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Model A22000 - 6081T
22,000 GPM Axial Flow Pump

Holland® Pump Company
Corporate Office: 7312 Westport Place
West Palm Beach, FL 33413
561-697-3333 • 1-888-997-PUMP (7867)
sales@hollandpump.com

Pump Specifications

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

Propeller: 19-1/2" cast nibral (cooper alloy UNS #C95800) for clean water. Handles 1/4" compressible, spherical solids. Replaceable wear ring

Bearing Carrier: Stainless Steel

Prop Shaft: Stainless Steel

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

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

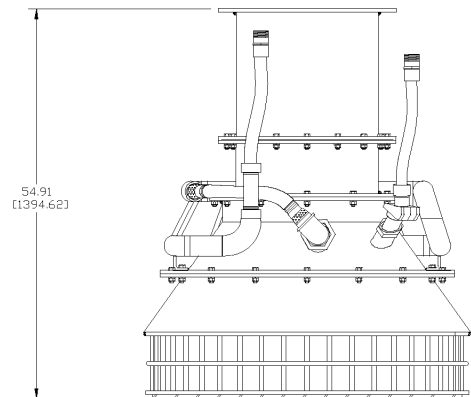
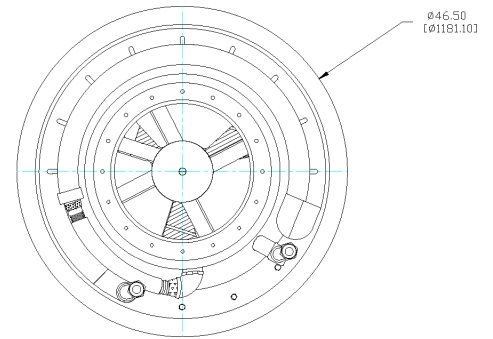
Heat Exchanger: Double row, SCH 40 pipe with integral intake basket (optional engine mounted oil cooler available)

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 hydraulic oil flow from pump head to power unit

Optional Equipment

Site or DOT highway trailer, automatic oiler system to add engine makeup oil as required with low oil shutdown, Holland Notification System (HANS), automatic remote start and stop controller



ENGINE SPECIFICATIONS

Model: John Deere 6081T

Type: 6 Cylinder, 4 Stroke, Turbocharged, Liquid Cooled, Diesel Engine

Displacement: 8.1L (496 cu.in.)

Governor: Mechanical

Lubrications: Forced Circulation

Air Cleaner: Dry Type with Replaceable Element

Lube Oil Capacity: 5 U.S. Gallons

Coolant Capacity: 5 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 4 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

John Deere Published Performance: Maximum Continuous Power: 170 BHP (128kW) @ 2200 RPM



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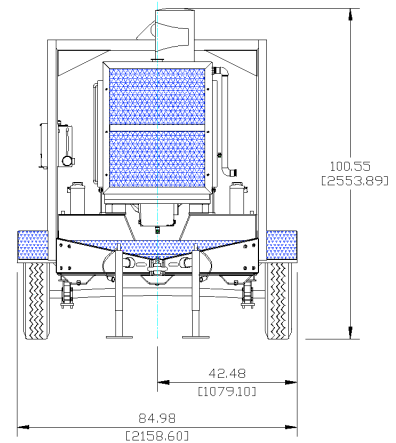
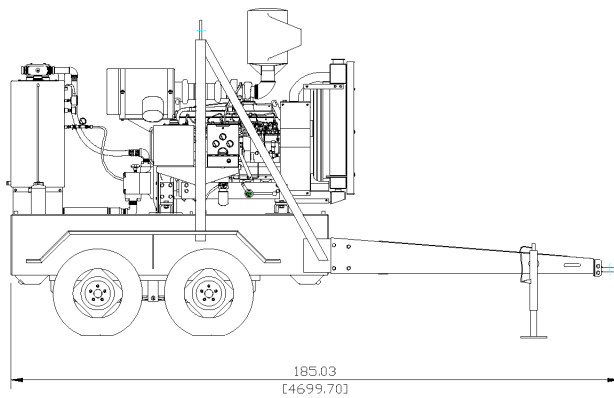
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Approximate Dimensions

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

	Skid Base	DOT Trailer	Pump
Net Weight (lbs)	5400	6100	1421
Shipping Weight (lbs)	N/A	N/A	N/A
Export Crate Size (cu. ft)	460	N/A	91



Performance Curve Model: A22000 - 6081T
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