

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
- Sound insulated for quiet operation
- NEMA 12/13 rated electrical enclosure

Standard Features

- High efficiency TEFC motor
- 1,500 or 1,800 nominal motor speed (rpm)
- Electronically shifted intensifiers
- Wye-Delta soft start with disconnect
- 0.5 gallon (1.9 liter) high pressure attenuator with 1.45 micron filtration
- Safety shutdown systems
- Automatic safety pressure bleed-down valve
- Thermostatically controlled cooling system
- Programmable Logic Controller (PLC) for operation and safety monitoring
- Axial piston, variable displacement, pressure-compensated hydraulic pump
- Liquid-filled pressure gauges
- UHP safety shielded tubing

Physical Size

- Length: 92 in (233 cm)
- Width: 57 in (145 cm)
- Height: 61 in (155 cm)
- Approximate Weight with Fluid: 6,200 lbs. (2,812 kg)

Electric Motor

- Motor Output: 200 hp (149 kw)
- Motor Type: High Efficiency TEFC electric motor
- Full load amps @ 460vac (60Hz): 233
- Full load amps @ 230vac (60Hz): 466
- Full load amps @ 380vac (50Hz): 280

Intensifier

- Type: Single piston, dual plunger, reciprocating
- Number of Intensifiers: two
- Rated Pressure: 60,000 psi (4,100 bar)
- Intensification Ratio: 19:1
- Flow Rate: 4.0 gpm (15.2 lpm)
- Maximum Rated Orifice Size .028 in (.71 mm)



Low-Pressure Water/Intensification Water

- Type: Pretreated, <100 TDS, PH 6-8, Silica <15 PPM
- Supply Requirements: 4.0 gpm @ 20 psi (1.4 bar) min. / 75°F (24°C) max.
- Filtration: 10, 1, .5 Micron

Coolant Water

- Maximum Temperature: 70°F (21°C)
- Minimum: 0-15.0 gpm (0-56.7 lpm) @ 20 psi (1.3 bar)
- Ability to Remove: 175,000 BTUs/Hour
- Heat Exchanger: Shell and Tube (2)

Hydraulics

- Reservoir Capacity: 95 gallons (361 liters)
- Filtration: Full Flow 10 Micron

Environmental

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