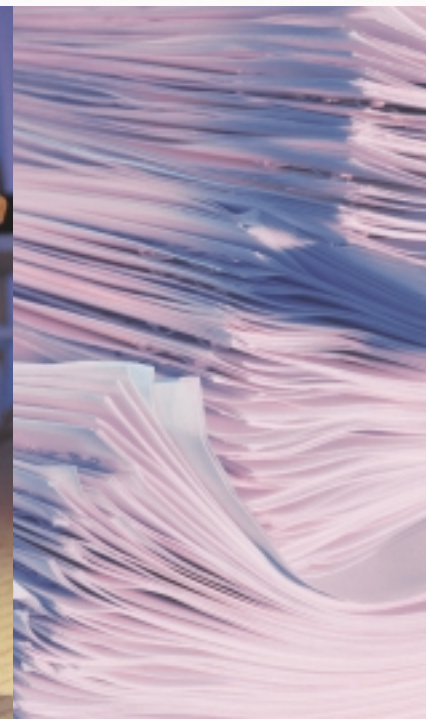
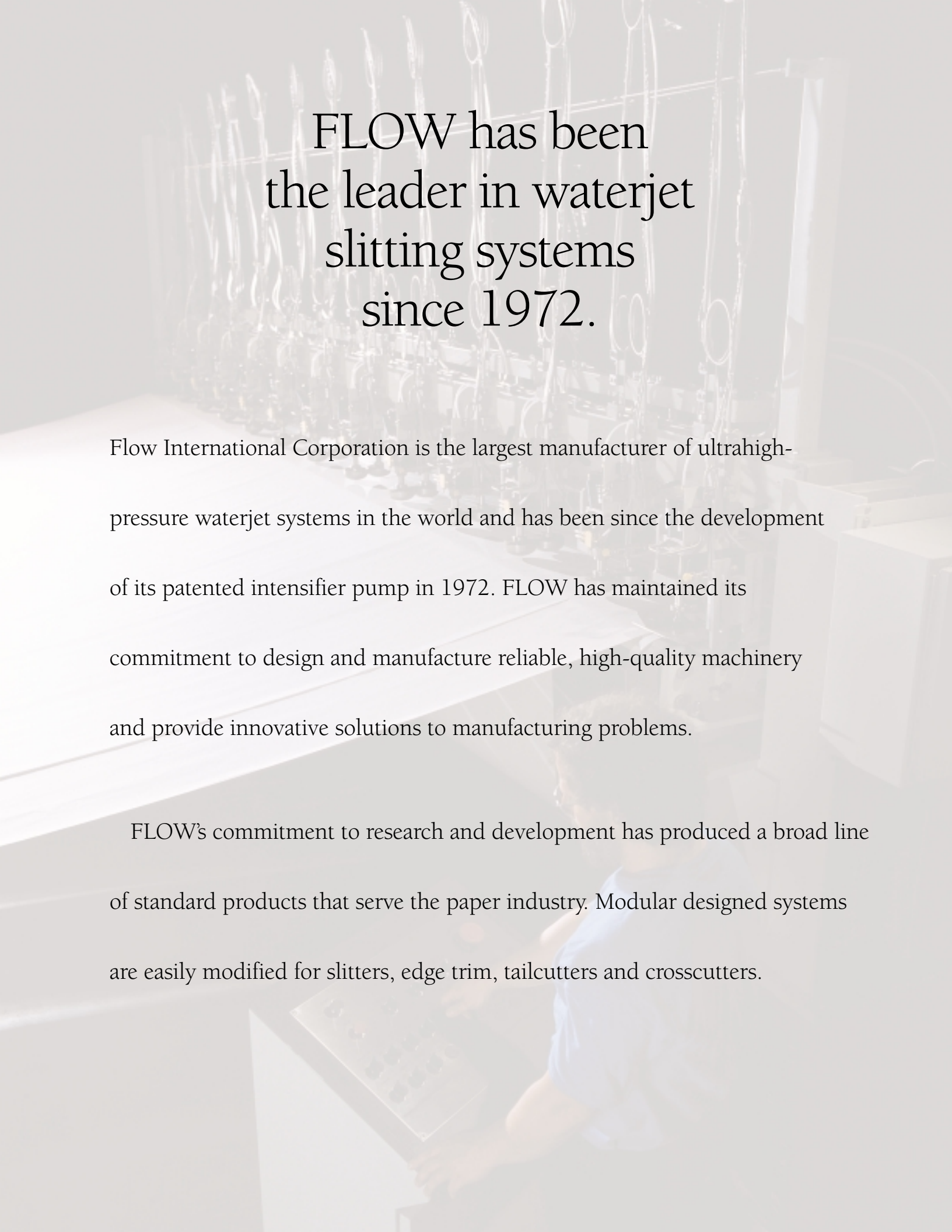




