

H2O Jet is a renowned, leading producer of ultra-high pressure pumps and parts with over **30 years of excellence**.

Our solutions are designed to meet the demands of high-volume, time-critical operations.

By simplifying waterjet processes, we enhance **reliability, lower operating costs, and increase output**.

As a proven, US-based company, we have established ourselves as the leading brand for robotic systems and are trusted by prominent machine builders.

We offer tailored configurations, provide direct access to support from experienced experts, and maintain a customer-centric approach. With H2O Jet, you can expect the highest quality parts in the industry, ensuring exceptional performance and lasting value.

WHY CONSIDER AN H2O JET INTENSIFIER PUMP?

- Customizable options to meet your needs.
- Ideal for high on/off cycle applications. Start or stop on-demand.
- Longer maintenance intervals, faster & easier upkeep.
- One pump can supply multiple independent tables or cutting stations.
- Intensifier pumps only stroke when pressure drops below the pressure level setting, conserving energy.

How do **Custom Pumps** compare to the rest of the pump line?

Advantage	Advantage EP	Advantage EF	Skid Mounted (SMP)	Custom
Main Purpose Assured uptime for operations relying on the waterjet; built-in features for simpler use	Main Purpose Same as Advantage, plus: higher max pressure	Main Purpose Same as Advantage, plus: unique/larger Intensifier for higher output	Main Purpose Single-phase power option (10hp model)	Main Purpose Basic, reliable operation
Main Feature High-End PLC	Main Feature Higher pressure	Main Feature Higher water output	Main Feature Lower cost	Main Feature Pressure created to specs
Motor Sizes - Intensifier Options 50hp - Single or Redundant 100hp - Dual	Motor Sizes - Intensifier Options 50hp - Single or Redundant 100hp - Dual	Motor Sizes - Intensifier Options 75hp - Single or Redundant, EF Intensifier	Motor Sizes - Intensifier Options 10hp to 50hp - Single	Motor Sizes - Intensifier Options Project dependent
Doors/Covers Std	Doors/Covers Std	Doors/Covers Std	Doors/Covers Optional	Doors/Covers Optional
Max Pressure Options 40k, 60kpsi	Max Pressure Options 94kpsi	Max Pressure Option 60kpsi	Max Pressure Options 40k, 60k, 94kpsi	Max Pressure Options 100kpsi
Typical Use Large, multi-cutting station operations	Typical Use Fastest cutting; large, multi-cutting station operations	Typical Use Large, multi-cutting station operations; limited floor space, multiple jets	Typical Use Typical cutting	Typical Use Pasteurization, Hydroforming, Atomization, HPP, Specialty Forming, Pressure Vessel Testing



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H2OJET

Custom Pumps

Precise Pressures to 100,000 psi
Ultra-High to Extreme Pressure Pumps

HYDRAULIC INTENSIFIER PUMPS



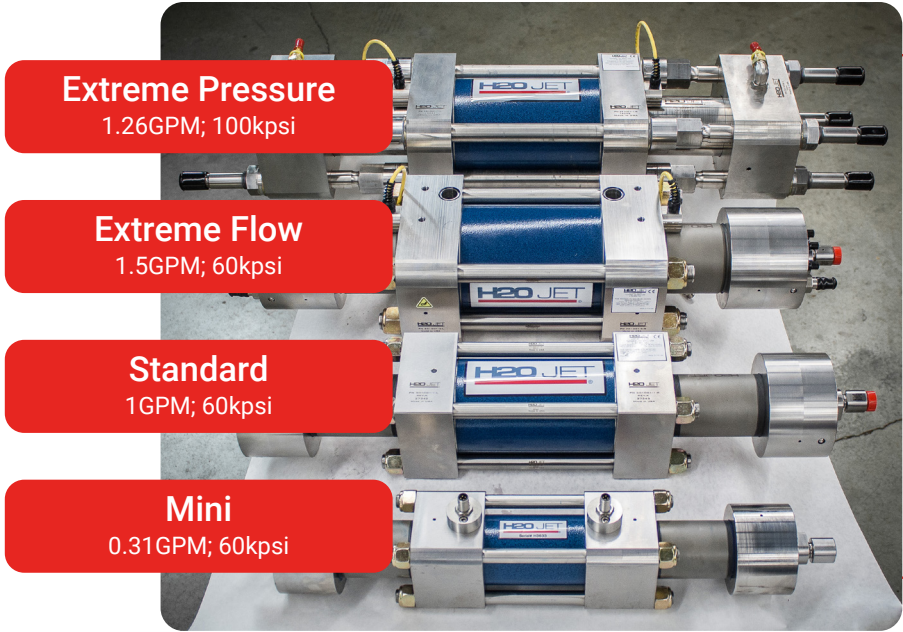
Custom Pumps for High to Extreme Pressures

H2O Jet has extensive experience creating high pressure pumps with specific features for a wide range of applications.

Whether pressure-testing, pasteurizing, atomizing, densifying, forming, or cutting, our focus on simplicity and maintenance has created a pump platform for a custom pump meeting your specific objective. We can easily adapt our models to meet specific needs and incorporate features to deliver pressure needed, specifically when it's needed. We can create a model with the pressure curve for a wide range of applications.

Call us to discuss your next project.

100hp standard pump. Water temps to 212°F.



Extreme Pressure
1.26GPM; 100kpsi

Extreme Flow
1.5GPM; 60kpsi

Standard
1GPM; 60kpsi

Mini
0.31GPM; 60kpsi

DID YOU KNOW
H2O Jet has a wide range of intensifiers on-the-shelf to use as starting points to your specific flow rates, pressures, and temperatures.

SYSTEMS TO
Move Specific Amounts at Specific Rates • Hold Exact Pressure • Repeat

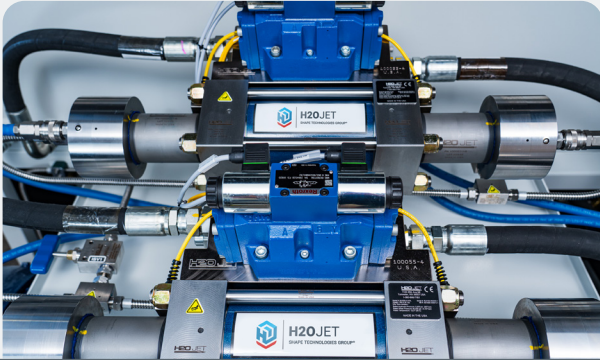
Specifications	Range of Options
Intensifier Configurations	Redundant, Single, Dual, Triple, More
Pressure (psi*)	20,000 to 100,000
Flow Rate	0.06 to 4gpm
Water Temperatures	40°F to 212°F
Horsepower	5 to 200
Cooling Type	Water or Air
Pressure Control	Manual or Proportional
Flow Control	Optional - Proportional



Controls configured for your application using the latest sensors and input/output options.



Standard 94,000 psi system. Existing platforms cover pressures to 100k psi.



Intensifier layout for easy access.



A standard 50hp, 1gpm, 60,000 psi model.