TYPICAL APPLICATIONS

HV SERIES

For small presses requiring flow rates 1 GPM or less. Viscosities up to 30 sec., No. 2 Zahn.

Standard Features:
• High strength thermoplastic pump body
• Stainless steel shaft
• Ball valve and 1/2" slip-on barb on discharge tube
• Agitor jet for in-tank agitation. (Agitor port may be plugged if agitation is not desired)
• 1 or 2 gallon flanged lid with 3/4" hole for return hose

Motor Options:
• 1/15 HP, 3000 RPM electric
• Variable speed air motor, 0-3000 RPM
• 1/8 HP single phase explosion-proof electric, 3450 RPM

Motor voltage/air options:
• A, B, KA, KB, GAM (#1)

Tank Options:
• 1, 2 gallons
• Plastic or stainless steel

<table>
<thead>
<tr>
<th>Viscosity(sec) / Lift(ft/m)</th>
<th>20</th>
<th>30</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 (92)</td>
<td>0.91 (3.4)</td>
<td>0.83 (3.1)</td>
</tr>
<tr>
<td>4 (1.2)</td>
<td>0.83 (3.1)</td>
<td>0.75 (2.8)</td>
</tr>
<tr>
<td>5 (1.5)</td>
<td>0.73 (2.8)</td>
<td>0.65 (2.5)</td>
</tr>
</tbody>
</table>

HR SERIES

For larger narrow web and envelope presses requiring flow rates up to 2 GPM. Viscosities up to 30 sec., No. 2 Zahn.

Standard Features:
• TEFLON® coated cast iron body
• Stainless steel shaft
• Agitor tube for in-tank agitation
• Discharge 1/2" NPT
• 2 gallon stainless steel tank

Motor Options:
• 1/8 HP, 1725 RPM electric
• 1/8 HP, 1725 RPM explosion-proof electric
• Variable speed air motor

Motor voltage/air options:
• A, B, KA, KB, GAM (#1)

Note: — Dimensions may vary ± one inch because of variations between motor manufacturers. If dimensions are critical, consult factory.
— Dimensions do not include pump handle.

<table>
<thead>
<tr>
<th>Flow Rates</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 (1.52)</td>
</tr>
<tr>
<td>2 Gal. – 9 3/32&quot;</td>
</tr>
</tbody>
</table>

FLOW RATES

Viscosity rated with No. 2 Zahn cup. Pump flow rates measured in gallons per minute GPM/LPM). Flow rates required for chambered doctor blades are usually less than for fountain or two roll systems.