Serva TPD 600 Triplex Pumps are used for cementing and acidizing service. Its short length allows back to back placement of two pumps on the unit with less than 102” total width.

TPD 600 Main Specifications

**Power End**
- Rated Max Brake Horsepower: 600
- Maximum Rod Load: 100,000 lbf
- Stroke Length: 6”
- Gear Ratio: 4.6:1
- Plunger: 3” to 4.5”
- Pump Weight: 4,600 lbs

**Power End Features**
- Crankshaft construction
- Pressure lubricated wrist pins through crankshaft
- Ground, honed crosshead guides
- Proprietary crosshead coating
- Left or right gear box mounting
- 16 input drive positions

**Standard Equipment and Features**

**Fluid End**
- Forged alloy steel mono-block fluid end with removable stuffing box
- Valve over valve fluid end
- Left or right side suction and discharge connections
- Suction manifold with Victaulic connections
- Hard coated plungers
- High performance header-ring style packing
- Center-gauge connection
- Fabricated steel suction manifold
- Replaceable alloy steel wing guided valves
- Replaceable urethane valve inserts

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TPD 600 Triplex Pump

The TPD 600 is an industry standard design with a well proven history of performance in mud pumping applications.

### TPD 600 Triplex Pump Intermittent Well Service Ratings

<table>
<thead>
<tr>
<th>Pumping Diameter</th>
<th>Displacement Per Revolution</th>
<th>50</th>
<th>231</th>
<th>110</th>
<th>491</th>
<th>112</th>
<th>510</th>
<th>260</th>
<th>922</th>
<th>350</th>
<th>1614</th>
<th>488</th>
<th>2350</th>
</tr>
</thead>
<tbody>
<tr>
<td>IN (mm)</td>
<td>Gall/Rev (L/Rev)</td>
<td>PSI (Kg/cm²)</td>
<td>GPM (LPM)</td>
<td>PSI (Kg/cm²)</td>
<td>GPM (LPM)</td>
<td>PSI (Kg/cm²)</td>
<td>GPM (LPM)</td>
<td>PSI (Kg/cm²)</td>
<td>GPM (LPM)</td>
<td>PSI (Kg/cm²)</td>
<td>GPM (LPM)</td>
<td>PSI (Kg/cm²)</td>
<td>GPM (LPM)</td>
</tr>
<tr>
<td>3.5 (89.9)</td>
<td>0.55 (2.1)</td>
<td>26 (150)</td>
<td>15000 (1067)</td>
<td>65 (288)</td>
<td>16000 (1067)</td>
<td>62 (234)</td>
<td>15000 (1067)</td>
<td>110 (417)</td>
<td>6402 (240)</td>
<td>150 (730)</td>
<td>4881 (338)</td>
<td>260 (1017)</td>
<td></td>
</tr>
<tr>
<td>3 (76.2)</td>
<td>0.75 (2.8)</td>
<td>37 (142)</td>
<td>11020 (777)</td>
<td>75 (344)</td>
<td>11020 (777)</td>
<td>84 (318)</td>
<td>11020 (777)</td>
<td>150 (640)</td>
<td>6173 (245)</td>
<td>260 (965)</td>
<td>5527 (349)</td>
<td>360 (1386)</td>
<td></td>
</tr>
<tr>
<td>2.5 (63.5)</td>
<td>0.96 (3.7)</td>
<td>48 (185)</td>
<td>6438 (456)</td>
<td>98 (415)</td>
<td>6438 (456)</td>
<td>116 (461)</td>
<td>6438 (456)</td>
<td>196 (741)</td>
<td>4726 (175)</td>
<td>340 (1297)</td>
<td>2791 (190)</td>
<td>740 (190)</td>
<td></td>
</tr>
<tr>
<td>2 (50.8)</td>
<td>1.24 (4.7)</td>
<td>62 (236)</td>
<td>6667 (470)</td>
<td>124 (606)</td>
<td>6667 (470)</td>
<td>138 (629)</td>
<td>6667 (470)</td>
<td>248 (930)</td>
<td>3734 (283)</td>
<td>434 (1642)</td>
<td>2154 (150)</td>
<td>660 (2299)</td>
<td></td>
</tr>
</tbody>
</table>

**Input Power (HP):**

- 268 (200)
- 530 (400)
- 655 (448)
- 810 (448)
- 930 (448)

(Technical specifications based on BHP NE and 90% VE-Intermittent Service Only.)

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