SMP-10 & SMP-15
UHP PUMPS

Merging innovative ideas with real world demands

**SMP Pump Features**
- 1 Micron Inlet Water Filter with Outlet Pressure Gauge
- Low Inlet Water Pressure Safety Switch (30psi)
- 10 or 15 hp 3 Phase Pump Motor
- 40,000 or 60,000 psi design pressure
- Variable Displacement Axial Piston Pump
- Return Line Oil Filter with Service Indicator
- Manual Pressure Control
- Hi-Temp/Low Level Oil Safety Switch
- Oil/Water Heat Exchanger
- Auto Bleed Down Valve
- Sealed Base Captures Oil in Case of a Major Spill
- Rugged Powder-Coated Finish
- Epoxy Coated Oil Tank
- Vibration Isolation Pads on Motor
- Oil Temperature/Level Sight Gauge
- Electrical Junction Box

**Options**
- PLC based controls with user friendly operator interface
- Basic Control for Pump On/Off, E-Stop
- Electronic Pressure Control
- Mechanical Shift
- Continuous Recirculation Pump for Cooling System
- Air/Oil Heat Exchanger (Oil Temp Controlled)
- Cooling Water Solenoid Valve (Oil/Water Heat Exchanger)
- Remote Start/Stop, E-Stop, Hi/Low Panel
- 40,000 PSI Intensifier
- Single Phase Motor

**Specifications**

<table>
<thead>
<tr>
<th></th>
<th>SMP-10</th>
<th>SMP-15</th>
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<tbody>
<tr>
<td>Max Operating Pressure</td>
<td>60,000 psi (4150 bar)</td>
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<tr>
<td>Flow Rate</td>
<td>0.24 gpm (0.91 L/min)</td>
<td>0.31 gpm (1.17 L/min)</td>
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<tr>
<td>Max Orifice Size</td>
<td>.007 in. (.178mm)</td>
<td>.008 in. (.203mm)</td>
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<tr>
<td>Horsepower</td>
<td>10HP (7.3 kW)</td>
<td>15HP (11 kW)</td>
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<tr>
<td>Hydraulic Reservoir Capacity</td>
<td>25 gal (95 L)</td>
<td>25 gal (95 L)</td>
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<tr>
<td>Cooling Water Flow</td>
<td>2-4 gpm (7-15 L/min)</td>
<td>2-4 gpm (7-15 L/min)</td>
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<tr>
<td>Attenuator Volume</td>
<td>25 cu. in. (.41L)</td>
<td>25 cu. in. (.41L)</td>
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<tr>
<td>Length</td>
<td>44&quot; (111 cm)</td>
<td>44&quot; (111 cm)</td>
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<tr>
<td>Width</td>
<td>34&quot; (86 cm)</td>
<td>34&quot; (86 cm)</td>
</tr>
<tr>
<td>Height</td>
<td>33&quot; (83 cm)</td>
<td>33&quot; (83 cm)</td>
</tr>
<tr>
<td>Weight</td>
<td>770 lbs (349 kg)</td>
<td>800 lbs (362 kg)</td>
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