

A C D E U



**Super  
T SERIES**  
VARIOUS PATENTS APPLY

# Self Priming Centrifugal Pump w/Autostart

**Model T6A60S-4045T**  
**Size 6" x 6"**



70 MT

Total Head		Capacity of Pump in U.S. Gallons per Minute (GPM) at Continuous Performance			
P.S.I.	Feet				
59.0	136	400	400	400	400
52.0	120	730	760	760	760
43.3	100	750	1050	1170	1170
34.7	80	760	1060	1290	1460
26.0	60	770	1070	1300	1500
17.3	40	780	1080	1310	1510
<b>Suction Lift</b>		<b>25'</b>	<b>20'</b>	<b>15'</b>	<b>10'</b>

## PUMP SPECIFICATIONS

**Size:** 6" x 6" NPT (152 mm x 152 mm) - Female.

**Casing:** Gray Iron 30. Maximum Operating Pressure 98 psi (675 kPa).\*

**Semi-Open Type, Two Vane Impeller:** Ductile Iron 65-45-12.

Handles 3" (76.2 mm) Diameter Spherical Solids.

**Impeller Shaft:** Stainless Steel 17-4 PH.

**Replaceable Wear Plate:** Carbon Steel 1015.

**Removable Adjustable Cover Plate:** Gray Iron 30; 50 lbs. (23 kg).

**Flap Valve:** Neoprene w/Steel Reinforcing.

**Seal Plate:** Gray Iron 30.

**Shaft Sleeve:** Alloy Steel 4130.

**Seal:** Cartridge Type, Mechanical, Oil-Lubricated, Double Floating, Self-Aligning. Silicon Carbide Rotating and Stationary Faces. Stainless Steel 316 Stationary Seat. Fluorocarbon Elastomers (DuPont Viton® or Equivalent). Stainless Steel 18-8 Cage and Spring. Maximum Temperature of Liquid Pumped 160°F (71°C).\*

**Bearing Housing:** Gray Iron 30.

**Radial Bearing:** Open Single Ball.

**Thrust Bearing:** Open Double Ball.

**Bearing and Seal Cavity Lubrication:** SAE 30 Non-Detergent Oil.

**Flanges:** 125# Gray Iron 30.

**Gaskets:** Buna-N, Compressed Synthetic Fibers, PTFE, Vegetable Fiber, Cork, and Rubber.

**O-Rings:** Buna-N.

**Hardware:** Standard Plated Steel.

**Brass Pressure Relief Valve.**

**Bearing and Seal Cavity Oil Level Sight Gauges.**

\*Consult Factory for Applications Exceeding Maximum Pressure and/or Temperature Indicated.

**Standard Equipment:** Hoisting Bail. 90° Discharge Elbow. Strainer. Single Level Actuated (Microswitch) Type Liquid Level Control System.\*\*

**Optional Equipment:** Battery. G-R Hard Iron Impeller and Seal Plate. Hardened Steel Wear Plate. High Speed (55 MPH/89 KM/H) Single Axle Pneumatic-Tired Wheel Kit w/wo DOT-Approved Lights and Electric Brakes. Over-the-Road Trailer (Meets DOT Requirements) Available w/ Either Electric or Hydraulic Surge Brakes, Running Lights, Jack Stands and Safety Cables. EPS w/Submersible Transducer Liquid Level Sensor (50 Ft. [15M] Cable Standard, Alternate Lengths Available).

\*\*50 Ft. (15 m) Standard Length; Dual Switches and Alternate Cable Lengths Available From the Factory.



## ENGINE SPECIFICATIONS

**Model:** John Deere 4045T.

**Type:** Four Cylinder, Four Cycle, Turbocharged, Liquid Cooled Diesel Engine.

**Displacement:** 276 Cu. In. (4,5 liters).

**Governor:** Mechanical.

**Lubrication:** Forced Circulation.

**Air Cleaner:** Dry Type.

**Oil Reservoir:** 17.5 U.S. Qts. (16,6 liters) Dry;  
15.5 U.S. Qts. (14,7 liters) Refill.

**Fuel Tank:** 88 U.S. Gals. (330 liters).

**Full Load Operating Time:** 30.1 Hrs.

**Starter:** 12V Electric.

**Standard Features:** Low Oil Pressure and High Coolant Temperature Safety Shut Down Switches/Indicators. Autostart Instrument Panel Includes: Tachometer, Voltmeter, Hourmeter, Coolant Temperature Gauge, Oil Pressure Gauge, Manual/Stop/Auto Key Switch, 10 Amp Pushbutton Circuit Breaker, Audible Startup Warning Delay. Muffler w/Guard and Weather Cap. Throttle Control.

