
- Impeller Shaft:** High strength steel
- Seal:** Rotary Mechanical, oil-lubricated, carbon & ceramic (optional tungsten carbide and silicon carbide seals are available)

Hydraulic System

- Hydraulic Reservoir Level:** 30 gallon capacity with single 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 an option to protect system against improper connection or interruption of biodegradable oil flow from pump head to power unit



Holland 4" Trash Pump

ENGINE SPECIFICATIONS

- Model:** Perkins, 400 Series, 404D-22, Tier 3
- Type:** 4 Cylinder, 4 Stroke, Naturally Aspirated, Liquid Cooled, Diesel Engine
- Displacement:** 2.2L (134cu.in.)
- Governor:** Mechanical
- Lubrication:** Forced Circulation
- Air Cleaner:** Dry Type with Replaceable Element
- Lube Oil Capacity:** 2.8 U.S. Gallons (10.6L)
- Coolant Capacity:** 1.84 U.S. Gallons (6.98L)
- Fuel Tank:** Integral 68 U.S. Gallon Capacity (#2 Diesel Fuel)
- Full Load Operating Time:** 60 Hours Minimum @ 2000 PSI
- Starter:** 12 Volt, 2.0 kW

| H4TP @ 2000 PSI | Capacity of Pump in U.S. Gallons per Minute (gpm) for Continuous Performance |
|--------------------|--|
| 20' Head | 700 |
| 10' Head | 800 |

- Standard Features:** Skid, SAE Flywheel Housing, SAE Flywheel, SAE B Pump Adaptor, 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/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
- Perkins Published Performance:** Maximum Continuous Power: 51 BHP (38 kW) @ 3000 RPM



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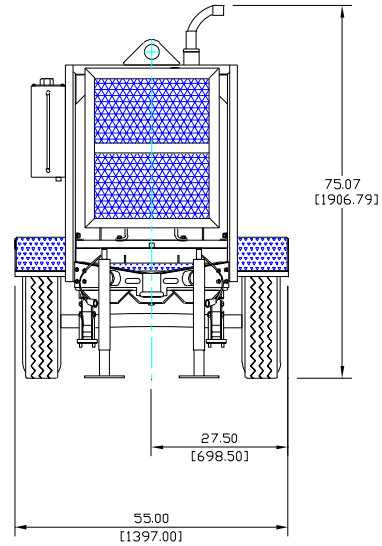
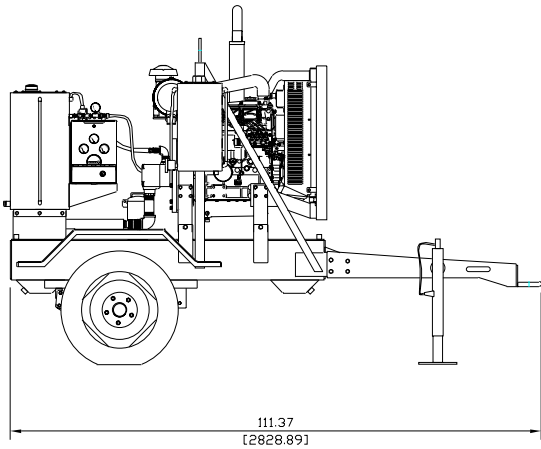
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Approximate Dimensions

Powered by Perkins 404D-22 Diesel Engine, Optional
Single Axle Trailer Shown

| | Skid Base | DOT Trailer | Pump |
|----------------------------|-----------|-------------|------|
| Net Weight (lbs) | 2202 | 2502 | 130 |
| Shipping Weight (lbs) | 2302 | N/A | N/A |
| Export Crate Size (cu. ft) | 107 | N/A | 6 |



TOTAL HEAD

**Performance Curve Model: H4TP - P404D22
Size: 4" Trash Pump**

