



**OMAX®**

A Hypertherm Associates Brand

# MAXIEM JetMachining Centers



## Superior performance with maximum productivity

Fast, smooth, and accurate, the MAXIEM® JetMachining® Center is ideal for the ambitious shop where new challenges are a permanent driving force. The MAXIEM waterjet system was developed, tested, and built in keeping with OMAX technology standards to deliver:

- Superior performance with its innovative IntelliTRAX® drive system
- Expanded versatility with multi-axis cutting head options
- High productivity with powerful and durable OMAX direct drive & intensifier pumps
- Easy-to-use IntelliMAX® Premium Software Suite simplifies operation while maximizing production
- IntelliVISOR® Mobile app allows you to monitor your machine from anywhere
- Affordable price point across the entire MAXIEM product line
- Customized options to tailor your MAXIEM system for your specific needs

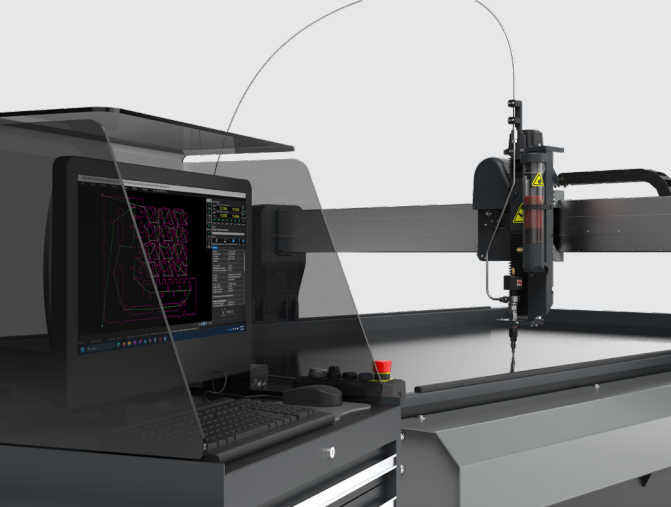
However you customize your MAXIEM, remember that there are no limits to its potential.

A system designed for your needs

Whether you need a small machine for rapid prototyping, or a large system capable of working with standard sheet and plate sizes for full-scale production, the MAXIEM JetMachining Center is customizable to fit your needs. Regardless of system size, every MAXIEM machine brings the same great performance and high reliability, maximizing your potential.

MAXIEM model specifications

Family Specs	
X-Y Speed	12.70 m/min (500 ipm)
Linear axis accuracy	0.076 mm (0.003")
Linear axis repeatability	0.025 mm (0.001")
Ballbar circularity	0.127 mm (0.005")



IntelliMAX software advantages

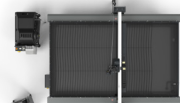
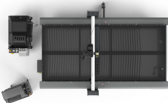
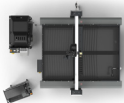
For decades, we have invested in extensive research and development to provide the most advanced abrasive waterjet software possible. Through software enhancements, your MAXIEM JetMachining Center is capable of advanced 5-axis machining in virtually any material, from aluminum and steel to carbon fiber,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

The IntelliMAX Premium Software Suite includes:

- LAYOUT, a full-featured CAD design program
- MAKE, the highly powerful machine controller software
- IntelliVISOR Console, the comprehensive system monitoring package
- IntelliVISOR Mobile app puts machine monitoring in your hand. Review status, get notified, or remotely pause the machine. Available for iOS® and Android®.

The IntelliMAX Premium Software Suite benefits:

- Ease of use:
  - With LAYOUT, the user, whether a novice or an expert, can quickly and easily create a part file. With one click, that part file can be converted into a tool path that is ready for machining.
- Built-in intelligence:
  - In MAKE, detailed reporting provides highly precise estimates on cut times, allowing for accurate job costing.
  - The IntelliVISOR Console lets the operator set up detailed maintenance reminders that minimize downtime and maximize production.



