

A C D E U



**Diesel Engine Driven  
Priming Assisted Centrifugal Pump  
w/Autostart  
Model PA6C60-4045T  
Size 8" x 6"**



Total Head		Capacity of Pump in U.S. Gallons per Minute (GPM) at Continuous Performance			
P.S.I.	Feet				
75.9	175	750	750	750	750
65.0	150	1300	1300	1300	1300
54.2	125	1625	1775	1775	1775
43.4	100	1710	1975	2175	2175
32.5	75	1750	2050	2325	2400
21.7	50	1800	2075	2380	2575
10.8	25	1840	2120	2425	2675
<b>Suction Lift</b>		<b>23'</b>	<b>20'</b>	<b>15'</b>	<b>10'</b>

**PUMP SPECIFICATIONS**

**Size:** 8" x 6" (203 mm x 152 mm) Flanged.  
**Casing:** Ductile Iron No. 65-45-12. Maximum Operating Pressure 127 psi (876 kPa).  
**Open Type, Two Vane Impeller:** Ductile Iron No. 65-45-12. Handles 3" (76,2 mm) Diameter Spherical Solids.  
**Impeller Shaft:** Stainless Steel No. 17-4 PH.  
**Replaceable Wear Plate:** Ductile Iron No. 80-60-03.  
**Removeable Cleanout Cover Plate:** Gray Iron No. 30.  
**Intermediate Bracket:** Gray Iron No. 30.  
**Seal Plate:** Gray Iron No. 30.  
**Seal:** Mechanical, Oil-Lubricated. Silicon Carbide Rotating and Stationary Faces. Stainless Steel No. 316 Stationary Seat. Fluorocarbon Elastomers (DuPont Viton® or Equivalent). Stainless Steel No. 18-8 Cage and Spring. Maximum Temperature of Liquid Pumped, 160°F (71°C).  
**Shaft Sleeve:** Stainless Steel No. 17-4 PH.  
**Priming Chamber:** Gray Iron No. 30.  
**Discharge Check Valve:** Gray Iron No. 30 Housing w/Buna-N Flapper.  
**Radial/Thrust Bearings:** Open Double Ball.  
**Bearing Lubrication:** SAE No. 30 Non-Detergent Oil.  
**Flanges:** Gray Iron No. 30.  
**Gaskets:** Resistant Synthetic Rubber, Cork, PTFE, Vegetable Fiber, and Compressed Synthetic Fibers.  
**O-Rings:** Buna-N.  
**Hardware:** Standard Plated Steel.  
**Bearing and Seal Cavity Oil Level Sight Gauges.**

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

**Standard Equipment:** Gear-Driven Air Compressor. Hoisting Bail. Combination Skid Base w/Fuel Tank. Strainer. Single Ball Type Float Switch.\*\*

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

**Optional Equipment:** Battery. High Speed (55 MPH/89 KM/H) Wheel Kit with ST225/75R15 Pneumatic Tires. Over-the-Road Trailer (Meets D.O.T. and Transport Canada Requirements) Available w/Either Electric or Hydraulic Surge Brakes, Running Lights, Two Trailer Jack Stands and Safety Chains. EPS w/Submersible Transducer Liquid Level Sensor (50 Ft. [15 M] Cable Standard, Alternate Lengths Available).



**WARNING!**

Do not use in explosive atmosphere or for pumping volatile flammable liquids.

**ENGINE SPECIFICATIONS**

**Model:** John Deere 4045T "Power Tech".  
**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:** 9 U.S. Qts. (8,5 liters) Dry; 8 U.S. Qts. (7,6 liters) Refill.  
**Fuel Tank:** 88 U.S. Gals. (330 liters).  
**Full Load Operating Time:** 21 Hrs.  
**Starter:** 12V Electric.

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

**JOHN DEERE PUBLISHED PERFORMANCE:**  
 Maximum Continuous BHP 103 (77 kW) @ 2500 RPM  
 Maximum Dynamic BHP 115 (86 kW) @ 2500 RPM



