



Test Pump

Challenger Model T-31



Standard Components

- Caterpillar Diesel Engine:
300 hp @ 1850 rpm
Up to 7,500' elevation without deration
- Wheatley-Gaso HP250H Triplex Piston Pump
2.125 inch diameter plungers
7.125 inch stroke
- Skid Mounted

- Engine includes:**
- Electric start
 - Alternator & batteries
 - Twin Disc clutch
 - 60 gallon fuel tank

- Pump Includes:**
- 4.0 inch 300 lbs. ANSI on suction port
 - 2.5 inch 8,000 lbs. WN on discharge port
 - Cast forged fluid end
 - 5,000 psi liquid filled pressure gauge
 - 6,000 psi adjustable pressure relief valve
 - Stroke counter
 - Input strainer/filter

PERFORMANCE	
120 GPM @ 3,940 psi (max.)	(27 m ³ /hr. @ 271 bar)
2.125 inch plunger	0.3282 gallon per revolution
165 GPM @ 2,950 psi (max.)	(37 m ³ /hr. @ 203 bar)
2.500 inch plunger	0.4542 gallon per revolution

Note: Above pump pictured with full weather cover and additional flanges and filters (as options).

Dimensions	
Length	14 ft.
Width	7 ft. 5 inches
Height	5 ft. 5 inches
Weight	12,500 pounds

Options	
Pressure Recorder	Trailer Mounting
Temperature Recorder	Full cage with lifting bale
Dead weight tester	Additional flanges and filters
Full weather cover	