66 Series
High Pressure Pumps
From
General Pump

The Synthesis of Experience
66 Series Applications

Pressure Cleaning
Applications
Pre-painting Surface Preparation:
Surface cleaning
Paint removal
Wet sandblasting

Heavy Equipment Maintenance:
Dirt and mud removal
Grease and oil removal
Parts washing

Contract Cleaning:
Sidewalk cleaning
Driveway cleaning
General cleaning

Industrial Applications
Misting/Fogging:
Evaporative cooling
Fire suppression
Tower cooling
Power generation

Industrial Process:
Hydraulic ram/press operation
Hydrostatic testing

Industrial Cleaning:
General cleaning
Surface stripping
Scale removal
Industrial pressure wash
Trailer mount systems
In-plant stationary systems
Large portable systems

Food Processing:
Poultry deboning
Sanitation

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OVERALL PUMP DIMENSIONS: 13.84” x 9.8” x 7.7”

O-ring groove in crankcase vs cover
- Eases installation
- Increases strength of rear cover

31.04 oz. oil capacity
- Better cooling

Fully anodized crankcase
- Better protection against environment

Two sight glasses
- Easier to monitor oil levels
- One is bayonet style for easy replacement

Oversized cylindrical roller bearings
- Higher load capabilities
- Increases life of pump

Nickel plated plunger guides
- Smoothest possible surface results in longer seal life
- Superior strength

16 or 18 mm plungers
- Offers wider range of flows and pressures

Improved low and high pressure seals
- Increases life
- Reduces maintenance

White ceramic plungers
- 98% alumina-ceramic
- Competitors plungers are only 97%
- Increases resistance to pitting and wear

Forged crankshaft
- Increases load potential
- Reduces fatigue

Oversized 2-piece white bronze connecting rods w/ 2, 8 mm bolts and special oil reservoirs
- Increases strength and stability
- Friction and heat reduction extends life

Piston guide bushings in an exclusive teflon, graphite and bronze
- Superior strength
- Easily replaceable
- Smoothest possible surface results in longer seal life

Stacked Valve Design for Better Efficiency (see valve above)
- Efficient water inlet
- Closer to plunger

Replaceable Inlet Valve Seat
- Protects manifold from cavitation damage

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Valve Plugs vs Plate
- Easy access to single valve
- Quick repair/maintenance

Valve Poppets Are Machined Not Stamped
- Better surface finish
- No cracking
- No stress points from stamping
- More durable, long lasting valve

Stress Is All In Stack

Pump Models

TSP1621
Flow: 4.3 GPM
Pressure: 5800 PSI
RPM: 1450
Bore: .630 in./16 mm
Stroke: .826 in/21 mm
HP: 17.1 EBHP

TSP1819
Flow: 5.0 GPM
Pressure: 5000 PSI
RPM: 1450
Bore: .709 in./18 mm
Stroke: .472 in./19 mm
HP: 17.4 EBHP

TSP1821
Flow: 5.5 GPM
Pressure: 5000 PSI
RPM: 1450
Bore: .709 in./18 mm
Stroke: .826 in./21 mm
HP: 18.9 EBHP

Max. Inlet Pressure: 125 PSI
Max. Fluid Temperature: 156°F
Inlet Port Thread: 1/2”-14 BSP-F
Discharge Port Thread: 3/8”-19 BSP-F
Shaft Diameter: .945 in./24 mm
Min. Inlet Pressure: 30 PSI
Crankcase Oil Capacity: 31.0 oz.