



HPT400-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 HPT400-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 Vanguard series engine. This



PERFORMANCE RATINGS

500 GPM @ 25 PSI
320 GPM @ 50 PSI

210 GPM @ 75 PSI
95 GPM @ 100 PSI

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: Transfer Pump

Frame: Steel tubing with handles

Suction Connection: 3 inch NPT Female, 4 inch Victaulic

Discharge Connection: (2) 2-1/2 inch NST Males. 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: 7-1/4 inches (184.15 mm) Silicon Bronze.

Pump Shaft: Engine shaft with bronze sleeve

Bearing: Ball Type

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

Maximum Flow: 500 GPM (1893 LPM) @ 20 PSI (1.4 BAR).

Maximum Pressure: 100 PSI (7 BAR).

Weight: 154 pounds (70 KG).

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

Width: 19.25 inches (489 mm)

Height: 20.25 inches (514 mm).

INSTRUMENTATION

Throttle level

Priming lever

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).

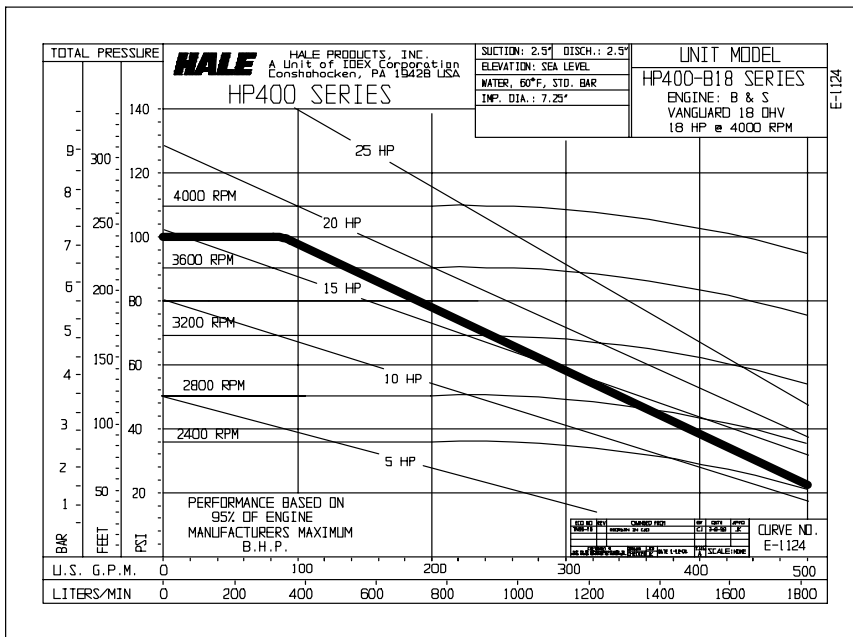
Oil Capacity: 3.0 pint (1.4 liter).

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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