



GLOBALMAX JETMACHINING CENTERS

HIGH PERFORMANCE ABRASIVE WATERJET CUTTING

Essential, easy to use and powerful, GlobalMAX is ideal for the facility looking to add basic waterjet cutting capabilities. The robust and straightforward design delivers dependable performance and easy serviceability to provide maximum uptime. The GlobalMAX JetMachining Center was developed, tested, and built in keeping with the OMAX philosophy of performance, reliability, and ease of use. The GlobalMAX product line is manufactured and assembled alongside our OMAX and MAXIEM waterjet lines in Kent, Washington.



INTELLI-MAX SOFTWARE ADVANTAGE

The Intelli-MAX software suite enables operators to easily import, create, and machine parts out of virtually any material. Developed exclusively for abrasive waterjets, our Intelli-MAX software features advanced cutting algorithms that optimize cutting speed.

GLOBALMAX PUMPS

Our direct drive pumps efficiently deliver horsepower (cutting power) to the machine nozzle. Designed to operate 500 hours between maintenance cycles, the GlobalMAX pump provides dependable performance. GlobalMAX pumps are available in 20 and 30 horsepower configurations.

WORLD-CLASS SERVICE & SUPPORT

OMAX sets the standard for service and support in the machine tool industry. It starts with a rigorous certification program at OMAX headquarters where OMAX direct and distributor technicians are trained to install, operate and maintain the GlobalMAX line. Customers have a number of contact options to suit their schedules and needs, including an extensive library of online resources.

AVAILABLE ACCESSORIES

- Terrain Follower
- Pneumatic Drill
- Laser Feature Finder
- Air & Water Spray Down Kit
- Bulk Feed Hopper

*Optional accessories may reduce travel. Photos may show optional accessories. For a complete list of available accessories, contact an OMAX sales representative. Contact OMAX for detailed utility requirements.



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BUILT BY OMAX

Specifications subject to change without notice.
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A SYSTEM DESIGNED FOR YOUR NEEDS

Whether you need a small-sized machine for rapid prototyping, or a large system capable of working with standard sheet and plate sizes for full-scale production, the GlobalMAX line offers options for both. Regardless of system size, every GlobalMAX machine brings the same great performance and high reliability, maximizing your potential.



	GLOBALMAX 1508	GLOBALMAX 1530	GLOBALMAX 2040
MACHINE FOOTPRINT:	5'3" x 12'0" (1.600 m x 3.660 m)	12'8" x 12'0" (3.861 m x 3.660 m)	15'11" x 13'6" (4.851 m x 4.114 m)
X-Y CUTTING TRAVEL ¹ :	2'7" x 5'0" (800 mm x 1,525 mm)	10'0" x 5'0" (3,050 mm x 1,530 mm)	13'3" x 6'8" (4,038 mm x 2,032 mm)
HEIGHT:	8'0" (2.44 m)	9'0" (2.75 m)	9'3" (2.82 m)
LINEAR POSITIONAL ACCURACY:	±0.003" (±0.076 mm)	±0.003" (±0.076 mm)	±0.003" (±0.076 mm)
BALL BAR CIRCULARITY:	±0.007" (±0.178 mm)	±0.007" (±0.178 mm)	±0.007" (±0.178 mm)
REPEATABILITY:	±0.001" (±0.025 mm)	±0.001" (±0.025 mm)	±0.001" (±0.025 mm)

GLOBALMAX DIRECT DRIVE PUMPS

	PRESSURE	MOTOR POWER	JET POWER*	ORIFICE & FLOW RATE
GLOBALMAX 20	45,000 psi (3,100 bar)	20 HP (15 kW)	17 HP (12.5 kW)	0.012" / 0.62 gpm 0.30 mm / 2.35 lpm
GLOBALMAX 30		30 HP (22 kW)	25.5 HP (19 kW)	0.015" / 0.96 gpm 0.38 mm / 3.63 lpm

*JetPower is directly proportional to the water pressure at the nozzle times the volume flow rate of the waterjet stream.



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



UL 508A, CAN/CSA C22.2 No. 14,
CAN/CSA C22.2 No. 73
ISO 9001:2015 Certified

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