

50TJ3-D

DIESEL DRIVEN PUMPING SYSTEM

Standard Equipment

- **JETECH® Model 50TJ3 Triplex Pump** fitted with JETECH® “AD” Liquid End and plunger size of your choosing
 - See 50TJ3 Pump page for details
- **Cummins** industrial diesel engine power unit model QSB3.3 or equal.
 - Includes the latest in engine monitoring and safety
 - Electronic dial throttle for precise adjustment
 - Control panel (securable) located away from high pressure connections for enhanced safety
- **Pump Protection Package**-protecting the unit by monitoring the pump system through a series of sensors and safely shuts down the system before damage occurs;
 - Low water level in inlet tank
 - Low inlet water pressure to High Pressure Pump
 - Low Power Frame oil pressure
 - High Power Frame oil temperature
- **PTO Clutch**
 - Manually operated
- **Direct connected flexible coupling**
 - Connecting PTO and pump pinion shafts
 - Coupling guard
- **40-gallon (150-liter) diesel fuel tank**
 - 12 ga. Steel construction.
 - Eight hour run time
 - Easy read level gauge
 - Fused fill cap
- **Pressure gauge**-2X operating pressure
 - liquid-filled
 - Easy-read dial face
- **Rupture disc** over-pressure protection assembly
 - Safety for your crew
- **Suction water supply tank** 25-gallon (95-liter) mounted over pump
 - Ensuring supply is free of air (a high pressure pumps worst enemy)
 - Level control by float valve
- **Centrifugal Charge pump**
 - Ensuring consistent inlet pressure to High Pressure Pump
 - Driven from PTO
- **Cartridge filter unit**-Stainless/Bronze construction (noncorrosive)
 - 5-micron filter cartridge
 - Isolation valve
 - Pressure gauge before and after filter for quick monitoring of filter fouling
- **Stainless Steel suction system** (Double feed on H model, Single feed on UH model)
 - Double feed slows the water in the plumbing reducing turbulence
 - Stainless Steel after the filter to help prevent contamination
- **Plunger cooling water manifold** with flow control valve
 - Cooling the plungers greatly increases packing life
- **Power-end lube oil cooler**
 - Water to Oil type heat exchanger
 - Allowing extreme conditions
 - Increasing bearing and component life
- **Fabricated steel skid**
 - Heavy duty structural steel construction
 - Fork-lift pockets for secure lifting and moving
- **Painted**-Jetech red



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Optional Equipment

- **Trailer (shown)**
 - Single Axle (Dual axle option shown)
 - 2-5/16 Ball hitch
 - Sealed beam style lighting
 - Full Deck plating
- **Lift Frame (shown)**
 - Four point lift
 - Cover for unit
- **Actuated PTO**
 - Hydraulic
 - Pneumatic (requires Compressor)
- **Air Compressor-Engine Mounted (shown)**
 - Turbo Charged-High Output
 - Governed
 - 5 gal. air tank
 - System safety relief valve
- **Hydraulic Pump-Engine Mounted**
 - Includes 10 gallon oil supply tank
 - Suction Screen
 - Return filter
- **Stabilizing stands**
 - For added stability
- **Enclosure-Protective (shown)**
 - Added security
 - Protection from the elements
- **Enclosure-Sound dampening**
 - Greatly reduce operating noise
 - Added protection and security
- **Electronic Pressure Gauge**
 - Remote easy-read LED display
- **Dual filters**
 - In parallel for changing filter while running
 - In series for added filtration when needed
- **Automatic Throttle Control**
 - Fully electronic-no springs or high pressure hoses
 - Returns engine to idle when not jetting
 - Saves Energy, Fuel, Wear on components
- **Plunger cooling water return system**
 - Returns cooling water to inlet tank
 - Reduces water consumption/waste