# Power Take-Offs for Volvo I-Shift

## RS4S P81
- Mechanically shifted thru-shaft PTO
- Driveline applications only
- Perfect for blower and vacuum pump applications

<table>
<thead>
<tr>
<th>MAX TORQUE</th>
<th>442 lbs.ft. (599 Nm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAX HP (@ 1,000 RPM)</td>
<td>84 HP (62 kW)</td>
</tr>
</tbody>
</table>

**Model Configurations**
- RS4S-P81V8-P1CX for 1310 Companion Flange Output

## RS4S P86
- Mechanically shifted two gear PTO
- Provides clearance for direct mount pumps
- Available in multiple output ratios
- Perfect for end dump and other direct mount pump applications

<table>
<thead>
<tr>
<th>MAX TORQUE</th>
<th>369 lbs.ft. (500 Nm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAX HP (@ 1,000 RPM)</td>
<td>70 HP (52 kW)</td>
</tr>
</tbody>
</table>

**Model Configurations**
- RS4S-P86V*-P1CX for 1310 Companion Flange Output
- RS4S-P86V*-P1IX for DIN 5462-Spline Pump Mount
- RS4S-P86V*-P1KX for SAE "B" ¾*-13T Spline Pump mount

## RS4S P93
- Mechanically shifted dual output PTO
- Outputs can be shifted independently
- Perfect for any application requiring multiple PTOs

<table>
<thead>
<tr>
<th>MAX TORQUE</th>
<th>368 lbs.ft. (499 Nm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAX HP (@ 1,000 RPM)</td>
<td>70 HP (52 kW)</td>
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</tbody>
</table>

**Model Configurations**
- RS4S-P93VN-P1CX for 1310 Companion Flange
- RS4S-P93VN-P1IX for DIN 5462-Spline Pump Mount
- RS4S-P93VN-P1KX for SAE "B" ¾*-13T Spline Pump mount
**DIN AND SAE OPTIONS AVAILABLE**

### DIN OUTPUT OPTIONS

**T SERIES** Bent-axis Piston Pump

The T Series is designed for higher operating pressures than traditional gear pumps. Its rugged design allows for high performance and extra-long life.

Model Numbers:
- PT2-047-20NBRR
- PT2-064-20NBRR
- PT2-084-20NBRR
- PT2-108-20NBRR

<table>
<thead>
<tr>
<th>MAX OP. PRESSURE</th>
<th>6,525-5,075 PSI (450-350 BAR)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLOW RATE (@ 1,000 RPM)*</td>
<td>12.4-28.5 GPM (46.9-107.9 LPM)</td>
</tr>
</tbody>
</table>

* Flow rates are theoretical.

### SAE MOUNT OPTIONS

**E SERIES** Dump Pump

Designed for dump applications and feature direct mount options.

- MAX OP. PRESSURE: 
  - E & EH Series: 2,500 PSI (173 BAR)

- FLOW RATE (@ 1,000 RPM)*:
  - E Series: 22.5-27.6 GPM (85.2-104.5 LPM)
  - EH Series: 21.4-28.6 GPM (81.0-108.3 LPM)

**S SERIES** Hoist Pump

Designed for use on small single- or tandem-axle dump trucks.

- MAX OP. PRESSURE: 3,000-2,500 PSI (207-172 BAR)**

- FLOW RATE (@ 1,000 RPM)*: 6.4-17.16 GPM (24.2-65.0 LPM)

* Flow rates are theoretical.

**WET LINE KIT HYDRAULIC SYSTEM**

Muncie Power has been supplying complete systems for end dump applications for five decades. All systems include the dump pump, control console and reservoir. Naturally, Muncie Power has the right power take-off as well as hoses and fittings to complete the installation.

- Reservoirs
- Consoles
- Hose kits
- Filters