

ACDEU

Diesel Engine Driven

Self Priming Centrifugal Pump

w/Autostart

Model T8A60S-4045T

Size 8" x 8"



Total Head		Capacity of Pump in U.S. Gallons per Minute (GPM) at Continuous Performance			
P.S.I.	Feet				
53.8	124	720	720	720	720
52.0	120	780	780	780	780
43.4	100	1300	1540	1540	1540
34.7	80	1360	1780	2030	2160
26.0	60	1420	1860	2120	2580
17.4	40	1480	1920	2220	2700
Suction Lift		25'	20'	15'	10'



SHOWN WITH OPTIONAL BATTERY

PUMP SPECIFICATIONS

Size: 8" x 8" (203 mm x 203 mm) NPT - Female.
Casing: Gray Iron No. 30.
 Maximum Operating Pressure 90 psi (621 kPa).*
Semi-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: Gray Iron No. 30.
Removable Adjustable Cover Plate: Gray Iron No. 30; 66 lbs. (30 kg).
Flap Valve: Neoprene w/Steel Reinforcing.
Drive Flange: Ductile Iron No. 65-45-12.
Intermediate: Gray Iron No. 30.
Seal Plate: Gray Iron No. 30.
Shaft Sleeve: Alloy Steel No. 4130.
Seal: Cartridge Type, Mechanical, Oil-Lubricated, Double Floating, Self-Aligning. 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).*
Bearing Housing: Gray Iron No. 30.
Radial/Thrust Bearings: Open Double Ball.
Bearing and Seal Cavity Lubrication: SAE No. 30 Non-Detergent Oil.
Flanges: 125# Gray Iron No. 30.
Gaskets: Buna-N, Compressed Synthetic Fibers, PTFE, Cork, and Rubber.
O-Rings: Buna-N.
Hardware: Standard Plated Steel.
Brass Pressure Relief Valve.
Bearing and Seal Cavity Oil Level Sight Gauges.
Standard Equipment: Hoisting Bail. 90° Discharge Elbow. 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. G-R Hard Iron Impeller, Seal Plate and Wear Plate. 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. [15,2 M] Cable Standard, Alternate Lengths Available).

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

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, Water Cooled Diesel Engine.
Displacement: 276 Cu. In. (4,5 Liters).
Governor: Mechanical.
Lubrication: Forced Circulation.
Air Cleaner: Dry Type.
Oil Reservoir: 14 U.S. Qts. (13,2 Liters) Dry; 13 U.S. Qts. (12,3 Liters) Refill.
Fuel Tank: 88 U.S. Gallons (333 Liters).
Full Load Operating Time: 22.9 Hrs.
Starter: 12 Volt Electric.

Standard Features: Low Oil Pressure, High Coolant Temperature, Start Failure and Engine Over-Speed Safety Shut Down Switches. Fuel Level Gauge. Autostart Instrument Panel Display Includes: RPM, Engine Hours, Coolant Temperature, Oil Pressure and Battery Voltage. Manual/Off/Auto Key Switch, Audible Startup Warning Delay, and Throttle Control. Muffler w/Guard and Weather Cap.

JOHN DEERE PUBLISHED PERFORMANCE:
 Maximum Continuous B.H.P. 103 (77 kW) @ 2500 RPM
 Maximum Dynamic B.H.P. 115 (86 kW) @ 2500 RPM



