



ECO-JET® WATERJET PUMP

Energy efficient and economical, Jet Edge's ECO-JET® direct drive positive displacement waterjet pump produces 0.9 GPM (3.4 L/min) of 55,000 psi (3800 bar) 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:	0.9 GPM (3.4 L/min)
Power Supply:	3-Phase, 460 VAC (60Hz), 35AMP
LWH:	51 inch x 34 inch x 41 inch 1300 mm x 870 mm x 1050 mm
Weight:	1500 lb (680 kg); approximate

Standard Features

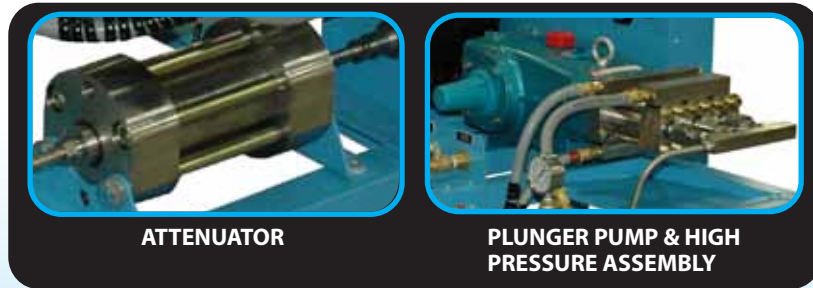
- High-efficiency TEFC motor
- 1800 nominal motor speed (rpm)
- User serviceable attenuator to reduce pressure fluctuations
- Liquid-filled pressure gauges
- UHP safety shielded tubing
- UL listed industrial control panel
- Automatic safety pressure relief valve
- Automatic safety pressure bleed-down valve to relieve pressure from system.
- Integrated power distribution panel with system disconnect
- On-board pressure booster to ensure adequate water supply pressure

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)



ATTENUATOR

PLUNGER PUMP & HIGH PRESSURE ASSEMBLY

Electric Motor

- Motor Output: 30 hp (22 kw)
- Motor Type: High Efficiency TEFC electric motor
- Full load current: 35A @460VAC (60 Hz)
50A @380VAC (50 Hz)
70A @230 VAC (60 Hz)

Low-Pressure Water

- Type: Pretreated, <100 TDS, PH 6-8, Silica <15PPM
- Supply Requirements:
Cooling Circuit: 4 GPM (19 lpm)
Pressure Circuit: 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.

www.jetedge.com

+1-763-497-8700 | 1-800-JET-EDGE
sales@jetedge.com



12070 43rd St. N.E. St. Michael, MN 55376 USA