



XIP90-50 X-STREAM WATERJET PUMP

HIGH VELOCITY STREAM OF ULTRA HIGH PRESSURE WATER

he XP90-50 X-Stream Waterjet Pump is backed by nearly 10 years of extensive

research and development in hyper-pressure technology. Its fittings and tubings are rated for 100,000 psi. This pump supports a 75,000 psi continuous operating pressure, capable of producing flow rates of .7 gpm and supports up to a .011" orifice—increasing productivity for a diverse range of materials.

XP90-50 AT A GLANCE

- ➤ Rated pressure: 90,000 psi (6,200 bar)
- ➤ UHP flow rate: .70 gpm (2.61 lpm)
- ➤ Max rated orifice size .011 in (.28 mm)
- ➤ Single piston, dual plunger reciprocating pump
- ➤ Motor output: 50 hp (37 kw)

CONSTRUCTION

- ➤ Heavy gauge sheet metal covers
- ➤ Rugged all steel welded framework
- ➤ Hinged cover & quick remove access covers

CONTROLS

- ➤ UL Certified electrical panel
- ➤ Safety shutdown systems
- ➤ Automatic safety pressure bleed-down valve
- ➤ Optional advanced control package

INTENSIFIER PUMP

- ➤ Single, 2 quarts (1.9 liters) attenuator
- ➤ Single piston, dual plunger, reciprocating pump
- Rated pressure: 90,000 psi (6200 bar)
- ➤ UHP flow rate: .70 gpm (2.61 lpm)
- ➤ Max rated orifice size .011 in (.28 mm)
- ➤ 100,000 psi-rated fittings and tubing

WATER/ENVIRONMENT

- ➤ Low-pressure water supply requirement 1.45 gpm (5.49 lpm) @ 60 psi (4 bar) min.
- ➤ Max temp 70°F (21°C)
- Ambient temperature: 50-100°F (10-37° C)

SIZE

- ➤ Length: 72 in (1,830 mm)
- ➤ Width: 32 in (820 mm)
- ➤ Height: 53 in (1, 350 mm)
- Approximate weight with fluid: 2,900 lbs. (1310 kg)

ELECTRIC MOTOR

- ➤ Motor output: 50 hp (37 kw)
- ➤ TEFC NEMA premium efficiency motor
- ➤ Full load amps @ 460vac: (60Hz) 60
- ➤ Full load amps @ 230vac: (60Hz) 120
- ➤ Full load amps @ 380vac: (50Hz) 75

HYDRAULICS

- ➤ Axial piston, variable displacement, pressure-compensated hydraulic pump
- ➤ Thermostatically-controlled cooling loop
- Hydraulic accumulator prolongs component life and improves output quality
- Reservoir capacity: 36 gallons (136 liters)

WARRANTY

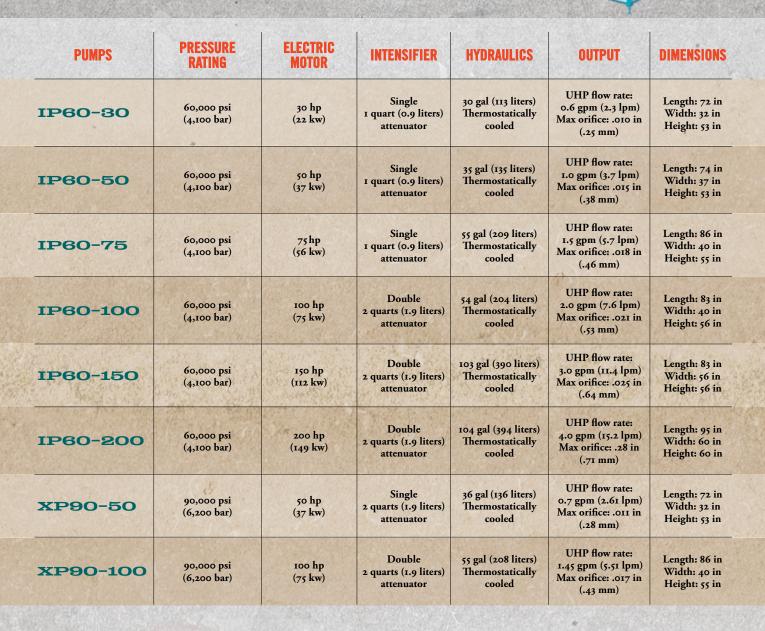
- ➤ 1-year or 2,000-hour pump warranty
- ➤ 2-year or 4,000 hour hydraulic circuit warranty
- ➤ Lifetime factory product training





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