



MODEL IP36-100 INTENSIFIER PUMP

The 100-horsepower Jet Edge iP36-100 Mobile Intensifier Pump is capable of producing adjustable output pressures from 5,000 to 36,000 psi (345 to 2,500 bar), and flow rates from 0 to 3.5 gallons (0 to 13.2 liters) per minute

The iP36-100 utilizes a pressure-compensated hydraulic system to drive plunger style intensifiers. The use of hydraulic fluid power provides smooth flowing UHP water resulting in long system life. Reliable and precise control of the electronically shifted intensifiers ensures superior performance standards with reduced operating costs. The iP36-100 water jet pump is built on a skid-mounted frame with lifting eyes and forklift guides provided for increased mobility.



Physical Size

L length: 96 in (224 cm)

Width: 37 in (94 cm)

Height: 60 in (152 cm)

Approximate weight with fluid: 4,600 lbs (2,090 kg)

Electric Motor

Motor output: 100 hp (75 kw)

Motor type: High efficiency TE FC electric motor

Full load amps @ 460 VAC (60 Hz) 124

Full load amps @ 230 VAC (60 Hz) 248

Full load amps @ 380 VAC (50 Hz) 147

Intensifier

Type: Single piston, dual plunger, reciprocating

Number of intensifiers: 2

Nominal output pressure: 36,000 psi (2,500 bar)

Intensification ratio: 12:1

Flow rate: 3.5 gpm (13.2 L/min)

Low-Pressure Water

Type Pretreated, <100 TDS, PH 6-8, Silica <15 PPM

Supply requirements: 20 psi

Filtration: On board, 1 micron

Coolant Water

Maximum temperature: 70° F (21° C)

Minimum supply: 4 gpm (15.1 L/min)

Ability to remove: 80,000 BTU's / HR

Heat Load: 80,000 BTU/hour

Hydraulics

Reservoir Capacity: 78 gal (300 L)

Filtration: Full Flow 10 Micron

Environmental

Ambient Room Temperature 50° -95°F (10° -35°C)

Relative Humidity Noncondensing, Maximum 95% @ 100°F

Optional CE Mark Available



Specifications subject to change.



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