THE GORMAN-RUPP COMPANY • MANSFIELD, OHIO

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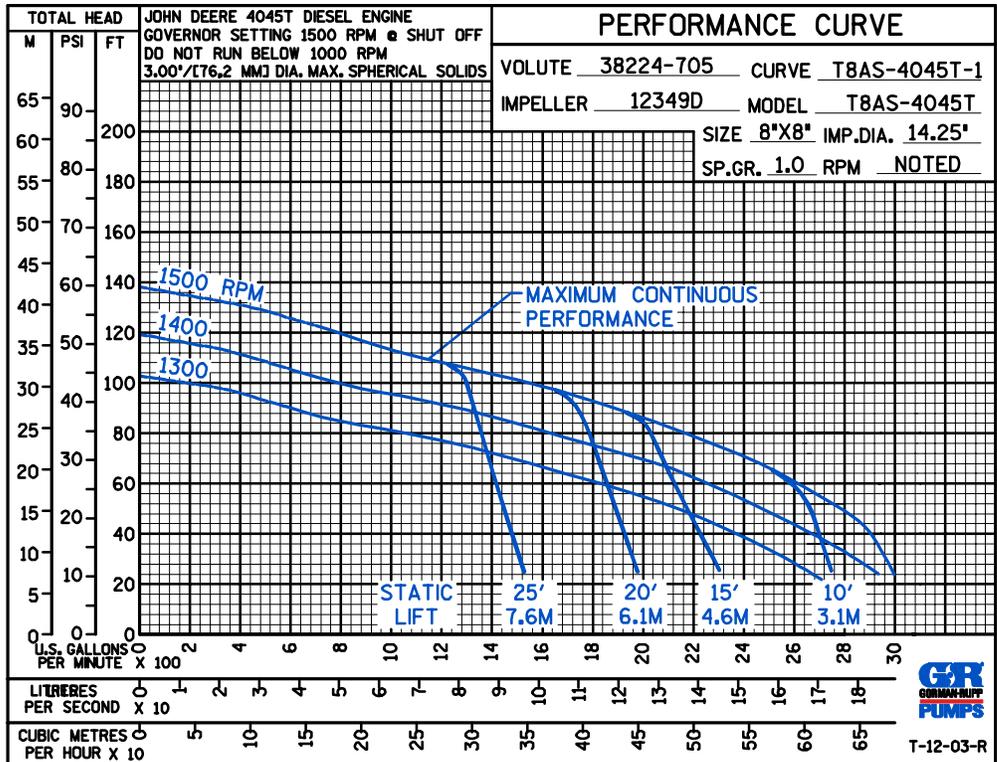
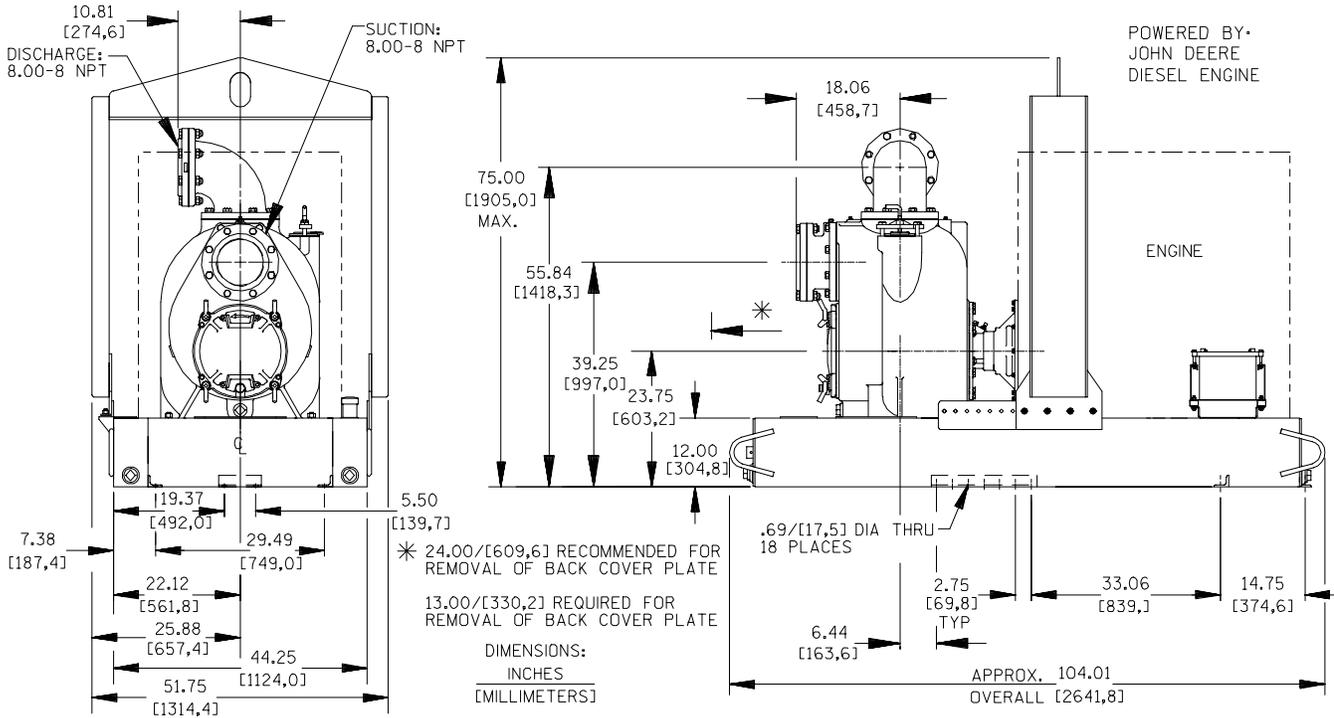
Specification Data

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APPROXIMATE DIMENSIONS and WEIGHTS

SKID BASE
NET WEIGHT: 4085 LBS. (787 KG.)
SHIPPING WEIGHT: 4285 LBS. (833 KG.)
EXPORT CRATE SIZE: 288 CU. FT. (8,1 CU. M.)

2-WHEEL
4595 LBS. (891 KG.)
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