

The Most Advanced and Robust High Pressure System Available

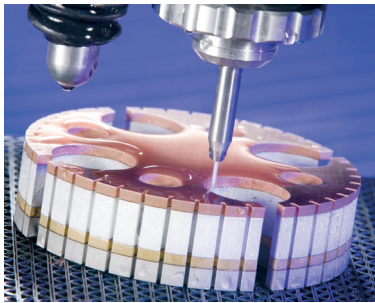
CUT FASTER | INCREASE PRODUCTION | LOWER COSTS

BENEFITS OF HYPERPRESSURE 94,000 psi vs. 60,000 psi

- Cuts up to twice as fast as 60,000 psi
- Uses 30–50% less abrasive
- Delivers 20–30% lower part cost
- Reduces taper by up to 0.001"

STANDARD FEATURES

- Dual 94,000 psi intensifiers with ECL (Extended Component Life) parts
- Durable pump design with full intelligent controls, monitoring and communication ability
- High efficiency hydraulic system with redundancy
- Fully integrated with diagnostics and remote monitoring at computer console
- Additional control panel at pump for easy operation and maintenance



Cut Faster

HyperPressure—94,000 psi—is a substantial 45% increase in pressure from traditional 60,000 psi ultrahigh-pressure systems. At 94,000 psi the waterjet velocity increases beyond Mach 3—creating a faster, more powerful cutting tool for any material.

Increases of up to twice as fast as traditional 60,000 psi waterjets are a result of accelerating the abrasive waterjet stream to the fastest, most powerful pressure available.

Increase Production

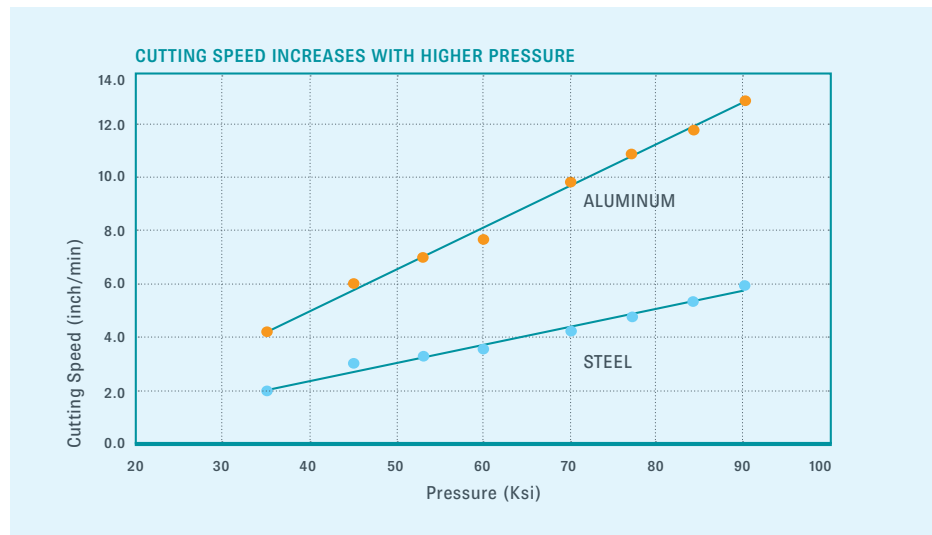
Faster cutting speeds mean more parts can be cut—throughput for any shop will increase. From in-house production to custom fabrication and contract manufacturing shops, more work can be completed in less time with an 94,000 psi HyperPressure waterjet.

As business grows and floor space becomes scarce, additional machinery is often the only answer. Increased production capability with Flow's exclusive 94,000 psi HyperPressure waterjet systems will accommodate growth in every business without increasing floor space, utility requirements, or employees.

Lower Costs

Increased production doesn't come at a higher cost—94,000 psi HyperJet pumps cost less to operate. HyperJet pumps operate at 45% higher pressure, moving abrasive particles faster. Each abrasive particle carries more momentum and cutting power therefore, fewer abrasive particles are required as compared to lower pressure pumps. Using 30–50% less abrasive with an 94,000 psi HyperJet pump will result in lower operating costs than traditional, lower pressure pumps.

Lower operating costs combined with increased speeds mean the cost per part or contract job will be greatly reduced. The option of running a more efficient shop by producing more parts in less time at a lower cost makes the exclusive Flow HyperPressure waterjet system a clear choice.



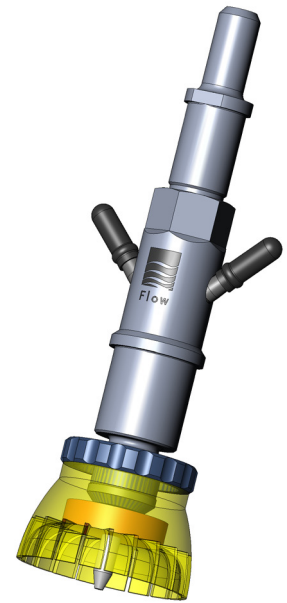
HISTORY OF INNOVATION

Every high pressure waterjet advancement has been first introduced by Flow—higher pressure creates more powerful and efficient cutting.

1970's	1980's	1990's	2006
Flow introduces the 30,000 psi waterjet cutting system	Flow invents and introduces the abrasive waterjet Flow creates the 55,000 psi standard	Flow pioneers the long-life 40,000 psi systems Flow introduces the 60,000 psi systems Flow introduces the first HyperPressure 100,000 psi pumps for special applications	The latest innovation— Flow releases the first 94,000 psi HyperPressure pump for waterjet cutting applications

INTEGRATED HYPERPRESSURE SYSTEM DESIGN

- Flow's 94,000 psi HyperPressure technology system isn't only a pump—it is a complete system designed to increase cutting power and speed while reducing operating cost. Every component that delivers the most powerful waterjet performance is part of the integrated HyperPressure system.
- Advanced PASER® Mach4™ cutting head system with higher cutting vacuum designed specifically for 94,000 psi performance
- Quick acting on/off valve for faster cycle times and rugged construction
- Proprietary high pressure plumbing materials and design from the pump to the cutting head to maximize cutting performance
- Enhanced computer cutting models created exclusively for HyperPressure cutting efficiencies
- Reduced noise from pump to cutting jet
- Exclusive tools developed by Flow to ensure easy, consistent and reliable maintenance at higher pressures



SPECIFICATIONS

Pump	Power	Flow Rate	Continuous Operating Pressure	Voltage
HyperJet S	50 HP	0.63 gpm	Adjustable up to 87,000 psi	400/480 VAC, 150 A
HyperJet D	100 HP	1.26 gpm	Adjustable up to 87,000 psi	400/480 VAC, 225 A

INNOVATION | EXPERTISE | COMMITMENT

Get It All with Flow

For over three decades, Flow has set the standard for excellence in waterjet technology. We are the only waterjet company in the world that offers total solutions and support from a single source, both before and after your waterjet system is installed. We learn your business requirements. We help you select and implement the right solution. We train your staff and we are there for you for the entire lifecycle of our products.

When you partner with Flow, you get more than a product:

Our **INNOVATION** ensures that you will always have the latest and highest quality technology.

Our **EXPERTISE** ensures that you will always have the right technology for your individual business needs.

Our **COMMITMENT** to customer service ensures that you will always receive the support you need to stay productive.

For your complimentary needs analysis or a product demonstration, please call one of our waterjet experts at **1-800-446-3569**.

We look forward to partnering with you in your success.

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