



# Fill & Test Pump

## Challenger Model FT-86



### Standard Components

- **Caterpillar C 6.6 or 3056TA Diesel Engine:**  
165-200 hp
- **Wheatley-Gaso T365H Triplex Piston Pump**  
1.0 inch diameter plungers
- **Peerless 6AE12 Centrifugal Pump**  
Single stage
- **60 Gallon Fuel Tank**
- **Skid Mounted—8 inch wide Flange I Beam Engine includes:**
  - Electric start, alternator & batteries.
  - Murphy Instrument panel.
  - Twin Disc power take-off
  - Automatic shut-offs for high water temp/low oil pressure
- **Triplex Piston Pump Includes:**
  - 1.5 inch NPT female connection on suction port.
  - 1.0 inch NPT female connection on discharge port.
  - Stainless steel fluid end.
  - Stroke counter.
- **Centrifugal Pump Includes:**
  - 15 inch impeller, 6 inch suction, 4 inch discharge.
  - Double suction/dual volute and horizontally split casing for long life and ease of maintenance.

### PERFORMANCE—TEST

- 15.4 GPM @ 6,060 psi (max.)  
(3.5 m<sup>3</sup>/hr. @ 471.9 bar)  
.75 inch plunger
- 8.4 GPM @ 10,000 psi (max.)  
(1.9 m<sup>3</sup>/hr. @ 689.7 bar)  
.75 inch plunger

### PERFORMANCE—FILL

- 1,600 GPM @ 167 feet of head  
(362 m<sup>3</sup>/hr.)
- 800 GPM @ 224 feet of head  
(182 m<sup>3</sup>/hr.)

### OPTIONS

- Pressure and temperature recorder
- Dead Weight Tester
- High head fill pump
- Trailer Mounted

### Dimensions

Length	118 inches	2,997 mm
Width	86 inches	2184 mm
Height	57 inches	1,448 mm
	(exhaust pipe & muffler removed)	
Weight	5,600 pounds	2,540 kg

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