

WATERJET STONE FABRICATION



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INNOVATION | EXPERTISE | COMMITMENT **STONE SOLID PROMISE**

Flow's commitment to your success means you get the attention you deserve, regardless of where you are located. We have facilities spanning the continent and service engineers who are local to you, all with specialized training and technical capabilities to ensure your satisfaction. With coverage like that, you can rest assured that your waterjet needs will be addressed whenever you need it, wherever you are.

FLOW — YOUR STONE FABRICATION WATERJET SOLUTION.



ULTRAHIGH-PRESSURE WATERJET STONE FABRICATION

The versatility of ultrahigh-pressure waterjets is unmatched. No other tool cuts a greater variety of materials. From stone and tile for floors, counters and inlays, to metals for artistic accents and signage, a waterjet can cut virtually any material in a single step. The result? Improve your bottom line, increase your shop's output, and expand your business with waterjet technology from Flow.

FLOW WATERJETS ARE THE MOST PRODUCTIVE WAY TO FABRICATE STONE.

To achieve the best results for your business, you need the highest quality system from a reliable manufacturer — one you can trust to provide dependable support and service. That's why stone fabricators worldwide trust their business to Flow. We are the waterjet experts, and our global service locations ensure local service in your area. Flow speaks your language and has the expertise to help grow your business.

Our commitment to research and development has produced a waterjet system to meet your needs. Flow's waterjet stone fabrication systems are certain to improve your product quality, speed up production, reduce raw material waste, and reduce your operating costs. Leave no stone uncut with a Flow waterjet.



StoneCrafter

Specifically designed for the stone industry, the StoneCrafter combines the motion control, pump, and ultrahigh-pressure components of a waterjet cutting tool into one compact machine. It consumes minimal floor space, provides excellent operator access, and is capable of cutting any natural or manufactured stone, tile, and glass material with unmatched productivity and accuracy.

CUT FASTER, INCREASE PRODUCTION, AND LOWER COSTS WITH FLOW'S HYPERPRESSURE TECHNOLOGY

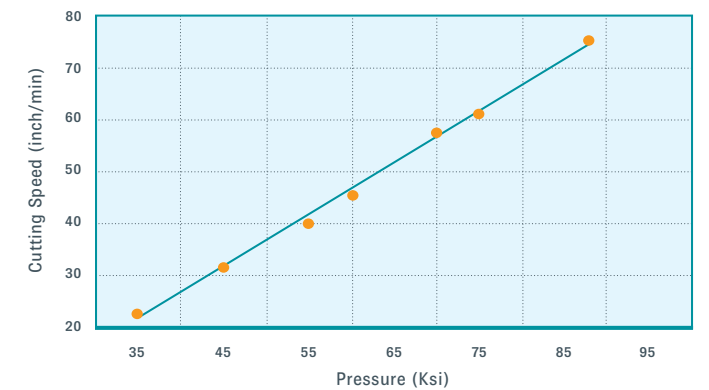


87,000 PSI HYPERPRESSURE™ TECHNOLOGY ONLY FROM FLOW

Our expertise and relentless focus on innovation shows in everything we do — from inventing the abrasive waterjet to developing Vacuum Assist for consistent and reliable piercing of stone and glass. Now, exclusively from Flow, our 87,000 psi HyperPressure Technology enables faster, more cost-effective cutting, lower part cost and higher production. Benefits over current 60,000 psi technology include:

- 30-50% faster cutting speeds
- 20-30% lower part cost
- 30-50% less abrasive use
- Simpler and faster maintenance

CUTTING SPEED INCREASES WITH HIGHER PRESSURE 2 cm Engineered Stone



WATERJETS CUSTOM DESIGNED FOR THE STONE INDUSTRY

Our waterjet stone fabrication systems demonstrate Flow's commitment to innovate reliable systems that improve your bottom line, increase output, and expand your business. Fabricators who employ waterjet systems to cut stone and other delicate materials enjoy profitability and cost savings.



REDUCE MATERIAL AND PRODUCTION COSTS

Waterjets save you valuable time with minimal fixturing and tooling. Quickly cut faucet holes, counter contours, sink bowl cut outs, and other net shapes accurately with clean edges. Waterjets have minimal kerf thickness so you can tightly nest parts and increase your material yield.

EASY TO USE

Whatever the shape or variety of dimensions in your design, Flow offers systems that will easily and economically cut the material for your application. Compared to hard-to-use waterjet combination systems, Flow waterjets are a faster and more productive choice.

CUT A GREATER VARIETY OF MATERIALS

Waterjets can cut virtually any material, allowing you to expand your capabilities. From stone and tile, to glass, composites, or metal, you decide. Waterjet cutting can improve throughput efficiency in a single step.

STRAIGHTFORWARD INTELLIGENT SOFTWARE

FlowMaster®, Flow's Windows-based intelligent waterjet control software, puts you in production quickly, regardless of the complexity of your part. FlowMaster sets the cutting parameters for you, eliminating the need for extensive training.



CUT FASTER | INCREASE PRODUCTION | LOWER COSTS

CUT FASTER. HyperPressure — 87,000 psi — is a substantial 45% increase in pressure from traditional 60,000 psi ultrahigh-pressure systems. At 87,000 psi the waterjet velocity increases beyond Mach 3 — creating a faster, more powerful cutting tool.

INCREASE PRODUCTION. Faster cutting speeds mean more throughput for any shop. More jobs can be completed in less time with an 87,000 psi HyperPressure waterjet. Increased production capability with Flow's exclusive 87,000 psi HyperPressure waterjet systems will accommodate growth in every business without increasing floor space, utility requirements or employees.

LOWER COSTS. Higher speeds and increased production doesn't come at a higher cost — 87,000 psi HyperPressure pumps cost less to operate than lower pressure systems. HyperPressure pumps operate at 45% higher pressure, moving abrasive particles faster. As a result, each abrasive particle carries more momentum and cutting power, so fewer abrasive particles are required. With abrasive costs representing a majority of the operating cost of any waterjet system, using 30-50% less abrasive with an 87,000 psi HyperPressure pump will save you money.



BENEFITS OF DEDICATED WATERJETS AS COMPARED TO DUAL PROCESS SYSTEMS

Although some companies offer a combination of waterjet with other machine tools, such as a saw or other CNC equipment, our customers have found that they are happier with separate systems. Why? When you analyze the total processing time of 87,000 psi waterjet compared to a combination system, you will find faster processing is possible with a dedicated Flow waterjet. Each piece of equipment is used to do the job for which it was designed. When you use separate systems, you are capable of working more efficiently and, if maintenance needs to be completed on one of the machines, you can keep working on the other. You can gain additional productivity from a smaller investment with a Flow waterjet.

- FASTER OVERALL PROCESSING TIME
- LOWER TOTAL INVESTMENT
- SIMPLER OPERATION AND MAINTENANCE

RELIABLE PUMPS

Flow intensifier pumps are the most reliable pumps on the market today. They can provide continuous operation 24 hours a day, 7 days a week at the pressure they are rated, with no backing off and no hedging. Flow pumps are field proven through thousands of installations worldwide.

ULTRAPIERCE™ VACUUM ASSIST

Flow's patented and exclusive UltraPierce Vacuum Assist technology pierces brittle and laminated materials such as marble, stone, glass, and composites without breakage or delamination.



IFB | INTEGRATED FLYING BRIDGE 6024

Flow's Integrated Flying Bridge (IFB) 6024 maximizes productivity for stone fabricators through the use of twin cutting beds linked to a single ultrahigh-pressure pump and control system. With twice the cutting area of a normal system you dramatically improve your capacity with minimal additional investment.



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 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.**