

SECTION B: Specifications

Gulf Atlantic Pump & Dredge, LLC has designed and built the Model ZU60JT Power Unit as a self-contained and portable hydraulic power source. The primary purpose of this power unit is to furnish high pressure fluid to power hydraulically driven GAPD Pumping Systems.

Dimensions and Capacities

◆ Standard Equipment:

Engine – John Deere 4045 D - cylinder air cooled diesel

Hydraulic Pump – PARKER P365

Fuel Tank- 96 Gallons

Basic Unit Dimensions (skid mounted)

Height = 75" Width = 46" Length = 99"

Controls - See Section C

Engine Specifications - refer to engine manual

Hydraulic System Specifications:

Relief Valve Setting: 2100 PSI **Hydraulic Oil Reservoir:** 70 gallon

Reservoir equipped with low oil level and high oil temperature engine shut-off switches

Pump output: 42 gpm @ 1800 RPM

Recommended hydraulic oils:

- ISO 68 anti-wear hydraulic oil such as Chevron.
- For environmentally sensitive areas ISO 68 Food Grade A/W Hydraulic Oils such as Chevron Clarity ISO68, or Terra Solve.

◆ Optional Equipment

N/A Slurry Gate Valve - Three position valve used to control slurry gate on GAPD Pumping Systems

N/A Pump Basket: Frame-mounted basket suitable for transporting GAPD pump and hydraulic hoses.

Additional Hydraulic Circuit-

No additional pumps circuits applicable for this unit