Waterjet slitting systems are the fastest, most efficient way to cut paper products.



A person in a blue shirt is operating a large industrial waterjet slitting machine. The machine is complex with many rollers and a control panel. The background is a factory floor with various equipment and pipes.

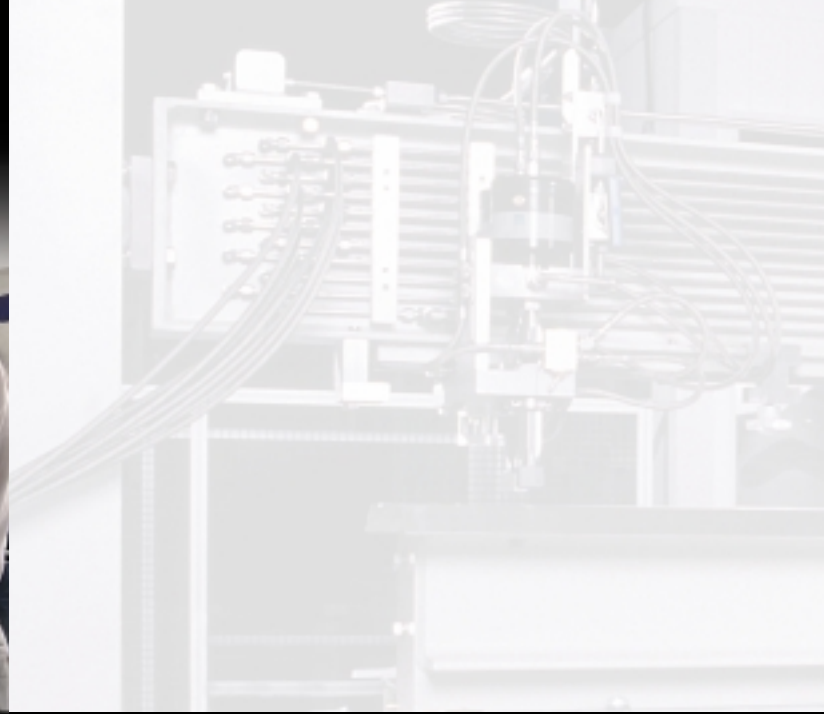
FLOW has been the leader in waterjet slitting systems since 1972.

Flow International Corporation is the largest manufacturer of ultrahigh-pressure waterjet systems in the world and has been since the development of its patented intensifier pump in 1972. FLOW has maintained its commitment to design and manufacture reliable, high-quality machinery and provide innovative solutions to manufacturing problems.

FLOW's commitment to research and development has produced a broad line of standard products that serve the paper industry. Modular designed systems are easily modified for slitters, edge trim, tailcutters and crosscutters.