## JOHN DEERE PUBLISHED PERFORMANCE:

Maximum Gross Continuous BHP (Industrial)  
72 (54 kW) @ 2400 RPM



THE GORMAN-RUPP COMPANY • MANSFIELD, OHIO

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Specifications Subject to Change Without Notice

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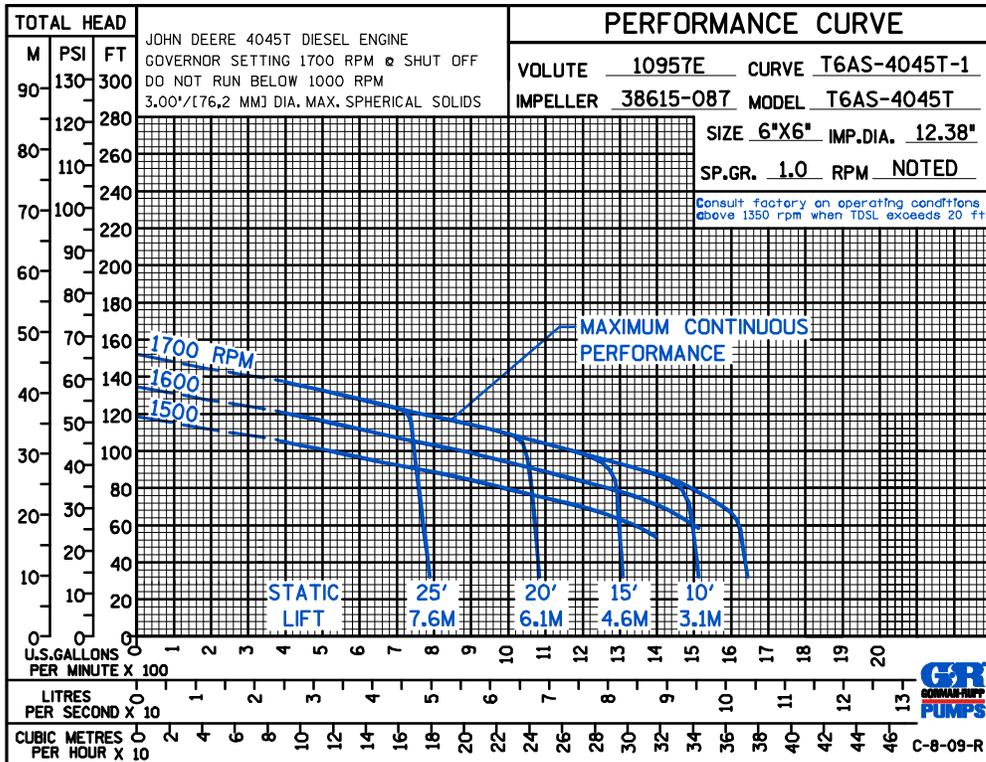
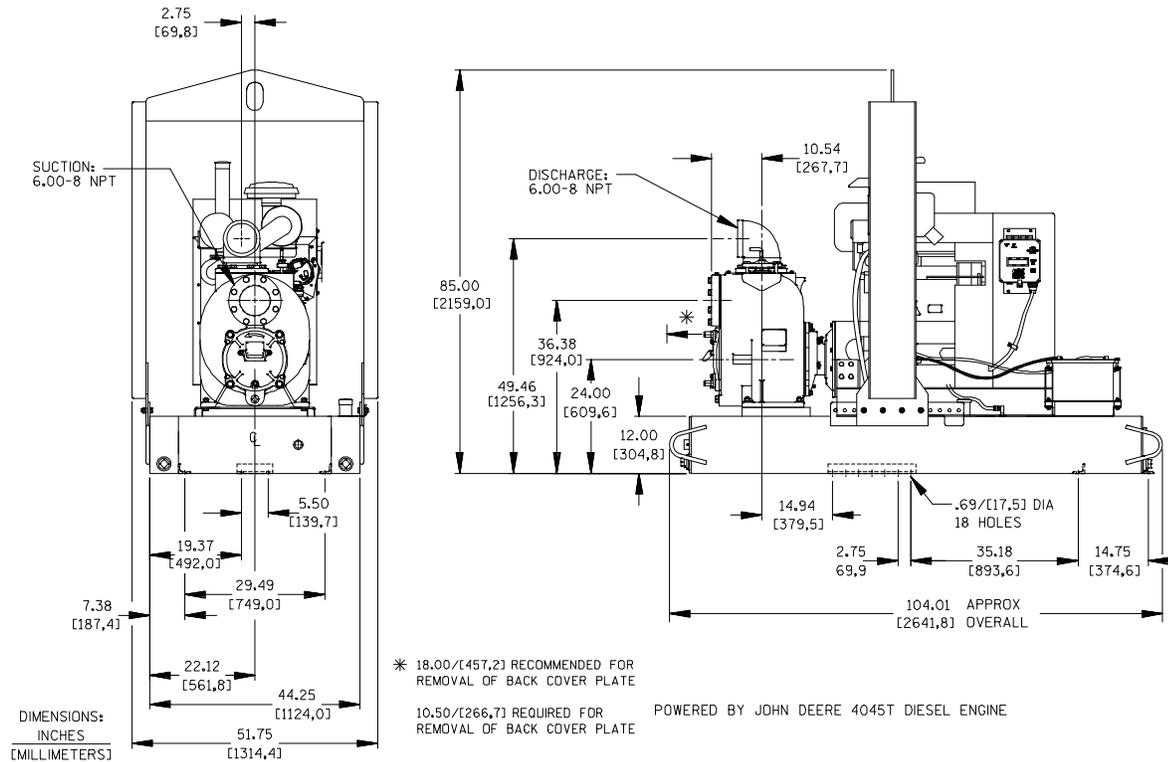
# Specification Data

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APPROXIMATE DIMENSIONS and WEIGHTS

**SKID BASE**  
**NET WEIGHT:** 3395 LBS. (1540 KG.)  
**SHIPPING WEIGHT:** 3630 LBS. (1646 KG.)  
**EXPORT CRATE SIZE:** 273 CU. FT. (7,7 CU. M.)

**2-WHEEL**  
**3905 LBS. (1771 KG.)**  
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