



# HPT75-B18

## Trans-Portable Pumps

### Features and Benefits

*Configured for full portable applications*

*Built-in exhaust priming system. Fast acting and non-freezing*

*Rotating Discharge Valve — Quick and easy hose layout.*

*High pump efficiency. Close tolerance machining of impeller and wear rings assures highest efficiency*

*Easy pump maintenance. Pump body and head are coupled together with a stainless steel band clamp which allows quick pump removal for servicing*

*Briggs & Stratton Vanguard Engine—Quiet and powerful.*

The HPT75-B18 series Trans-Portable pump line is the newest, most exciting development in portable pumps in years. Innovative features have been engineered to provide unparalleled performance and ease of operation. Computer-aided pump design precisely matches the HP series pump ends to the Briggs and Stratton



### PERFORMANCE RATINGS

135 GPM @ 50 PSI  
110 GPM @ 150 PSI

50 GPM @ 150 PSI  
25 GPM @ 300 PSI

Vanguard series engine. This allows for maximum pump performance at designed flow ranges.

The Trans-Portable version is compact and lightweight. The pumping unit is mounted on a steel skid base. The pump is equipped with four handles to provide for two man portability. The remote fuel tank provides 3 gallons (12 liters) of fuel and will permit the pump to run for two hours under normal operating conditions.

Power is provided by the respected Briggs and Stratton Vanguard engine.

The Vanguard power comes from a reliable state-of-the-art, air cooled, 18 BHP, V-twin, Overhead Valve (OHV) engine. The overhead valve design delivers more power than conventionally designed side-valve engines. It has an electric start with recoil backup to ensure starting under all conditions. All these exciting features come in a convenient compact design.

Every detail and feature of the HP Trans-Portable series has been carefully designed and built for years of operation.

**EQUIPMENT SPECIFICATIONS PUMP**

**Type:** Attack pump

**Frame:** Steel tubing with handles

**Suction Connection:** 2 inch NPT female

**Discharge Connection:** 1-1/2 inch NST Male screw type valve. Swivels 175 degrees for ease of hose layout.

**NOTE:** Suction and discharge connection thread sizes for standard unit. Consult Hale Sales Representative for a full range of factory installed adapters to meet individual user needs.

**Body and Volute:** Aluminum with baked powder coat finish.

**Impeller:** 4-7/8 inches (123.83 mm) Silicon Bronze.

**Pump Shaft:** Engine Shaft with Bronze Sleeve

**Bearing:** Ball Type

**Priming:** Exhaust Venturi; 20 inches (508 mm) HG.

**Maximum Flow:** 135 GPM (510 LPM) @ 50 PSI (3.2 BAR).

**Maximum Pressure:** 340 PSI (23.5 BAR).

**Weight:** 159 pounds (72 KG).

**Length:** 27-5/8 inches (702 mm)

**Width:** 19-1/4 inches (489 mm)

**Height:** 20-1/4 inches (514 mm).

**INSTRUMENTATION**

- Throttle level
- Priming control
- Master On/Off Switch
- Start Push-Button
- Choke Control
- Low Oil Pressure Warning Light

**Discharge Gauge:** 2-1/2 inches (63.5 mm) Dia. Glycerine filled, 0 to 400 PSI (0 to 28 BAR).

**AVAILABLE OPTIONS**

- Suction Adapters
- Discharge Adapters
- TRV-120-P Thermal Relief Valve for portable pumps.
- Protective pump coating for seawater applications.

**ENGINE (Battery Included)**

**Make:** Briggs and Stratton Vanguard™.

**Model:** 350400 Series.

**Type:** Horizontal shaft, air cooled, V-twin OHV.

**Horsepower:** 18 BHP (13.4 kW) at 4000 RPM.

**Torque:** 30 foot pound (40.7 N-M). Maximum stroke at 2600 RPM.

**Bore x Stroke:** 2.83 x 2-3/4 inches (72 x 77 mm).

**Displacement:** 34-3/4 cubic inches (570 cc).

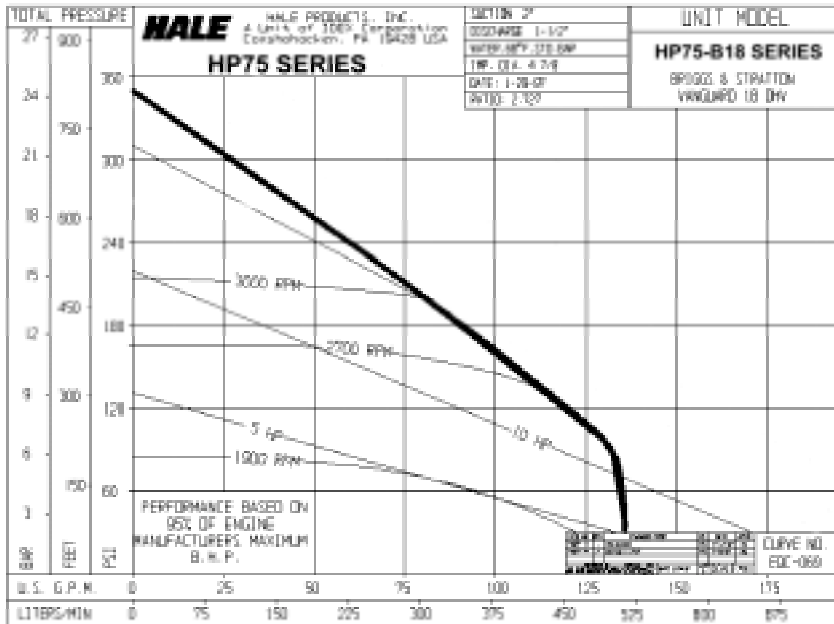
**Oil Capacity:** 3.0 pint (1.4 liter).

**Fuel Tank:** Steel

**Fuel Capacity:** 3 gallons (12 liters) 2 hours running time.

**Electrical:** 16 AMP alternator.

**Emissions:** Meets 1994 California Air Resources Board Standards.



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