GLOBAL LEADERSHIP IN

ADVANCED ABRASIVE WATERJET TECHNOLOGY

OMAX Corporation

WWW.OMAX.COM

INNOVATION WITHOUT LIMITS

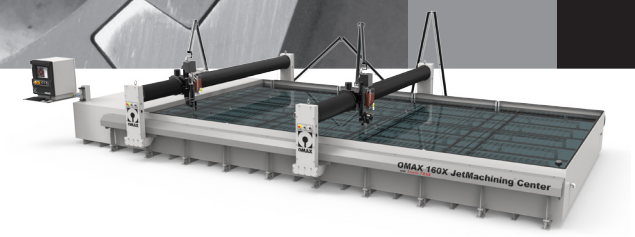
YOUR SUCCESS IS OUR SUCCESS

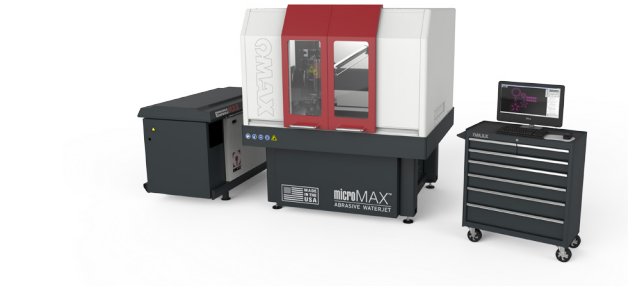
With a worldwide reputation for innovation, OMAX Corporation has continuously led the charge in the design, manufacture and support of extremely fast, highly precise multi-axis abrasive waterjet solutions that cut virtually any type of material and thickness.

Since 1993, our diverse array of table sizes, efficient direct drive pumps, intuitive software, retrofittable accessories and complete customer care has provided manufacturers across all industry segments with everything they need to operate highly profitable and productive businesses in a competitive, continuously evolving marketplace.

We continuously develop next generation abrasive waterjet solutions to create new opportunities, improve productivity and increase profitability to help our customers grow their businesses.

AT OMAX, YOUR SUCCESS IS OUR SUCCESS.





MADE IN THE USA

We offer the most comprehensive range of advanced abrasive waterjet solutions in the industry through our OMAX and MAXIEM product lines. These machines and their complementary accessories are made at our manufacturing campus in Kent, Washington.

ADVANCED ABRASIVE WATERJET SYSTEMS

Versatility, Precision, and Speed For Any Application

From micromachining and prototyping to large scale production and manufacturing, our abrasive waterjet systems provide a complete solution for your manufacturing needs.

STATE-OF-THE-ART PRODUCTION

We design, manufacture, assemble and test all of our waterjet solutions at our state-of-the-art manufacturing facility in Kent, Washington. We are able to maximize our production efforts and consistently provide our customers with high-quality products through:

- Multiple machine assembly lines that offer exceptional production capacity,
- Using OMAX abrasive waterjet technology to accurately cut components and provide greater insight into the use of our equipment,
- Advanced technology, such as computerized assembly manuals and tablet devices, which allow us to access and print production information in real-time, enabling us to be highly responsive and flexible,
- Pull method of manufacturing establishes lean processes and just-in-time production.

SHAPING THE FUTURE

With the largest in-house waterjet systems research and development team in the world, we continuously advance our technology to meet the diverse and changing needs of the manufacturing industry. It is our investment in research and development that allows us to proactively address machining challenges of the future with innovative and efficient waterjet solutions that support tomorrow's part-production efforts.

- Our multiple technology patents continuously play an important role in new product development, keeping us at the forefront of high-speed, high-precision machining.
- Our expert engineering team, with hundreds of years of combined experience in all aspects of waterjet technology, allows us to develop quality, versatile products that reduce costs and simplify production for the 21st century and beyond.

GLOBAL REACH, LOCAL PRESENCE

With a presence in more than 50 countries, our advanced global support network of domestic and international distributor partners, as well as country-specific technical support teams, put unmatched engineering expertise, applications development, spare part services and comprehensive training in close proximity to all of our customers around the world. As the demand for our waterjet solutions and services continues to grow, so will our comprehensive and highly responsive support system.

