IP36-80DS INTENSIFIER PUMP



Intensifier
- Output Pressure: 36,000 psi (2500 bar) continous
- Number of intensifiers: 1
- 12:1 Intensification ratio
- Flow rate: 1.8 gpm (6.8 L/m) at 36,000 psi or 1.6 gpm (6.05 L/m) at 40,000 psi

Engine
- Engine output: 80 hp
- Engine type: Cummins 4 cylinder turbocharged diesel (meets Tier 3 emission standard)
- Fuel Tank: 27 U.S. gal (100 L)
- Cooling: Air cooled circulating water (radiator)

Hydraulic
- Pump type: Axial piston, variable displacement, pressure compensated
- Pressure rating: 3,200 psi (220 bar)
- Cooling: Air over oil heat exchanger
- Filtration: 10 micron kidney loop; 13 gpm at 1800 rpm (49 L/m)
- Fluid capacity: 35 U.S. gallons (135 L)
- Fluid type: Standard: medium grade turbine ISO

Standard Features
- A Programmable Logic Controller (PLC) operates the electronic timing of the intensifier cycle
- 1.0 quart (0.9 liter) high pressure attenuator stabilizes operating pressure
- Automatic safety pressure bleed-down valve relieves pressure from system
- On-board Water Prefilter to 1 micron
- Hydraulic accumulator dampens hydraulic fluid pulsations
- Full flow hydraulic filtration to 10 micron increases hydraulic component life
- Air cooled hydraulic fluid
- Safety shutdown systems
- Skid design

Optional
- CE Mark available

Physical size
- Length: 88 inches (2235 mm)
- Width: 64 inches (1625 mm)
- Height: 65 inches (1650 mm)
- Weight: 3,500 lb (1590 kg) dry

Environmental
- Ambient temperature: 50-100°F (10-37° C)
- Relative humidity: Non condensing, maximum 95% at 100°F (37°C)

Low Pressure Water
- Type: Potable tap water
  *Pretreated, <100 TDS, PH 6-8, Silica <15PPM
- Input Pressure: Minimum pressure 40 psi (3 bar) at 7 gpm (26 L/m)
- Input temperature: Maximum temperature 70°F (21°C)

Specifications subject to change.

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MADE IN THE USA

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