



Ecolo Heavy Duty Pump Modules are vastly different from other high pressure pump modules commonly used in industrial misting applications. By using a unique configuration, important maintenance reducing features and only the highest quality, time tested components our design maximizes reliability and durability in extended duration, heavy duty applications.

PLC Controller to monitor operation and faults, optional data logging of system operating parameters and status. LED display with audible alarms.

- Major maintenance reducing features:
 - (1) High capacity triple stage inlet water filters
 - (2) Optional water conditioning for hard water
 - (3) Air purge function to minimize nozzle maintenance
 - (4) Quick oil drain and fill access
- Stainless steel chassis and cover, epoxy painted heavy duty skid frame, all components pre-installed at the factory.
- Full pump starter panel with power disconnect switch
- Belt drive CAT triplex plunger high pressure pumps
- CAT Discharge Pressure Regulator
- Hydraulic Accumulator to Minimize Vibration.
- 2000 PSI / 140 BAR Liquid Filled Pressure Gauge
- TEFC Leeson Electric Motor with Drive Belt Adjust Base
- Triple Groove BX Section Belt Driven Coupling
- Stainless Steel Pump Chassis and Stainless Steel Cover
- Vibration Isolated Pump / Motor Sub Frame, Square Tube Construction, Epoxy Paint
- TIG Welded Isolated Stainless Steel Manifolds
- Quick Access Oil Fill with Easy Oil Drain
- Chemical injection pump - 10 GPD, 110 PSI
- 5000 hours / 1 year warranty



Thermoplastic Hydraulic Hose

Thermoplastic hydraulic hose, 2000 PSI Rated. Provides a fast – flexible installation. Can be bent and formed in a 3" tight radius up to 180°. Excellent UV Stability - no shrinkage, elongation or brittleness.

Brass / Stainless Nozzles

1000PSI Operating pressure.
10 Micron water droplet production.

Available in 3 flow rates:

- (1) 0.008" Orifice – 0.025 GPM.
- (2) 0.012" Orifice – 0.040 GPM.
- (3) 0.020" Orifice – 0.060 GPM.

12/24 NC Threads with compression o-ring seal.



Factory Connected Nozzles

Atomization nozzles are factory mounted onto flexible hydraulic hoses using a swage type connection. Nozzles are spaced at pre-assigned regular intervals to form a continuous "Atomization Line" assembly. Pre-assembled atomization lines permit quick and simple installation over very long perimeters with minimal pressure loss. 1000 PSI Rated and factory pressure tested prior to shipment. Only simple tools required for installation.

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