A SOLUTION FOR EVERY INDUSTRY AND APPLICATION

Manufacturing challenges vary by industry, material and customer and evolve over time. We work closely with our customers and are committed to providing them with new technology and scalable manufacturing solutions that can optimize any current and future part-processing requirement, whether they run a small job shop cutting traditional metals or a large manufacturing corporation machining exotic alloys.

AEROSPACE

From landing gear to controls to space exploration, our high-precision, multi-axis abrasive waterjets are ideal for the aerospace industry.

- Quickly produce stronger, lighter components
- Easily cut difficult-to-machine materials, including exotic alloys, titanium, aluminum and composites, without thermal distortion

ARCHITECTURE

Our abrasive waterjets simplify architectural design and production, from granite countertops and set designs to outdoor facades and signage.

- Simply and accurately cut complex shapes and inlaid patterns
- Machine a wide range of materials, including stone, concrete, ceramics, hard rubber and glass

TESTING

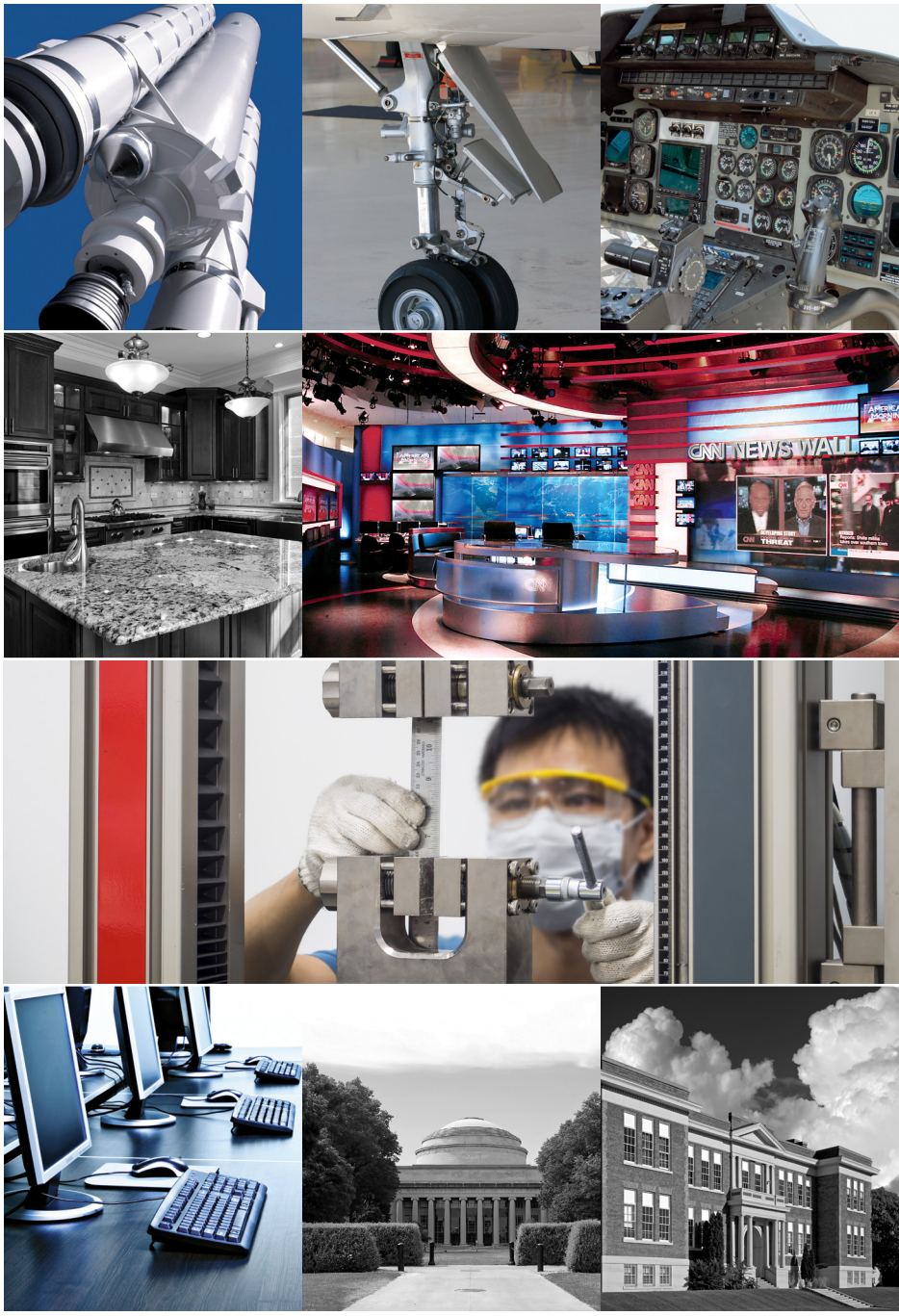
For material and structural integrity testng, our abrasvivejet sstems save time and money with fast cutting and close nesting.