FLOW Pumps Are The Most Reliable On The Market

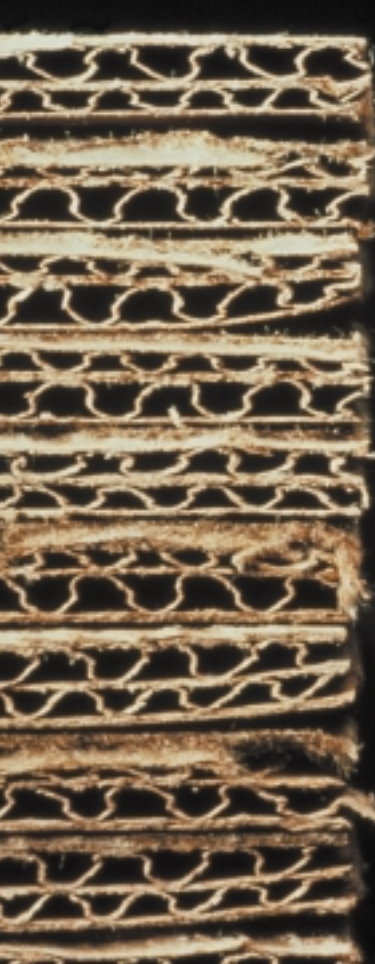
FLOW experience, expertise and our use of FEA (finite element analysis) to test components have set the industry standard for reliability. Want proof? Ask our customers who run 24 hours per day (like paper mills and diaper manufacturers). They insist on FLOW pumps.



Dust-Free Cutting

Waterjets produce no airborne dust. The waterjet carries away the kerf material. Dust-free cutting improves working conditions, reduces housekeeping and produces a higher-quality product.

Mechanical cut



Waterjet cut



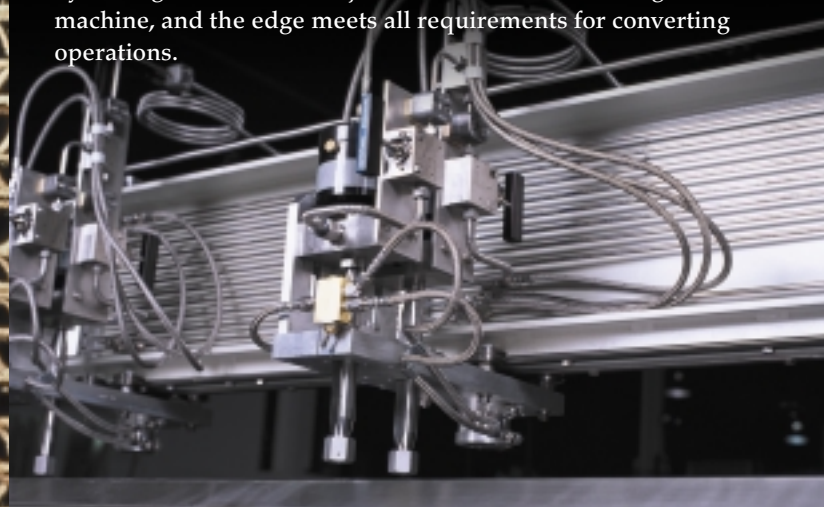
Safety

Waterjet slitters are easily guarded. Remote on/off controls and automatic positioning keep workers safe.



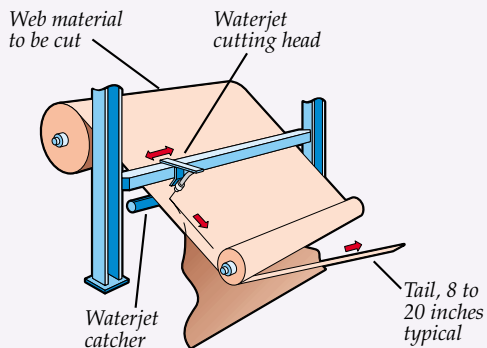
Eliminate Rewinding

In many tissue and towel applications, waterjet slitting eliminates rewinding so you save on capital equipment expense by slitting on-line. A waterjet slitter can be installed right on the machine, and the edge meets all requirements for converting operations.

