



ECO-JET® PTO WATERJET PUMP

An industry-first, the Eco-Jet® PTO utilizes a tractor* PTO to produce up to 0.9 gpm of 55,000 psi ultra-high pressure (UHP) water for precision cutting, cleaning and surface preparation applications.

Unlike traditional industrial waterjet pumps, the Eco-Jet® PTO requires only a standard 120 V 60 Hz power source and a suitable tractor, making it practical for farm machine shops and shops with a limited power supply.

Advantages

- Highly Affordable
- Uses Standard Household Power
- Available for 540 rpm and 1000 rpm PTO
- Available for Category 1 and 2 Three-Point Hitches
- Easy to maintain
- **Powers any manufacturer's waterjet system!****

** Tractor Sold Separately*

*** Waterjet table or tool must be capable of sending a pressure relief signal to the pump.*

Specifications

Power:	540 rpm and 1000 rpm PTO
Output Pressure:	55,000 psi (3800 bar) continuous
Flow Rate:	1 GPM (3.8 L/min)
Maximum Orifice:	.015 in (.38 mm)
Power Supply:	120 V 60 Hz
LWH:	30 inch x 40 inch x 36 inch (1004 mm x 908 mm x 900 mm)
Weight:	700 lb (320 kg); approximate

Standard Features

- Attenuator to reduce pressure fluctuations
- Liquid-filled pressure gauges
- UHP safety shielded tubing

Construction

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

Environmental Requirements

- Temperature: Above freezing to 95°F (0°-35°C)
- Relative Humidity: Non condensing, maximum 95% at 95°F (35°C)

Tractor Requirements

- 540 rpm or 1000 rpm PTO producing a minimum of 50hp
- Category 1 or 2 Three-Point Hitch



ATTENUATOR



PLUNGER PUMP & HIGH
PRESSURE ASSEMBLY

Low-Pressure Water Requirements

- Type: Pretreated, <100 TDS, PH 6-8, Silica <15PPM
- Supply Requirements:
 - Cooling Circuit 4 GPM (15 lpm)
 - HP circuit 4.5-5 gpm (17-19 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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