**2” & 3” Engine Driven Self-Primining Trash Pumps**

- Cast Aluminum with Cast Iron Wearparts
- Silicon Carbide/Viton® Mechanical Seal
- EPDM/EPR O-Rings Standard with Optional Viton®
- 2” or 3” Removable Male NPT Suction and Discharge Ports
- Discharge Rotates in 90° Increments
- Engine Options: Honda, B & S Vanguard Gasoline or Hatz Diesel Engines
- Easy Clean Out with One Tool Serviceability
- Maximum Solids Handling up to 1-1/4”
- Maximum Flow up to 290 GPM
- Maximum Head up to 125 Ft.
- Self-Priming to 26 Ft.
- Wheel Kit Optional

IPT Portable High Volume, Self-priming Centrifugal Trash pumps come standard with a cast iron impeller to resist abrasion and one tool serviceability for easy cleanout. All pumps feature aluminum housing, cast iron wearparts, built-in check valve, suction strainer and heavy duty steel roll frame. Heavy duty cast iron flanges with male NPT threads that rotates in 90° increments. Easy access fill plug on discharge port.

![Performance of Engine Driven Self-Priming Trash Pumps](chart.png)
Engine Driven Self-Priming Trash Pumps

2" Trash Pumps

<table>
<thead>
<tr>
<th>Model</th>
<th>HP Class</th>
<th>Curve</th>
<th>Port</th>
<th>Driver</th>
<th>Seal</th>
<th>Run Time (Hours)</th>
<th>Tank Size (Gal/Ltr.)</th>
<th>Ship Wt. (Lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2S5XAR</td>
<td>5 HP</td>
<td>A</td>
<td>2&quot; NPT</td>
<td>B &amp; S Vanguard*</td>
<td>Viton®/SIC-SIC</td>
<td>1.3</td>
<td>0.87/3.3</td>
<td>90</td>
</tr>
<tr>
<td>2S5XHR</td>
<td>5 HP</td>
<td>A</td>
<td>2&quot; NPT</td>
<td>Honda GX160®</td>
<td>Viton®/SIC-SIC</td>
<td>2.0</td>
<td>0.82/3.1</td>
<td>90</td>
</tr>
<tr>
<td>2S5XHR</td>
<td>5 HP</td>
<td>A</td>
<td>2&quot; NPT</td>
<td>Hatz Diesel 1B30</td>
<td>Viton®/SIC-SIC</td>
<td>2.7</td>
<td>1.32/5.0</td>
<td>130</td>
</tr>
</tbody>
</table>

Construction: Cast Aluminum with Cast Iron Components
*HP Class represents market category and is not intended to define actual horsepower.

3" Trash Pumps

<table>
<thead>
<tr>
<th>Model</th>
<th>HP Class</th>
<th>Curve</th>
<th>Port</th>
<th>Driver</th>
<th>Seal</th>
<th>Run Time (Hours)</th>
<th>Tank Size (Gal/Ltr.)</th>
<th>Ship Wt. (Lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3S5XAR</td>
<td>5 HP</td>
<td>B</td>
<td>3&quot; NPT</td>
<td>B &amp; S Vanguard*</td>
<td>Viton®/SIC-SIC</td>
<td>1.3</td>
<td>0.87/3.3</td>
<td>100</td>
</tr>
<tr>
<td>3S5XHR</td>
<td>5 HP</td>
<td>B</td>
<td>3&quot; NPT</td>
<td>Honda GX200®</td>
<td>Viton®/SIC-SIC</td>
<td>2.5</td>
<td>0.82/3.1</td>
<td>100</td>
</tr>
<tr>
<td>3S5XHR</td>
<td>5 HP</td>
<td>B</td>
<td>3&quot; NPT</td>
<td>Hatz Diesel 1B30</td>
<td>Viton®/SIC-SIC</td>
<td>2.7</td>
<td>0.79/3.0</td>
<td>135</td>
</tr>
</tbody>
</table>

Construction: Cast Aluminum with Cast Iron Components
*HP Class represents market category and is not intended to define actual horsepower.

5/8" Threaded Pump Kit - Cast Aluminum

<table>
<thead>
<tr>
<th>Model</th>
<th>Seal Type &amp; Elastomer/Faces Mounting</th>
<th>Ship Wt. (Lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2S5X</td>
<td>Viton®/SIC-SIC Handle</td>
<td>40</td>
</tr>
<tr>
<td>3S5X</td>
<td>Viton®/SIC-SIC Handle</td>
<td>45</td>
</tr>
</tbody>
</table>

(*Standard NPT (Male) Pipe Thread.
(**) This dimension may vary due to engine manufacturer’s specifications.
NOTE: Dimensions are in inches (centimeters) and have a tolerance of ± 1/8".

Maximum Solids Handling Capacity: 1" Diameter

Standard Features

- Cast Iron Impeller
- One Tool Serviceability Tool Included with Engine Driven Models
- Silicon Carbide Mechanical Seal with Graphite Impregnated Seat and Viton® Elastomers
- Heavy Duty Steel Roll Frame and Strainer Included
- Built-in EPDM/EPR Check Valve
- Removable/Replaceable Cast Iron Suction/Discharge Ports
- Discharge Port Rotates in 90° Increments
- Choice of Honda, B & S Vanguard Gasoline or Hatz Diesel Engine
- Vibration Dampening Feet
- Maximum Temperature 180° F
- Optional Viton® O-ring / Check Valve Available
- Pedestal Version Available
- Optional Wheel Kit Available
- QSP – Quick Ship Pumps for Many Models

Manufacturer of AMT & IPT Pumps
400 Spring Street • Royersford, PA 19468 USA
www.amtpump.com • 888-amt-pump (268-7867)

AMT® A Gorman-Rupp Company

The Gorman-Rupp Company reserves the right to discontinue any model or change specifications at any time without incurring any obligation. ©2012 American Machine and Tool Company. All rights reserved.

ENG-14