



# MAXSTREAM SERIES

## Slip On Pumps - HPX100-B18

### Features and Benefits

**"X" Version — Configured for installation by truck builders**

**Exclusive Band Clamp Design — Quick and easy access for maintenance and repairs**

**Full Instrumentation — Instrument panel shipped loose for remote mounting**

**Superior Performance—High pump efficiency.**

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



*Shown with optional base fuel tank*

The HPX100-B18 MaxStream series pump is the newest, most exciting development in slip on pumps in years. Innovative features have been engineered to provide unparalleled performance and ease of operation.

The MaxStream model configuration is an ideal product for OEM installation. The pumping unit is attached to a steel skid plate base that can be easily mounted into any vehicle. The rail base includes all required hardware and vibration isolators. A remote instrument panel with mounted single discharge gauge and engine controls is included as standard. The suction connection has a two inch female NPT and a inch and a half NPT discharge.

### PERFORMANCE RATINGS

155 GPM @ 50 PSI  
100 GPM @ 150 PSI

65 GPM @ 200 PSI  
15 GPM @ 275 PSI

Priming is located at the eye of the impeller for faster priming and increased lifts.

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.

The HP MaxStream series pump also features Hale's exclusive band clamp design for quick and easy access for maintenance and repair. A bronze impeller and replaceable bronze wear rings are housed in a high strength, lightweight aluminum alloy pump housing. The unit features a self-adjusting, self-lubricating mechanical pump seal.

Every detail and feature of the HP MaxStream series has been carefully designed and built for years of operation

**EQUIPMENT SPECIFICATIONS**

**Type:** Attack pump  
**Suction Connection:** 2 inch NPT Female  
**Discharge Connection:** 1-1/2 inch NPT female.  
**Body and Volute:** Aluminum.  
**Impeller:** 4-7/8 inches (123.83 mm) silicon bronze.  
**Pump Shaft:** Engine shaft with bronze sleeve.  
**Priming:** Exhaust Venturi; 20 inches (508 mm) HG.  
**Maximum Flow:** 150 GPM (568 LPM) @ 50 PSI (3.5 BAR).  
**Maximum Pressure:** 290 PSI (20 BAR).  
**Weight:** 157 pounds (71 kg).  
**Length:** 21 inches (533 mm).  
**Width:** 18 inches (457 mm).  
**Height:** 20 inches (508 mm).

**INSTRUMENTATION**

Throttle level.  
 Priming controls.  
 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).

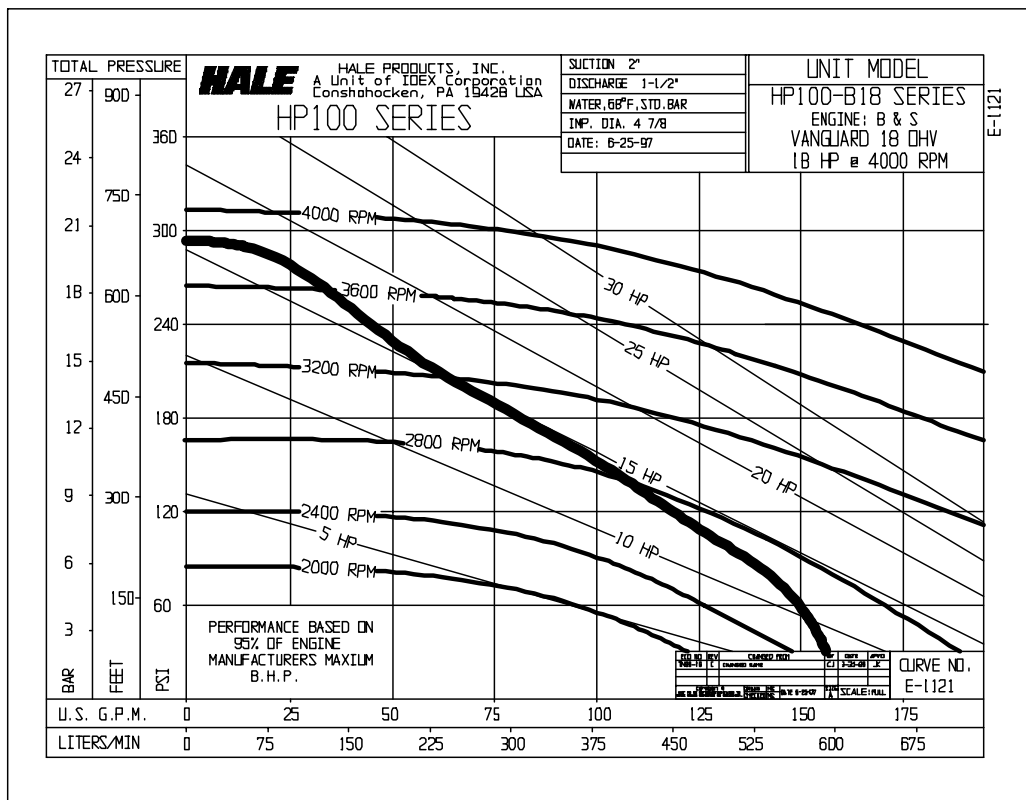
**AVAILABLE OPTIONS**

Suction Adapters  
 Discharge Adapters  
 Hourmeter  
 New exhaust elbow kit for "X" unit  
 New remote instrument panel mounting bracket  
 Protective pump coating for seawater applications  
 Deluxe instrument panel with two gauges  
 Base fuel tank

Exhaust blanket  
 Thermal Relief Valve

**ENGINE**

**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).  
**Optional Fuel Tank:** Cross linked Polyethylene.  
**Electrical:** 16 AMP alternator.  
**Emissions:** Meets 1994 California Air Resources Board Standards.



**Hale Products**  
 A Unit of IDEX Corp.  
 700 Spring Mill Avenue  
 Conshohocken, PA 19428  
 TEL: 610/825-6300  
 FAX: 610/825-9615  
 www.haleproducts.com

**Hale Products Europe**  
 Charles Street  
 Warwick, CV34 5LR  
 England  
 TEL: (44) 01926 623600  
 FAX: (44) 01926 623666  
 www.haleeurope.com

**Hale Products Europe GmbH**  
 Industriegebiet-Nord  
 Benzstrasse 4  
 64807 Dieburg Germany  
 TEL: (49) 06071 /92665  
 FAX: (49) 06071 / 926677

**Hale Products Asia**  
 Singapore Rep. Office  
 63 Hillview Ave. #07-08  
 Lam Soom Industrial Bldg.  
 Singapore 669569  
 TEL: (65) 764-3575  
 FAX: (65) 764-4020

Note: Hale Products Inc. cannot assume responsibility for product failure resulting from improper maintenance or operation. Hale is responsible only to the limits stated in the product warranty. Product specifications contained in this material are subject to change without notice. Printed in U.S.A. Bulletin 839 7/00 Rev 1 © 2000, Hale Products Inc.