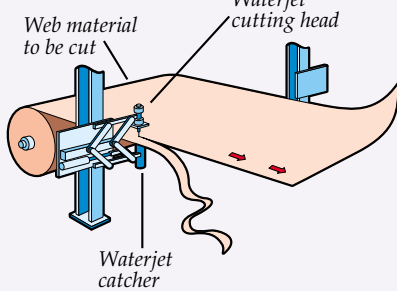


Waterjet slitting systems improve quality and reduce costs.

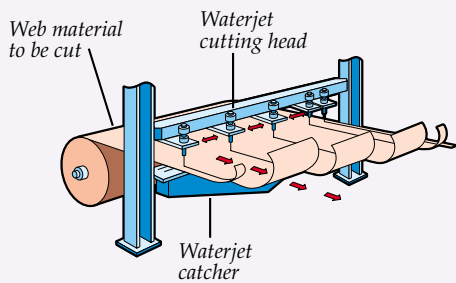
Tail Cutter



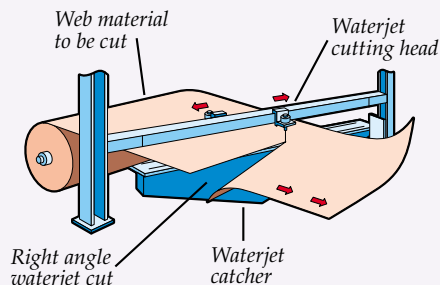
Edge Trimmer



Slitter



Crosscutter



Higher Cutting Speeds

The low cutting force of the waterjet means that it can cut at higher speeds than a mechanical knife—as high as 10,500 feet (3,200 meters) per minute, or higher, depending on winder speed.



Increase Operating Time

FLOW's waterjet slitting systems are designed with "redundant" nozzles that double the slitting time between "knife" changes. With diamond orifices and proper water treatment, operating time for a carriage can be as long as 4,000 hours. Positioning—whether manual or automatic—is fast and easy.





Reduce Web Breaks

Waterjets can enter, exit, and cross a moving web without breaking it. Waterjet slitting is not affected by holes or other imperfections in the web. Fewer web breaks reduce downtime.



Strong Cut Edges

Edge strength tests comparing waterjets with knives on lightweight paper and tissue grades show that waterjet edge is as strong as a sharp knife edge. The waterjet edge, however, never dulls so your maintenance is reduced and your operating cycles are longer. Waterjets cut coated paper stock without edge cracking.



Clean Cuts

The waterjet cuts cleanly at any paper machine speed or cutting angle and is easy to integrate with any automatic threading device.



Bottom Line Savings

The major benefits of waterjet slitting—dust-free cutting, higher cutting speeds, reduced downtime, and increased safety—add up to significant operating cost savings and profitability. Typically, users see payback in less than a year.

