



1625 Fullerton Court Glendale Heights, IL 60139 • Tel: 1-888-878-7864 • Fax: 1-630-793-0146 • info@tsurumipump.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 4045TF280 Tier 3
- 80 Intermittent horsepower @ 2400 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

Heavy Duty Prime Assisted Trash Pump

TSURUMI



EPT4-150DPJD: Priming assisted



EPT4-150DPQJD: Sound attenuated priming assisted



EPT4-150DPSJD: Skid mount priming assisted

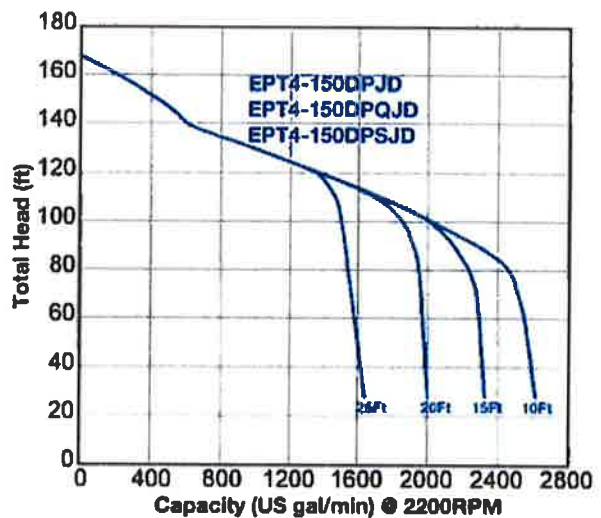
Material

Impeller Type:	Fully Enclosed
Impeller Material:	Cast Iron
Volute Casing Material:	Cast Iron
Wear Plate / Ring Material:	Cast Iron
Pump Casing Material:	Cast Iron
Shaft Seal:	Tungsten Carbide Silicone Carbide

EPT4-150DP(Q)(S)JD Features

- Prime assisted pump utilizes venturi system for priming.
- John Deere diesel engine, and water cooled.
- Passes 3 inch spherical solids.
- Mechanical seal is tungsten and silicon carbide seal faces, viton elastomers, 303 stainless steel hardware and spring. Seal system designed for dry running.
- Heavy duty road trailer.
- EPT4-150DPQJD: Capable of quiet operation.

Performance Curve



EPT4 SERIES

Model	PUMP SPECIFICATIONS				ENGINE SPECIFICATIONS				DIMENSIONS			
	Discharge Size (inch)	Maximum Capacity (gpm)	Maximum Head (feet)	Engine	Output (hp)	Fuel	Fuel Tank Capacity (gal)	Starting Method	Length (inch)	Width (inch)	Height (inch)	Weight (lbs.)
EPT4-150DPJD Standard				John Deere			60		136 1/2	67	87 7/8	3360
EPT4-150DPQJD Sound Attenuated	6	2400	160	4045TF290	74	Diesel	130	Electric, 12V	161 1/2	76 1/8	79 13/16	4800
EPT4-150DPSJD Skid Mount							120		100	42	49 1/2	2900