

# MAXIEM JETMACHINING CENTERS

## HIGH PERFORMANCE ABRASIVE WATERJET CUTTING



The next generation MAXIEM® JetMachining® Center sets a new standard for abrasive waterjet machining. Faster, smoother, and more precise, the MAXIEM JetMachining Center delivers superior performance, expanded versatility, and high productivity at an affordable price. Expert factory training and a global network of technical support specialists make it easy for expert and novice waterjet users to experience the latest in advanced abrasive waterjet technology.

### INTELLI-MAX SOFTWARE ADVANTAGE

For over 20 years, OMAX® has invested extensive research and development to provide the most advanced abrasive waterjet software possible. Through software enhancements, your MAXIEM JetMachining Center is capable of advanced 5-axis machining in virtually any material, from aluminum and steel to carbon fiber, titanium, copper, glass, composites, and more.

The Intelli-MAX® Software Suite includes LAYOUT, a full-featured CAD design program, MAKE, the highly powerful machine controller software, and Intelli-VISOR®, the comprehensive system monitoring package.

With LAYOUT, the user, whether a novice or an expert, can quickly and easily create a part file. With the click of a button that part file can be converted into a tool path that is ready for machining. In MAKE, detailed reporting provides highly precise estimates on cut times, allowing for accurate job costing.

With the free Intelli-VISOR SE system monitoring application, the operator can set up detailed maintenance reminders that minimize downtime and maximize production. Advanced notification features send alerts to e-mail or a smartphone,\* keeping the operator aware of the machine operation at all times.

### AVAILABLE ACCESSORIES

- A-Jet® 5-Axis Cutting Head with Smart Taper Control
- Rapid Water Level Control for submerged cutting
- Intelli-VISOR EX Monitoring Expansion Package
- OMAX Mini MAXJET 5i Nozzle
- 7/15 Mini MAXJET 5 Nozzle
- Bulk Abrasive Delivery Assembly
- Terrain Follower/A-Jet
- Collision Sensing Terrain Follower
- Manual Tilt Z-Axis
- Material Holding Kit
- Waterjet Brick Kit
- High Pressure Universal Plumbing
- Bridge-mounted Pause Button and USB Port
- DualPUMP Package
- Additional Seats of Intelli-MAX Software Suite
- Variable Speed Solids Removal System (VS-SRS)
- Water-only MAXJET® 5 Nozzle
- Laser Feature Finder
- Z-Axis Pneumatic Drill
- Splash Shield Kit
- Water Resistant Keyboard and Mouse
- Access Control Circuit Interface for safety interlocks
- Catcher Tank Armor Plating
- Extended Slat Package
- Laminar Filter
- Air and Water Conditioning Kit
- Water Recycling System

\*Optional accessories may reduce travel. Photos may show optional accessories. For a complete list of available accessories, contact an OMAX sales representative. E-mail and smartphone Intelli-VISOR notifications require internet access. Contact OMAX for detailed utility requirements.