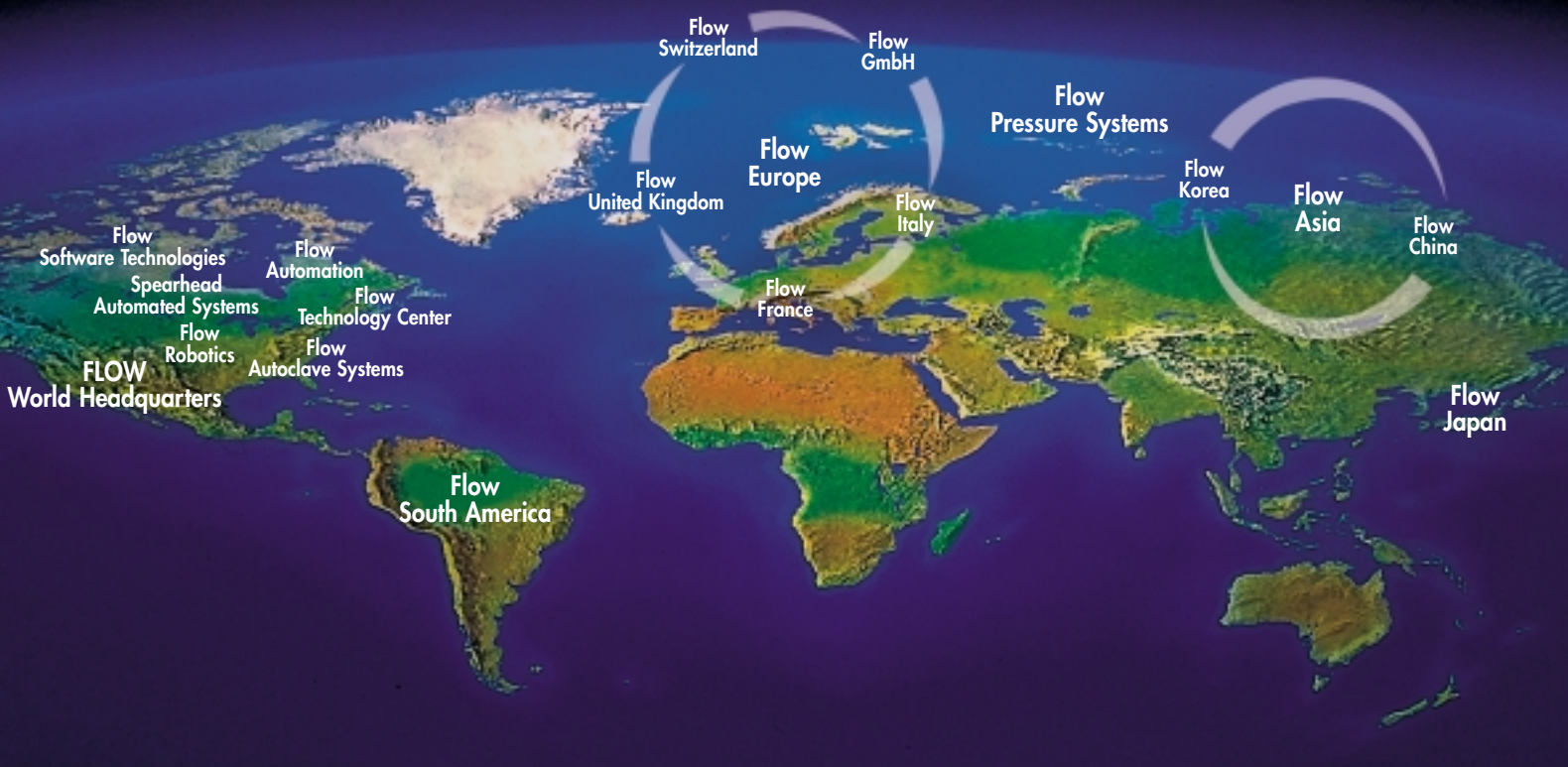


Flow International Understands The UHP Cutting Process Better Than Anyone

Flow International Corporation (Nasdaq: FLOW) is the world leader in the development and manufacture of ultrahigh-pressure waterjet technology, and a leading provider of robotics and assembly systems. Since 1974 FLOW has delivered more than 6,000 waterjet and 800 abrasive waterjet systems to customers in over 45 countries, making it the dominant provider of such equipment.

The Flow Service Network Extends Around The World

FLOW is the only waterjet company in the world that offers total solutions from a single source, both before and after your system is installed. FLOW monitors individual customer usage of spare parts to ensure maximum performance and profitability for our customers. A call to our 24-hour hotline initiates a rapid response to any maintenance or cutting emergency you may have.



Flow International Corporation

is the world's leading developer and manufacturer of ultrahigh-pressure (UHP) waterjet technology for cutting, cleaning and food safety applications. FLOW provides total system solutions for industries including automotive, aerospace, paper, surface preparation and food production.

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