Machine Specs	1515X	1530X	2030X	2040X	2060X	2080X	3060X
Standard Layout Footprint	4.04 m x 3.78 m (13' 3" x 12' 5")	5.61 m x 4.14 m (18' 5" x 13' 7")	5.49 m x 4.01 m (18' 0" x 13' 2")	6.63 m x 3.94 m (21' 9" x 12' 11")	8.76 m x 3.94 m (28' 9" x 12' 11")	10.69 m x 3.94 m (35' 1" x 12' 11")	8.69 m x 5.03 m (28' 6" x 16' 6")
Weight (tank empty)	2,722 kg (6,000 lb)	3,175 kg (7,000 lb)	3,402 kg (7,500 lb)	3,856 kg (8,500 lb)	4,763 kg (10,500 lb)	5,806 kg (12,800 lb)	11,793 kg (26,000 lb)
Height	2.95 m (9' 8")	3.20 m (10' 6")	2.69 m (8' 10")	2.69 m (8' 10")	2.69 m (8' 10")	3.15 m (10' 4")	2.69 m (8' 10")
Operating Weight	6,402 kg (14,144 lb)	9,067 kg (19,990 lb)	10,629 kg (23,432 lb)	12,829 kg (28,283 lb)	17,941 kg (39,553 lb)	22,735 kg (50,123 lb)	31,799 kg (70,105 lb)
X-Y Cutting travel	1.57 m x 1.57 m (5' 2" x 5' 2")	3.04 m x 1.57 m (10' 0" x 5' 2")	3.04 m x 2.00 m (10' 0" x 6' 7")	4.21 m x 2.00 m (13' 10" x 6' 7")	6.24 m x 2.00 m (20' 6" x 6' 7")	8.28 m x 2.00 m (27' 2" x 6' 7")	6.24 m x 3.09 m (20' 6" x 10' 2")
Z-Axis travel	304 mm (12")	304 mm (12")	304 mm (12")	304 mm (12")	304 mm (12")	304 mm (12")	304 mm (12")
Table size	2.24 m x 1.73 m (7' 4" x 5' 8")	3.71 m x 1.73 m (12' 2" x 5' 8")	3.71 m x 2.13 m (12' 2" x 7' 0")	4.90 m x 2.13 m (16' 1" x 7' 0")	6.93 m x 2.13 m (22' 9" x 7' 0")	8.48 m x 2.13 m (27' 10" x 7' 0")	6.93 m x 3.25 m (22' 9" x 10' 8")

NOTE: Optional accessories may reduce travel. Check with OMAX Sales for availability.

Available accessories\*

- VersaJET® 5-axis cutting head with smart taper control
  - Rapid water level control for submerged cutting
  - Additional seats of IntelliMAX Software Suite
  - IntelliCAM® 3D Pathing Software
  - Bulk abrasive delivery assembly
  - Terrain follower for VersaJET
- Vacuum clog sensor
  - Collision sensing terrain follower
  - High-pressure universal swivel plumbing
  - Variable speed solids removal system (VS-SRS)
  - Laser feature finder
  - Laminar filter
  - Z-Axis pneumatic drill
  - Under bridge lighting
  - Water recycling system



World-class service, support and innovation for advanced abrasive waterjet systems

OMAX, part of Hypertherm Associates, sets the standard for service and support in the waterjet machine tool industry. It starts with a rigorous certification program at OMAX in Kent, Washington where OMAX direct and distributor technicians are trained to install, operate and maintain OMAX abrasive waterjet systems. 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. Customers have a number of contact options to suit their schedules and needs, including an extensive library of online resources. With the largest abrasive waterjet support network in the world, OMAX continues to shape the future of waterjets.

To see how an OMAX abrasive waterjet system can save you time and money, call or visit our website and request a free part analysis today.

\*Optional accessories may reduce travel. Photos may show optional accessories. For a complete list of available accessories, contact an OMAX sales representative.

# SHAPING POSSIBILITY®

PLASMA | LASER | WATERJET | AUTOMATION | SOFTWARE | CONSUMABLES



For more information, visit: [www.omas.com](http://www.omas.com)

Unless otherwise noted in the collateral, all trademarks are property of Hypertherm, Inc. and may be registered in the United States and/or other countries. All other trademarks are the properties of their respective owners.

Please visit [www.omas.com/patents](http://www.omas.com/patents) for more details about OMAX patent numbers and types.

© 9/2025 OMAX Corp. Revision 3  
MKT087



As 100% Associate owners, we are all focused on delivering a superior customer experience. [www.hyperthermassociates.com/ownership](http://www.hyperthermassociates.com/ownership)

Environmental stewardship is one of Hypertherm Associates' core values. [www.hyperthermassociates.com/environment](http://www.hyperthermassociates.com/environment)

100% Associate-owned