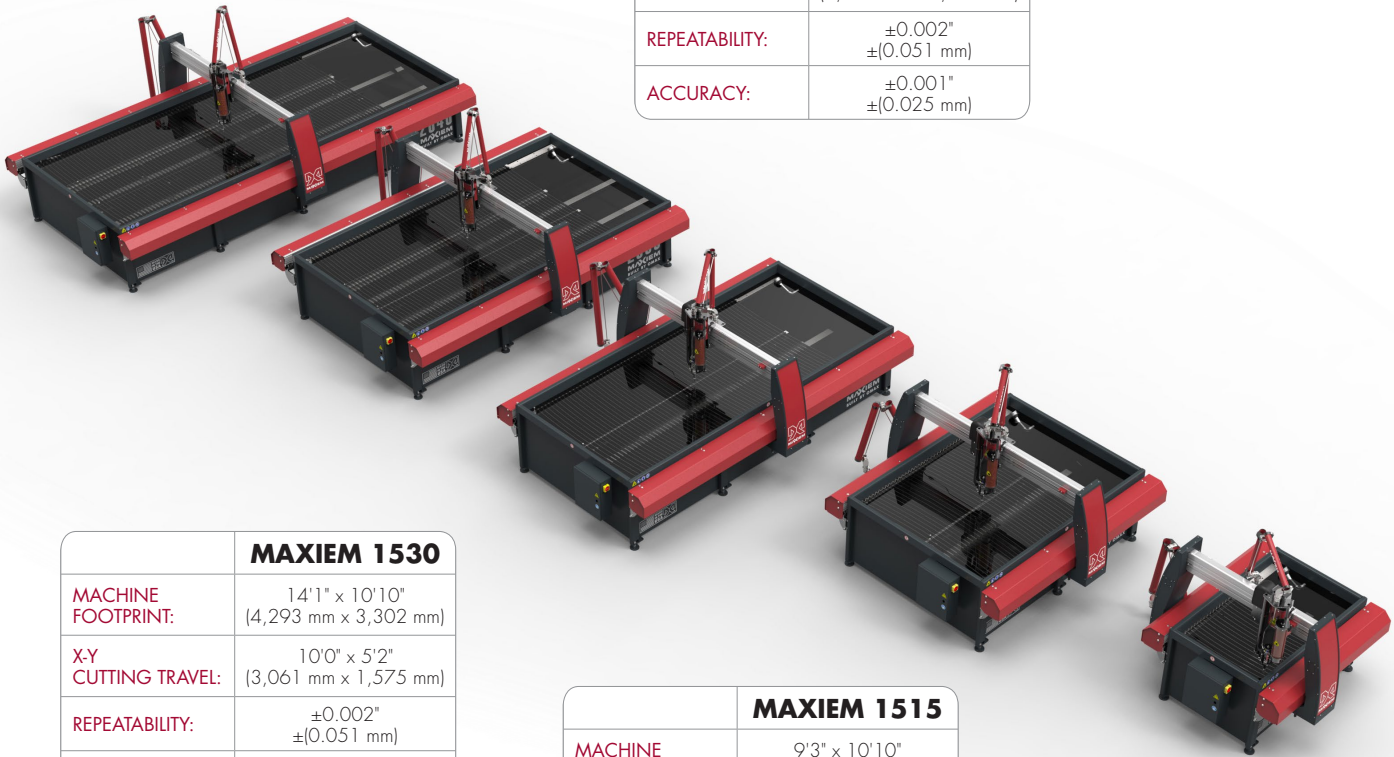


For more information and quote contact  
**Great Lakes Machine & Tool**  
800-758-2951



<b>MAXIEM 2040</b>	
<b>MACHINE FOOTPRINT:</b>	18'0" x 12'2" (5,486 mm x 3,696 mm)
<b>X-Y CUTTING TRAVEL:</b>	13'10" x 6'7" (4,216 mm x 2,019 mm)
<b>REPEATABILITY:</b>	±0.002" ±(0.051 mm)
<b>ACCURACY:</b>	±0.001" ±(0.025 mm)

<b>MAXIEM 2030</b>	
<b>MACHINE FOOTPRINT:</b>	14'1" x 12'2" (4,293 mm x 3,696 mm)
<b>X-Y CUTTING TRAVEL:</b>	10'0" x 6'7" (3,061 mm x 2,019 mm)
<b>REPEATABILITY:</b>	±0.002" ±(0.051 mm)
<b>ACCURACY:</b>	±0.001" ±(0.025 mm)



<b>MAXIEM 1530</b>	
<b>MACHINE FOOTPRINT:</b>	14'1" x 10'10" (4,293 mm x 3,302 mm)
<b>X-Y CUTTING TRAVEL:</b>	10'0" x 5'2" (3,061 mm x 1,575 mm)
<b>REPEATABILITY:</b>	±0.002" ±(0.051 mm)
<b>ACCURACY:</b>	±0.001" ±(0.025 mm)

<b>MAXIEM 1515</b>	
<b>MACHINE FOOTPRINT:</b>	9'3" x 10'10" (2,819 mm x 3,302 mm)
<b>X-Y CUTTING TRAVEL:</b>	5'2" x 5'2" (1,575 mm x 1,575 mm)
<b>REPEATABILITY:</b>	±0.002" ±(0.051 mm)
<b>ACCURACY:</b>	±0.001" ±(0.025 mm)

<b>MAXIEM 0707</b>	
<b>MACHINE FOOTPRINT:</b>	6'7" x 8'3" (2,007 mm x 2,515 mm)
<b>X-Y CUTTING TRAVEL:</b>	2'7" x 2'6" (794 mm x 775 mm)
<b>REPEATABILITY:</b>	±0.002" ±(0.051 mm)
<b>ACCURACY:</b>	±0.001" ±(0.025 mm)

## MAXIEM DIRECT DRIVE PUMPS

	<b>MOTOR POWER</b>	<b>JET POWER*</b>
<b>M20</b>	20 HP (15 kW)	17 HP (12.5 kW)
<b>M30</b>	30 HP (22 kW)	25.5 HP (19 kW)
<b>M40</b>	40 HP (30 kW)	34 HP (25 kW)

\*JetPower is directly proportional to the water pressure at the nozzle times the volume flow rate of the waterjet stream. For MAXIEM DualPUMP Package options up to 80 HP, contact a MAXIEM sales representative.



UL 508A, CAN/CSA C22.2 No. 14, CAN/CSA C22.2 No. 73  
Specifications subject to change without notice.  
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## ABOUT OMAX

OMAX is the global total solutions provider in advanced abrasive waterjet systems. Our intuitive Intelli-MAX Software Suite simplifies programming and reduces setup times, increasing your productivity. OMAX engineers continue to innovate technology for abrasive waterjet machining, from proven 4th generation pump designs to cutting edge drive systems with micron-level accuracy. With the largest abrasive waterjet support network in the world, OMAX continues to shape the future of waterjets.

To see how a MAXIEM JetMachining Center can save you time and money, call or visit our website and request a free part analysis today.

For more information and quote contact  
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Made in the USA