PUMP SPECIFICATIONS
Size: 10” x 8” (254 mm x 203 mm) Flanged.
Casing: Stainless Steel CD4MCu.
Maximum Operating Pressure 222 psi (1531 kPa).*
Enclosed Type, Two Vane Impeller: Stainless Steel CD4MCu.
Handles 3” (76.2 mm) Diameter Spherical Solids.
Suction Head: Stainless Steel CD4MCu.
Suction Spool: Stainless Steel CD4MCu.
Impeller Shaft: Stainless Steel 17-4 PH.
Replaceable Wear Ring: Stainless Steel CD4MCu.
Bearing Pedestal: Gray Iron 30.
Seal Plate: Stainless Steel CD4MCu.
Seal: Mechanical, SAE 30 Non-Detergent Oil Lubricated. Silicon Carbide Rotating Face and Stationary Seat. Fluorocarbon Elastomers (DuPont Viton™ or Equivalent). Stainless Steel 316 Cage and Stainless Steel 316 Spring. Maximum Temperature of Liquid Pumped 160°F (71°C).*
Shaft Sleeve: Stainless Steel 17-4 PH.
Priming Chamber: Stainless Steel 316 Housing w/Stainless Steel Float and Linkage.
Discharge Check Valve: Stainless Steel Housing w/Viton Flapper.
Radial Bearing: Open Roller.
Thrust Bearing: Open Double Ball.
Gaskets: Fluorocarbon (DuPont Viton™ or Equivalent), Compressed Synthetic Fibers and Buna-N.
O-Rings: Fluorocarbon (DuPont Viton™ or Equivalent).
Hardware: Stainless Steel 316 and 17-4 PH.
Seal Cavity Oil Level Sight Gauges
*Consult Factory for Applications Exceeding Maximum Pressure and/or Temperature Indicated.
Standard Equipment: Strainer. Gear-Driven Air Compressor. Hoisting Bail. Combination Skid Base w/Fuel Tank. Single Ball Type Float Switch.**
Optional Equipment: Battery Threaded Flange Kit. Suction Vacuum and Discharge Pressure Gauge Kit. Tandem Axle Over-the-Road Trailer. Full Feature Control Panel For Use w/Submersible Transducer Liquid Level Sensor.**
**50 Ft. (15 m) Standard Length; Dual Switches and Alternate Cable Lengths Available From the Factory.

ENGINE SPECIFICATIONS
Model: John Deere 6090H “Power Tech.”
EPA Tier: Tier 3.
Type: Six Cylinder, Four Cycle, Charge Air Cooled, Enclosed, Liquid Cooled Diesel Engine.
Governor: Electronic Isochronous.
Lubrication: Forced Circulation.
Air Cleaner: Dry Type.
Full Load Operating Time: 17.9 Hrs.
Starter: 12V Electric.
Standard Features: Muffler w/Weather Cap.
Optional Features: Electronic Fuel Level Sensor.

JOHN DEERE PUBLISHED PERFORMANCE:
Maximum Gross BHP (Intermittent) 375 (280 kW) @ 2200 RPM

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**SKID BASE**

- **NET WEIGHT:** 9200 LBS. (4173 KG.)
- **SHIPPING WEIGHT:** 9600 LBS. (4354 KG.)
- **EXPORT CRATE SIZE:** 719 CU. FT. (20 CU. M.)

**WHEEL KIT**

- **NET WEIGHT:** 9700 LBS. (4400 KG.)
- **SHIPPING WEIGHT:** 9700 LBS. (4400 KG.)

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**PERFORMANCE CURVE**

- **VOLUTE:** 38218-306, **CURVE:** PAH8A-6090H-1
- **IMPPELLER:** 38621-734, **MODEL:** PAH8A-6090H T4
- **SIZE:** 10'x8', **IMP. DIA.:** 17.75'

- **PERFORMANCE CURVE:**
  - **SPGR. 1.0 RPM NOTED**
  - **MAXIMUM CONTINUOUS PERFORMANCE**

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