**THE GORMAN-RUPP COMPANY • MANSFIELD, OHIO**  
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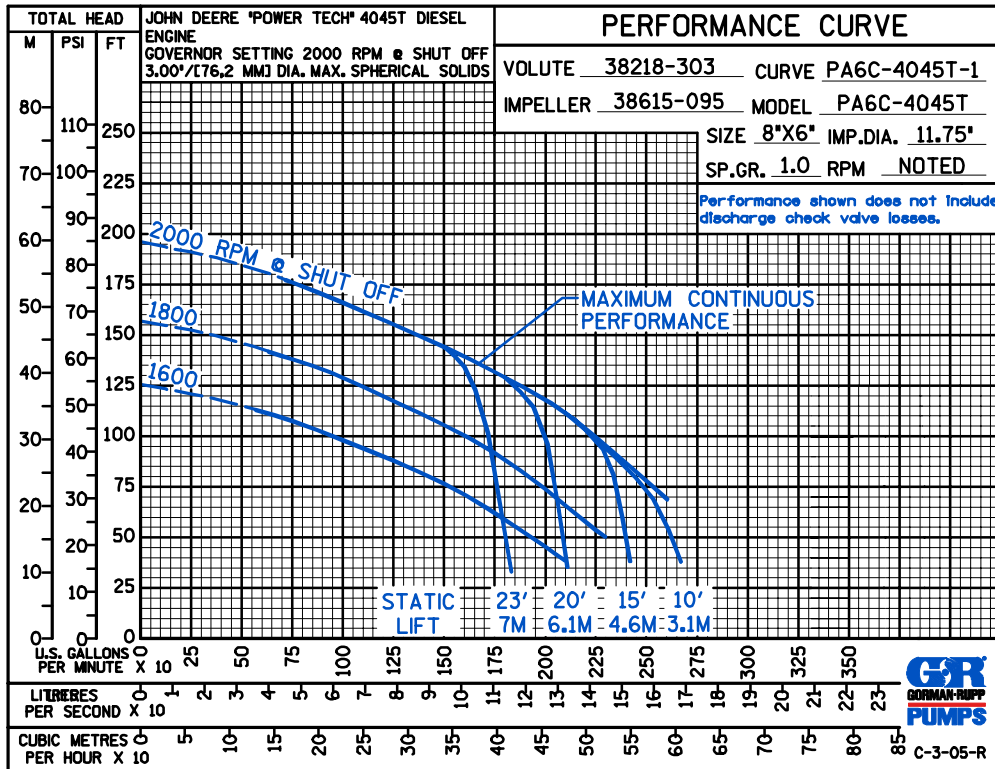
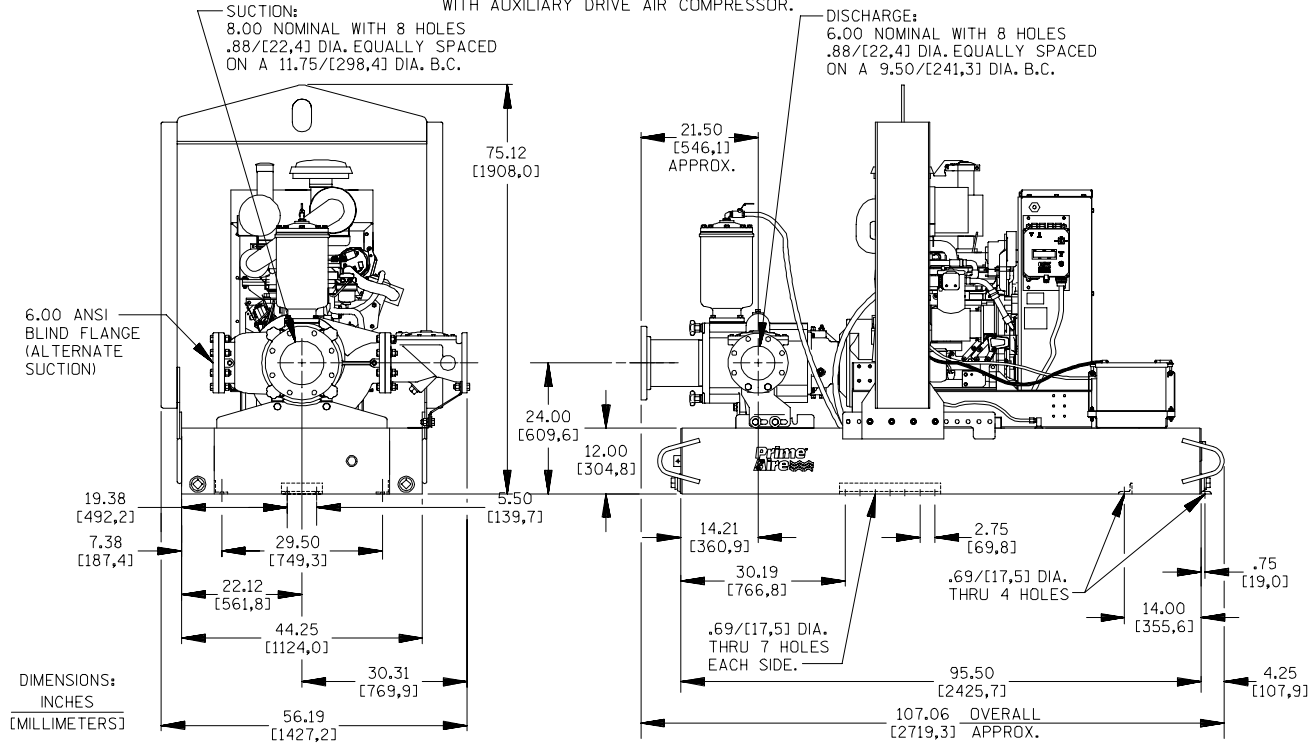
**Specification Data**

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APPROXIMATE  
DIMENSIONS and WEIGHTS

	<b>SKID BASE</b>	<b>2-WHEEL</b>
<b>NET WEIGHT:</b>	<b>3520 LBS. (1597 KG.)</b>	<b>4025 LBS. (1826 KG.)</b>
<b>SHIPPING WEIGHT:</b>	<b>3770 LBS. (1710 KG.)</b>	<b>4025 LBS. (1826 KG.)</b>
<b>EXPORT CRATE SIZE:</b>	<b>290 CU. FT. (8,2 CU. M.)</b>	

POWERED BY: JOHN DEERE 4045T TURBOCHARGED DIESEL ENGINE  
WITH AUXILIARY DRIVE AIR COMPRESSOR.



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