- Built-in parametric shapes allow for fast, easy, and repeatable test coupons
- Smooth part edge quality can reduce or eliminate the need for secondary machining

EDUCATION

Either for training or research, our waterjets serve as learning tools for high school, trade school, college and university engineering and physics labs.

- Fast setup and intuitive software are perfect for the rapid prototyping of experimental concepts and designs
- Range of table sizes, including small-footprint machines ideal for smaller facilities
- Expand research potential with micromachining



ENERGY

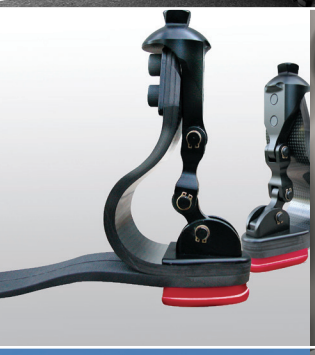
Our precision-focused solutions provide energy-based applications, whether oil and gas exploration or wind power generation, with a competitive advantage.

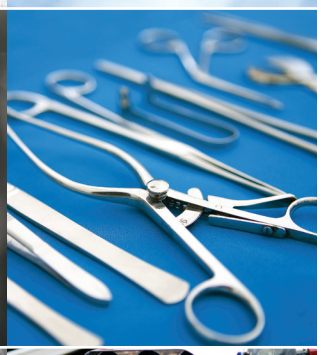
- Cut tough materials such as composites and laminates with no delamination
- Advanced 3D capabilities allow for easy tube and pipe welding prep

GOVERNMENT

Our waterjet systems provide local and national governments, from fire departments to military units, with flexible solutions that save time and money.

- Easy-to-transport and operate mobile machines for rapid field repair
- Quickly machine a wide range of materials from tough metals to exotic alloys





MEDICAL

Our waterjet solutions provide the precision required for medical manufacturing applications, from orthopaedic devices to surgical instruments.

- Reduce cycle times with tight tolerances and fast cutting speeds
- Produce medical components, from titanium to stainless steel, from computer-designed patterns

TRANSPORTATION

From engine components for racecars to suspension brackets to gears for vehicles or trains, our waterjets offer advanced solutions to the transportation industry.

- Cut precision parts from a range of materials, including aluminum, steel and carbon fiber
- Reduce cycle times with no complex tooling changes
- Maximize productivity by stacking sheets and nesting parts

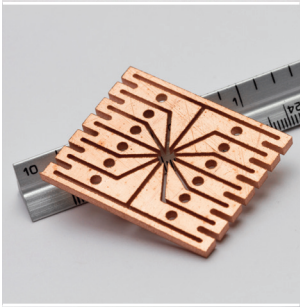
A COMPETITIVE EDGE

VERSATILITY LEADS TO PROFITABILITY

Globalization is quickly changing the world and opening up new markets. At the same time, increasing pressure to shorten production cycles and control costs makes competition tougher than ever. Our OMAX and MAXIEM waterjet systems are available in a broad range of table sizes and pair with a wide variety of accessories to provide the versatility manufacturers need to simplify and optimize their part-production processes. Whether your application involves one-off rapid prototyping or mainstream
just-in-time (J-I-T) manufacturing involving exotic alloys or rubber materials, OMAX gives you the competitive edge you need in the evolving marketplace.

