



1625 Fullerton Court Glendale Heights, IL 60139 • Tel: 1-888-878-7864 • Fax: 1-630-793-0146 • info@tsurumi-america.com • www.tsurumipump.com

## EPT4-150DPJD • 6 INCH DRY PRIME PUMP

### Vacuum Assisted, Engine Driven, Heavy Duty Solids Handling Pump



EPT4-150DPJD

#### Engine Specification:

- Model: John Deere model 4045TF290
- 74 intermittent horsepower @ 2200 RPM
- Four cylinder, four cycle, water cooled diesel engine
- Governor: Mechanical
- Lubrication: Force Feed
- Air Cleaner: Filter element
- Fuel Tank: 60 US gallons
- Run time: Full load (1800 RPM) ~ 24 hours
- Starter: 12 volt electric

#### Standard Engine Features:

Safety shutdown switches for low oil pressure and high temperature. Instrument panel with temperature and oil pressure gauge, ammeter, hourmeter and tachometer. Muffler with rain cap. Engine to pump coupling: SAE3 housing with 10" rubber disc drive.

#### Standard Skid:

Heavy duty fabricated steel frame. Integral fuel tank, lifting bale, lockable fuel tank, and one 1½" clean-out/drain plug

#### Standard Trailer:

Heavy duty fabricated steel frame, integral fuel tank, fenders, lifting bail, lockable fuel cap, 3500# Anti-torsional axle, two (2) front adjustable leveling jacks and two (2) rear adjustable leveling jacks, one 1½" clean-out plug, fuel gauge, adjustable height tongue with easy conversion from ball hitch to Lunette eye

#### Trailer Options:

DOT light package, work lights, special tires & wheels, dual axles, diamond plate fenders, electric brakes, lockable enclosed instrument panel, lockable enclosed engine housing, storage box, hose rack and more

#### Pump Specifications:

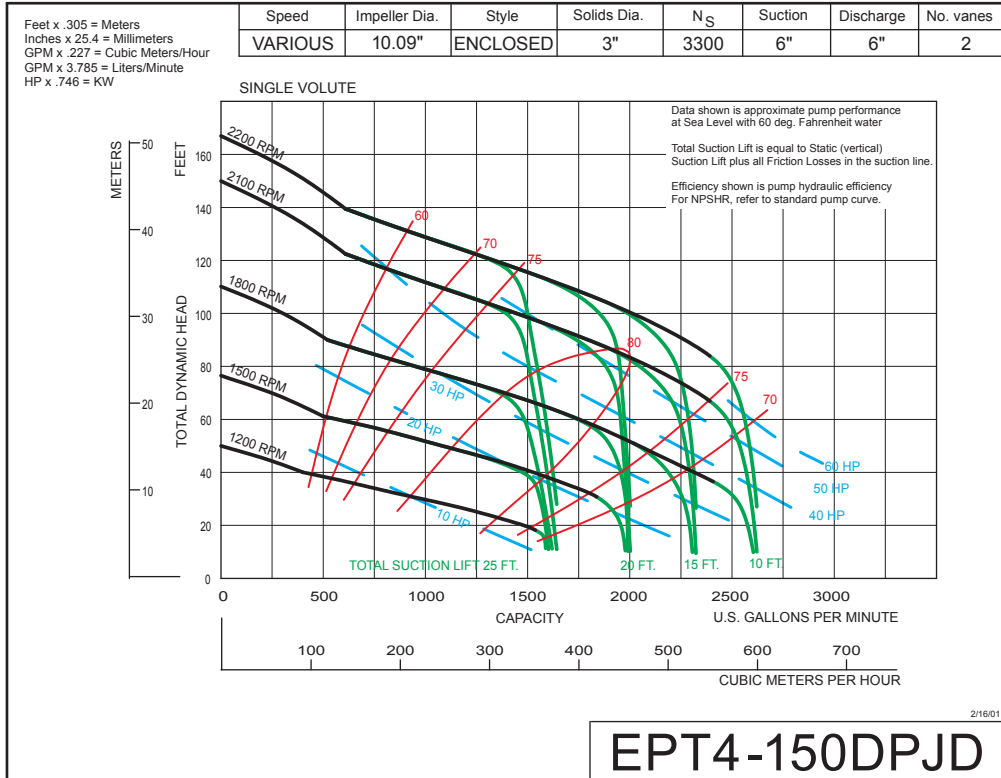
- Pump size: 6"X 6" AISI 150# flanges standard
  - Suction Cover: ASTM A48 class 30 gray iron
  - Wear Ring: ASTM A48 class 30 gray iron
  - Volute Casing: ASTM A48 class 30 gray iron
  - Volute Cleanout: Handhole type, ASTM A48 class 30 gray iron
  - Backplate: ASTM A48 class 30 gray iron
  - Bracket: ASTM A48 class 30 gray iron
  - Mechanical Seal: Tungsten vs. Silicon Carbide seal faces, Viton elastomers, 300 series stainless steel hardware & spring, seal system designed for dry running
  - Impeller: Enclosed type, two port, non clog, w/3 inch spherical solids handling capability. ASTM A48 class 30 gray iron
  - Bearing Housing: ASTM A48 class 30 gray iron
  - Pump-end Bearing: Single row ball – 6313-C3
  - Drive-end Bearing: Single row ball – 6313-C3
  - Shaft: 1144 Stressproof steel (Other metals available including: 17-4 PH corrosion resistant)
  - Lip Seals: CR type, single lip: Bearings, SAE cover - Buna-N, Seal gland – Viton
  - Midland 1300 series compressor. Lubricated by engine oil and cooled by engine water
  - Separator Spool: Standard steel
  - Air/Water chamber: Chamber designed to separate air and water before entering the pump case
  - Venturi: Constructed of non-corrosive bronze
  - Discharge check valve: Swing type, cast iron w/Buna-N disc (Viton optional)
- \* Optional Equipment and Materials: Stainless Steel, CD4MCU & Ductile Iron

Specifications subject to change without notice

## EPT4-150DPJD • 6 INCH DRY PRIME PUMP

Vacuum Assisted, Engine Driven, Heavy Duty Solids Handling Pump

### Performance Curves



### Dimensions

