



# ECO-JET WATERJET PUMP

Energy efficient and economical, Jet Edge's ECO-JET direct drive waterjet pump produces up to 1 GPM of 55,000 psi ultra-high pressure water for precision waterjet cutting and surface preparation applications. Like all Jet Edge products, the ECO-JET features Jet Edge's signature rock-solid construction for lasting performance.

### Advantages

- Energy-efficient and eco-friendly - Uses up to 40% less electricity than a 50hp pump, but produces same output!
- Economically priced without sacrificing quality.
- Easy to maintain.
- **Powers any manufacturer's waterjet system!\***
  - \* Waterjet table or tool must be capable of sending a pressure relief signal to the pump.

### Specifications

Power:	30HP (22kw)
Output Pressure:	55,000 psi (3800 bar) continuous
Flow Rate:	1 GPM (3.8 L/min)
Maximum Orifice:	.015 in (.38 mm)
Power Supply:	3-Phase, 460 VAC (60Hz), 35AMP
LWH:	50 inch x 32 inch x 46 inch 1270 mm x 820 mm x 1170 mm
Weight:	1500 lb (680 kg); approximate



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PLUNGER PUMP & HIGH PRESSURE ASSEMBLY

### Standard Features

- High-efficiency TEFC motor
- 1800 nominal motor speed (rpm)
- User serviceable attenuator to reduce pressure fluctuations
- Liquid-filled pressure gauges
- UHP safety shielded tubing
- U/L, CU/L listed industrial control panel

### Construction

- Rugged all-steel welded framework
- NEMA 12/13 rated electrical enclosure

### Environmental

- Ambient Room Temperature: 50°-95° F (10°-35° C)
- Relative Humidity: Non condensing, maximum 95% at 95°F (35°C)

### Electric Motor

- Motor Output: 30 hp (22 kw)
- Motor Type: High Efficiency TEFC electric motor
- Full load current: 35A @460VAC (60 Hz)
- Requires a voltage/frequency option kit to match local electrical requirements.

### Low-Pressure Water

- Type: Pretreated, <100 TDS, PH 6-8, Silica <15PPM
- Supply Requirements:
  - Coolant Water: 4 GPM (19 lpm)
  - Feed Water: 4.5 to 5 GPM (17-19 lpm)
  - Minimum pressure 60 psi (4.2 bar)
  - Maximum temperature 70°F (21°C)
- On-board filtration to 0.45 micron

Specifications subject to change.



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