Jet Edge®

ABOVE A CUT

MADE IN THE USA

iP60-100S Intensifier Pump
Single Intensifier

Construction
- Heavy gauge sheet metal covers
- Rugged all-steel welded framework
- Hinged cover and removable access panels for convenient machine inspection and maintenance
- Integral hydraulic reservoir
- Optional Sound Insulation Package
- NEMA 12/13 rated electrical enclosure

Standard Features
- High efficiency TEFC motor
- 1,500 or 1,800 nominal motor speed (rpm)
- Wye-Delta soft start with disconnect
- Programmable Logic Controller (PLC) for operation and diagnostics
- Electronically shifted intensifiers
- Safety shutdown systems
- Automatic safety pressure bleed-down valve
- Axial piston, variable displacement, pressure-compensated hydraulic pump
- Thermostatically controlled cooling system
- 0.5 gallon (1.9 liter) high pressure attenuator
- In-line UHP Water Filter to 5 Micron
- UHP safety shielded tubing
- Liquid-filled pressure gauges

Physical Size
- Length: 86 in (218 cm)
- Width: 40 in (102 cm)
- Height: 55 in (140 cm)
- Approximate Weight with Fluid: 4,600 lbs. (2087 kg)

Electric Motor
- Motor Output: 100 hp (75 kw)
- Motor Type: High Efficiency TEFC electric motor
- Full load amps @ 460vac: (60Hz) 119
- Full load amps @ 230vac: (60Hz) 238

Intensifier
- Type: Single piston, dual plunger, reciprocating
- Number of Intensifiers: 1
- Rated Pressure: 60,000 psi (4,100 bar)
- Intensification Ratio: 19:1
- Flow Rate: 2.0 gpm (7.6 lpm)
- Maximum Rated Orifice Size: .021 in (0.53 mm)

Low-Pressure Water/Intensification Water
- Type: Pretreated, <100 TDS, PH 6-8, Silica <15PPM
- Supply Requirements: 4.0 gpm @ 20 psi (1.4 bar) min. / 75°F (24°C) max
- Filtration: 10, 1, .45 Micron

Coolant Water
- Maximum Temperature: 70°F (21°C)
- Minimum: 10.0 gpm (0-37.9 lpm) @ Minimum 30 psi (2.1 bar)
- Ability to Remove: 97,000 BTU's / Hour
- Heat Exchanger: Braised Plate

Hydraulics
- Reservoir Capacity: 60 gallons (230 liters)
- Filtration: 10 Micron
- Bladder type accumulators

Environmental
- Ambient Room Temperature: 50°-100°F (10°-37°C)
- Relative Humidity: Noncondensing, Maximum 95% @ 100°F

Rev. 7/29/2009

Specifications Subject to Change

1.800.JET.EDGE www.jetedge.com sales@jetedge.com