

# Fill & Test Pump

## Challenger Model FT-535



### Standard Components

- **Caterpillar C6.6 Diesel Engine:**  
165-200 hp
- **Kerr KT-3 400 XP Triplex Piston Pump**  
1 1/2 inch diameter plungers
- **Pioneer SC53C14 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 1/2 inch plungers for 3,600 psi

—3.0 inch NPT female connection on suction port.

—2.0 inch NPT female connection on discharge port.

—Ductile iron fluid end.

—Stroke counter.

**Centrifugal Pump Includes:**

—14 inch impeller, 5 inch suction, 3 inch discharge.

—Enclosed type five vane with AISI 150# flanges.

—Capable of handling solids up to .5 inch.

—Run-dry option

### PERFORMANCE—TEST

- 31.2 GPM @ 3,600 psi (max.)  
(7.10 m<sup>3</sup>/hr. @ 248 bar)  
1 1/2 inch plunger
- 70 GPM @ 1,900 psi (max.)  
(15.9 m<sup>3</sup>/hr. @ 131 bar)  
2.25 inch plunger

### PERFORMANCE—FILL

- 500 GPM @ 231 feet of head (100 PSI)  
(113.6 m<sup>3</sup>/hr.)
- 750 GPM @ 120 feet of head (52 PSI)  
(170 m<sup>3</sup>/hr.)

### OPTIONS

- Pressure and temperature**
- Dead Weight Tester**
- High head fill pump**
- Trailer Mounting**
- Tulsa B50 Triplex Piston Pump**

### 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
Cubic Volume	334 cu. ft.	9.5 cu. meters