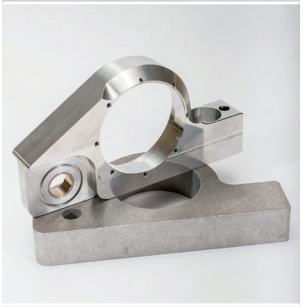
J-I-T MANUFACTURING

- Achieve shorter lead times, fast cutting speeds and minimal fixturing
- Maximize material usage by producing parts as needed
- Improve inventory control by producing parts on demand, with quick setup and cutting



RAPID PROTOTYPING

- Easy-to-use software allows for design changes at any time
- Minimal fixturing for quick setups and reduced cycle times
- Cut test parts from one material and production parts from another via a simple software setting change

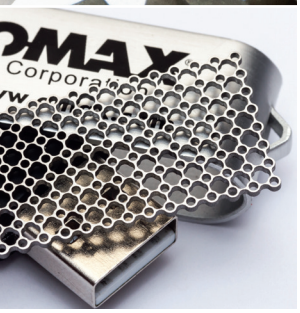


NET BLANK SHAPES

- Complements existing machine tools for reduced overall production time
- Reduce material waste through nesting
- No heat-affected zones simplify final processing

TIGHT TOLERANCES

- Produce high-precision parts within thousandths of an inch
- Tilt-A-Jet® provides the fastest taper-free cutting of any waterjet
- A-Jet® provides taper compensation and 5-axis bevel and angled cut capabilities



MICROMACHINING

- Cut precision miniature parts from several materials, including advanced composites and exotic metals
- 7/15 Mini MAXJET nozzle with small kerf for micromachining fine details
- A-Jet and Rotary Axis for precision 5-axis micromachining

OEM MACHINING

- Maximize profits by producing custom products with little effort
- Cut parts from various materials, opening up new market opportunities
- Allows for single-point production

EXOTIC MATERIALS

- Cut thick to thin parts from conductive and non-conductive materials
- Reliable piercing of fragile and brittle materials
- Smooth surface finishes without secondary operations

LEADING-EDGE SOLUTIONS

INTELLIGENT SOFTWARE

Our intuitive Intelli-MAX® Software Suite leads the waterjet industry in advanced motion control software. Through proprietary technology, our software makes it easy to create precision parts faster and at a lower cost by automatically optimizing tool paths.

- Easy programming tools allow beginners to make high-quality parts with minimal training.
- Integrated CAD/CAM tools make transitioning from design to production fast and seamless.

- Advanced communication tools keep users up-to-speed on machine operations, even from remote locations via smartphone connectivity.
- Continuous software updates meet the diverse and changing needs of manufacturers.

HIGH-EFFICIENCY PUMPS

Our unique direct drive pump technology makes our abrasive waterjet machines the most efficient on the market. Continuously improving upon the innovative design, our pumps provide double the operating life of other designs, as well as provide faster part processing, lower operating costs and easier maintenance.

- Direct drive pumps deliver more horsepower to the cutting nozzle, while using less electricity than older, inefficient intensifier designs.
- Latest generation pumps retrofit to all of our existing waterjet machines.
- Available in a variety of horsepower options, our direct drive pumps meet any specific manufacturing need.

UNRIVALED SUPPORT

A BETTER WAY TO MANUFACTURE

Not only do we produce the world's most advanced abrasive waterjet technology, our commitment to training, service, applications support and education helps our customers maximize their waterjet machine investment, improve their manufacturing processes and grow their businesses.

TRAINING PROGRAMS

We provide our customers with a wide variety of on-site and online training courses to ensure successful machine operation and lower operating costs.

- Hands-on training programs at our headquarters lead customers through the process of making parts, from drawing to cutting.
- Webinar-based operator training programs give customers basic information on how to successfully get their waterjet machines up and running.
- Customized training programs led by our qualified technicians are available to address individual customer needs.

TECHNICAL SUPPORT

We take a comprehensive approach to providing our customers with the technical support they need to optimize their processes and keep their waterjet machines running as seamlessly as possible.

- Online support site provides customers with 24/7 access to our software, product and training materials.
- Connect with our technical experts via phone, fax, e-mail or on-site.

EDUCATING TOMORROW'S MANUFACTURING LEADERS

Through our mentoring and internship programs that cater to technical-based high school and college students, we introduce abrasive waterjet machining to the next generation of operators as well as expose them to lucrative careers in manufacturing.

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