



# 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

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



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