**GENERAL PUMP**  A member of the Interpump Group

**T Series 47 S**
20 mm bore / 16 mm stroke

**FEATURES**
- The preferred pump frame in the pressure cleaning industry
- Forged brass manifold with an exclusive lifetime warranty (T1011 and TS1021)
- Forged, nickel-plated, brass manifold with an exclusive lifetime warranty (TS2021)
- Large-capacity, die-cast, anodized aluminum oil-bath crankcase
- Over-sized connecting rods for maximum life
- Heavy-duty tapered roller bearing
- Solid ceramic plungers with continuously lubricated packings
- Unitized stainless steel inlet and discharge valves

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Pump Model</th>
<th>T1011</th>
<th>TS1021</th>
<th>TS2021</th>
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</thead>
<tbody>
<tr>
<td>Maximum Volume (GPM)</td>
<td>4.5 / 5.6</td>
<td>4.5 / 5.6</td>
<td>4.5 / 5.6</td>
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<tr>
<td>Maximum Discharge Pressure (PSI)</td>
<td>2000 / 1500</td>
<td>3000 / 1700</td>
<td>3500</td>
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<tr>
<td>Maximum Pump Speed (RPM)</td>
<td>1125 / 1450</td>
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<tr>
<td>Maximum Inlet Pressure</td>
<td></td>
<td>125 PSI</td>
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<tr>
<td>Maximum Inlet Vacuum</td>
<td></td>
<td>9 ft. water (7.9 in. Hg)</td>
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</tr>
<tr>
<td>Plunger Bore</td>
<td>.787 in. / 20 mm</td>
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</tr>
<tr>
<td>Plunger Stroke</td>
<td>.630 in. / 16 mm</td>
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</tr>
<tr>
<td>Crankcase Oil Capacity</td>
<td>33.8 oz.</td>
<td>40.6 oz.</td>
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</tr>
<tr>
<td>Maximum Fluid Temperature</td>
<td></td>
<td>165° F</td>
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<tr>
<td>Inlet Port Thread</td>
<td>1/2-14 BSPP-F</td>
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<tr>
<td>Discharge Port Thread</td>
<td>3/8-19 BSPP-F</td>
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<tr>
<td>Shaft Diameter</td>
<td>.945 in. / 24 mm</td>
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<tr>
<td>Weight</td>
<td></td>
<td>32 lbs.</td>
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<tr>
<td>Dimensions</td>
<td></td>
<td>12.2” x 9.2” x 6.9”</td>
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**DIMENSIONAL DRAWING**
### PARTS LIST

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<thead>
<tr>
<th>ITEM</th>
<th>PART NO.</th>
<th>DESCRIPTION</th>
<th>KIT NO.</th>
<th>QTY.</th>
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<tbody>
<tr>
<td>1.</td>
<td>47120841</td>
<td>Manifold</td>
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<tr>
<td>2.</td>
<td>47120941</td>
<td>Manifold, Ni. Plt. (TS2021)</td>
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<tr>
<td>3.</td>
<td>99520600</td>
<td>Screw, M8 x 70</td>
<td>8</td>
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<tr>
<td>4.</td>
<td>96702000</td>
<td>Washer, M8.4</td>
<td>8</td>
<td>8</td>
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<tr>
<td>5.</td>
<td>701115</td>
<td>O-ring, .674 x .10</td>
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<td>8</td>
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<tr>
<td>6.</td>
<td>3620366</td>
<td>Seat, Valve</td>
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<td>1</td>
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<td>7.</td>
<td>36201780</td>
<td>Plate, Valve</td>
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<td>8.</td>
<td>94737600</td>
<td>Spring</td>
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<td>9.</td>
<td>36200366</td>
<td>Seat, Valve</td>
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<td>10.</td>
<td>98222000</td>
<td>Cap, Ni. Plt (TS2021)</td>
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<td>11.</td>
<td>99522020</td>
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<td>12.</td>
<td>36703201</td>
<td>Valve Assembly</td>
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<td>13.</td>
<td>99303900</td>
<td>Screw, M8 x 16</td>
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<td>14.</td>
<td>47150122</td>
<td>Cover, Crankcase</td>
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<tr>
<td>15.</td>
<td>701147</td>
<td>O-ring, 2.675x.103</td>
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<td>16.</td>
<td>640047</td>
<td>Bearing, Roller</td>
<td>2</td>
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<td>17.</td>
<td>90186250</td>
<td>Oil Seal</td>
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<td>18.</td>
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<td>Bushing</td>
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**INTERNAL PARTS LIST**

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<tr>
<td>19.</td>
<td>98210600</td>
<td>Oil Dip Stick</td>
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<td>20.</td>
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<td>O-ring, Cover</td>
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<td>21.</td>
<td>47021735</td>
<td>Crankshaft, USA</td>
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<td>22.</td>
<td>90055700</td>
<td>Ring, Snap</td>
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<td>23.</td>
<td>91489000</td>
<td>Key</td>
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<td>24.</td>
<td>97738000</td>
<td>Pin, Wrist</td>
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<td>25.</td>
<td>47050554</td>
<td>Guide, Plunger</td>
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<td>26.</td>
<td>47030001</td>
<td>Connecting Rod</td>
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<td>27.</td>
<td>99191200</td>
<td>Screw, M6x30</td>
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<td>28.</td>
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<td>31.</td>
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<tr>
<td>32.</td>
<td>99309900</td>
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<td>96728600</td>
<td>Washer, M14</td>
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<td>36.</td>
<td>6600077</td>
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**REPAIR KITS**

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<th>7</th>
<th>10</th>
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<tbody>
<tr>
<td>ITEM NO’s INCLUDED IN KIT</td>
<td>45.6</td>
<td>7.8</td>
<td>(11)</td>
<td>16</td>
<td>41</td>
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<td>10</td>
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<td>37,38</td>
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<td>TORQUE SPECS*</td>
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**TORQUE SPECS**

<table>
<thead>
<tr>
<th>Pos.</th>
<th>Ft/lb</th>
<th>N-M</th>
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<tbody>
<tr>
<td>2</td>
<td>22.1</td>
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<tr>
<td>10</td>
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<td>12</td>
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<td>51</td>
<td>29.4</td>
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* Decrease torque by 20% if threads are lubricated

Ref 300204 Rev. K 07-14