

- ✦ Capable of flow rates up to 13 bpm / 546 gpm / 2,050 lpm
- ✦ Capable of pressures over 5,000 psi / 345 bar
- ✦ Field proven & durable 500 hp Detroit Diesel 8V-92TA engine



Operation / Service

- General pumping
- High pressure well kill
- Fracturing / Stimulation

Safety / Environmental

Rigsafe specification, supplied c/w:

- Emergency Stop
- Sentinel Shutdown Shutoff System – shuts off fuel supply in event of loss of oil pressure
- Pressure Relief Valve supplied as standard
- Chalwyn Engine Overspeed Shutdown Valve
- Soundproofed engine enclosure

Triplex pump

Weir SPM TWS600S triplex pump supplied with 4-1/2" plungers capable of pressures up to 5k psi and flow rates up to 13bpm.

Charge Pump

Hydraulically driven Gardner Denver 4x5 centrifugal pump for triplex suction charge.

Drivetrain

- Detroit Diesel 8V-92TA (500 hp @ 2100 rpm)
- Pneumatic starter
- 5 speed powershift Allison 6061 transmission
- Pneumatic / mechanical control & shutdown system

Control panel

Engraved stainless-steel control panel comprising central control of engine and transmission, and display of flow rate, pressure, and temperature gauges.

Weight

Unit weight: 15,000 kg

Dimensions

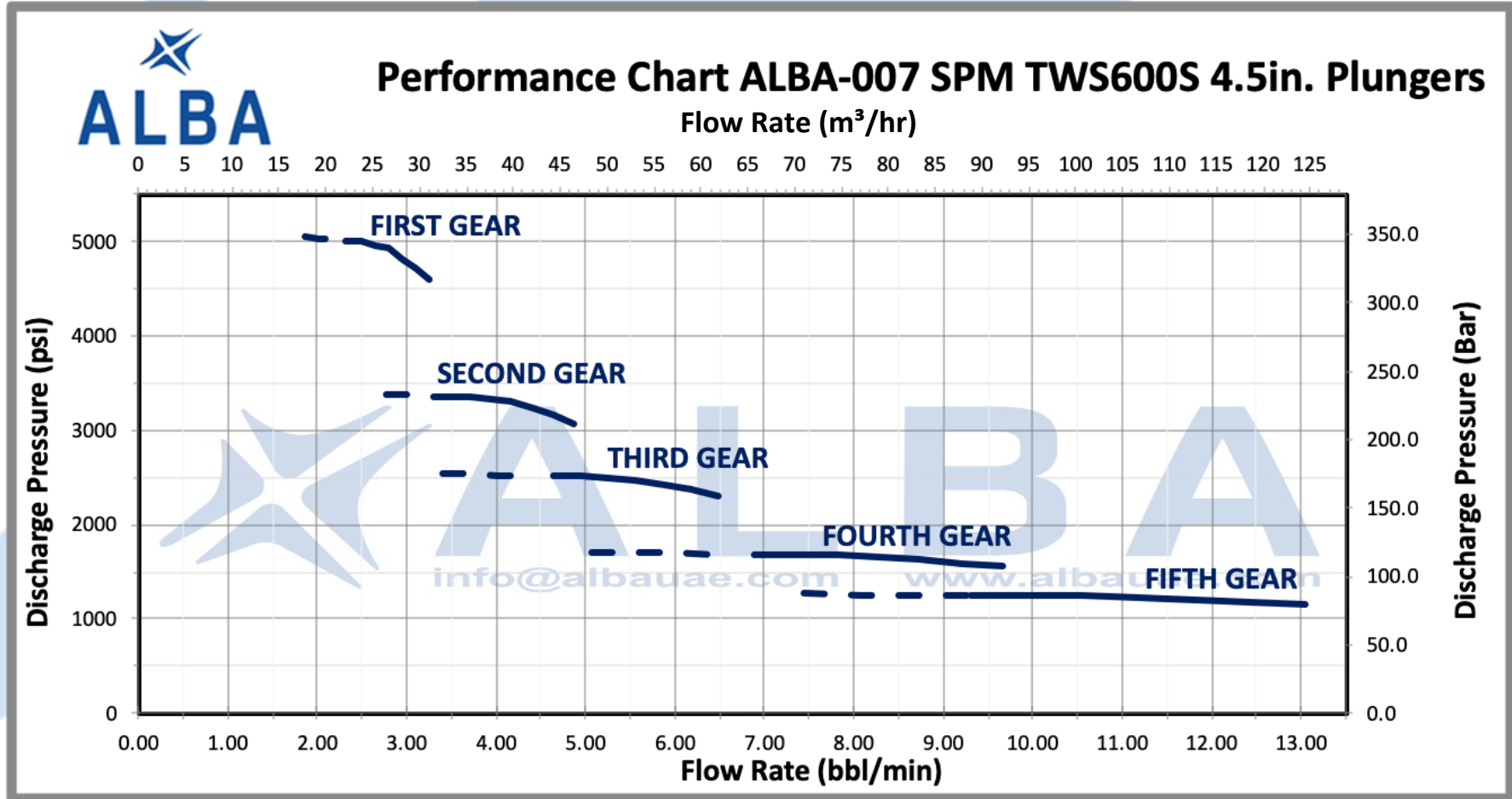
Length: 6,100 mm
Width: 2,438 mm
Height: 2,480mm

Ambient temperature

0 - 50°C (32 - 122°F)

Fuel consumption

0.5 gpm at full load.
Fuel tank capacity suitable for 8 hours operation at full load.



Note: Flow rates and pressures based on 100% volumetric efficiency and 90% mechanical efficiency. Solid line denotes approximate lock-up operation range (lock-up range is variable). Operation in lock-up is recommended.