



Hydrostatic Testing Unit 350 / 500 with Deutz Engine

Ease of Operation, both the HTU 350 and HTU 500 are designed to fill and test pipelines using a single power source. The HTU 350 generates up to 350 feet of head at 600 gpm while the HTU 500 generates up to 500 feet of head at 800 gpm, and the test pump output can go up to 3,205 psi at 23 gpm.

High Flow Centrifugal Fill Pump with inlet suction strainer and a butterfly valve on the outlet to facilitate priming and flow regulation

High Pressure Triplex Test Pump with super-charged inlet and pulsation dampener for smooth operation

High Pressure Check Valve which allows automatic switchover function from fill to test

Enclosed Diesel Engine Power Pack with manual clutch engagement PTO

Fully Equipped Tandem Axle Trailer with leveling jacks and lifting lug

Operator's Control Station includes engine controls and gauge displays along with a Digital Stroke Counter which displays the total pump strokes and stroke rate of the triplex pump

Drain Valves to release pressure and drain fluid from system

20ft Suction Hose with foot-valve and quick connect



**High Pressure
Triplex Pump**



**Operator's Control
Station**

Contact Us Today at **1-855-955-CCIS (2247)** or Visit **CrossCountryIS.com**

HTU Specifications

Engine	350/500
Type of Cooling	Liquid Cooled
Cylinders	6
Displacement	369 in3 (6.06 l)
Maximum Rated speed	2500 rpm (factory set @ 2,200 Max rpm)
Power Rating @ 2,500 rpm	207 hp (155 kw)
Maximum Torque @ 1,500 rpm	548 lbft (743 nm)
Minimum Idle speed	800 rpm
specific fuel Consumption	0.332 lb/hph (202 g/kwh), Approx. 10 hrs/tank
Voltage	12V
Mechanical Power Take-off, Heavy Duty	Manual

Fill Pump	350	500
Type	Centrifugal, single stage	Centrifugal, Multi stage
Liquid	water	
flow at Maximum Efficiency (nPsHR @ 8.2 ft)	1,100 gpm	800 gpm
shut off Head	350 ft	500 ft

Test Pump	350/500
Type	Triplex Plunger Pump
Plunger size	1-1/4 in (31.7 mm)
Maximum Pressure	3,205 psi (221 bar)
Displacement Volume @ 420 rpm	23 gpm (89 lpm)
Minimum Allowable speed	50 rpm
Maximum Continuous speed	420 rpm
Maximum Intermittent speed	460 rpm
Displacement	0.0558 Us gpm/rpm (0.2112 lpm/rpm)
Displacement/stroke	0.0186 Us gpm/stroke

Trailer		350/500		Connections		350/500	
Type	10,000 lb Utility Trailer, Tandem Axle	suction	6"x 150 lb flange w/ 20 ft suction Hose & foot valve	Discharge	4"x 900 lb Ansl flange	Fuel	
Brakes	Electric on all wheels	Fuel		Diesel	75 gal (284 l)	Weight/Size	
wheels	6"x 15", 6-Hole, single	Trailer Model	7,800 lb (3,538 kg)	Skid Mounted	7,500 lb (3,402 kg)	Trailer Model	
Tires	sT225/75R 15 LR D	Trailer Model	96"w x 204"L x 107"H	Skid Mounted	96"w x 204"L x 73"H	Skid Mounted	
Ball Coupler	2-5/16" Adjustable	Trailer Model		96"w x 204"L x 107"H			
safety Chains	(2) 5/16"x12" L w/ safety Hooks	Trailer Model		96"w x 204"L x 73"H			
Leveling Jacks	(2) 5K side winds, swivel Type	Trailer Model		96"w x 204"L x 73"H			
Lights andwiring	Running and Tail Lights with 7-way RV Plug	Trailer Model		96"w x 204"L x 73"H			
Accessories	spare Tire, sT225 Mounted on 15" Rim	Trailer Model		96"w x 204"L x 73"H			