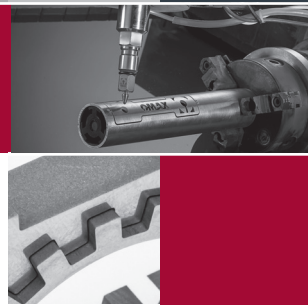


OMAX JETMACHINING CENTERS

PREMIUM HIGH-PRECISION WATERJET CUTTING



Fast. Efficient. Precise. The premier OMAX JetMachining Center is designed for advanced facilities where the desire for performance and results are paramount. A production workhorse in any manufacturing environment, the OMAX JetMachining Center delivers high precision multi-axis parts quickly and consistently in almost any material, maximizing machining throughput. Our innovative Intelli-MAX software enables precise and lightning-quick responses to a variety of cutting situations. Long-life and hard-wearing materials reduce maintenance items to a minimum, boosting uptime and productivity to improve your bottom line, so it is no surprise that over 90% of all OMAX JetMachining Centers are still being used today.

THE INTELLI-MAX ADVANTAGE

The Intelli-MAX® Software Suite provides the OMAX waterjet operator with all the tools needed to design and manufacture parts. By integrating the patented cutting intelligence into the controller, the operator is able to focus on creating the part, while the machine optimizes the cutting to maximize speed and precision.

THE OMAX TECHNOLOGY GUARANTEE

The OMAX Technology Guarantee entitles you, as the original owner of an OMAX JetMachining Center, to free OMAX software upgrades for the life of the machine.

ENDUROMAX PUMP INNOVATION

The EnduroMAX® pump is the advanced direct drive pump that delivers the most horsepower to the nozzle. With 1000 hours between maintenance cycles, the EnduroMAX is the best choice for reliable and robust ultra high pressure waterjet pumps.

- **3060V** 30 hp (22kW), 60,000 psi (4,138 bar)
- **4060V** 40 hp (30 kW), 60,000 psi (4,138 bar)
- **5060V** 50 hp (37 kW), 60,000 psi (4,138 bar)

DUALBRIDGE SYSTEM

OMAX DualBRIDGE System available on 80X and larger models



WORLD-CLASS CUSTOMER SERVICE & SUPPORT

Designed, manufactured, and supported all from our factory in Kent, Washington, OMAX maintains the world's most responsive service and support system in the waterjet industry. We are committed to providing the best and most complete customer service worldwide, from training to support, both remotely and onsite, as OMAX continues to provide the best abrasive waterjet solution for your manufacturing needs. With your OMAX JetMachining Center, you receive free training at the OMAX Training Facility in Kent, Washington for the life of the machine.

5TH GENERATION 100HP TECHNOLOGY

The industry's first reliable 60,000 psi 100 hp ultra-high pressure direct drive pump design, the 100HP Pump's synchronized cylinders delivers the smoothest jet flow while delivering 30% more power than 100 hp intensifier designs.

- **10060V** 100 hp (74 kW), 60,000 psi (4,138 bar)

AVAILABLE ACCESSORIES:

- **A-JET®**
for cutting beveled edges at specific angles
- **TERRAIN FOLLOWER/A-JET**
for an automatic Z-axis height adjustment
- **TILT-A-JET®**
for advanced taper removal for perfectly square part edges
- **COLLISION SENSING TERRAIN FOLLOWER**
automatically adjusts to accommodate uneven part surfaces
- **ROTARY AXIS**
for creating complex 3D parts and tube & pipe cutting

Visit the OMAX website for a complete list of available accessories.



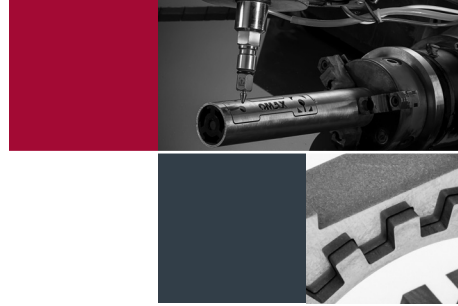
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Specifications subject to change without notice.
600076G © OMAX Corporation July 2017



FACTORY TESTED, FIELD PROVEN

All OMAX JetMachining Centers are extensively tested at the factory, including a ballbar circularity test and test cuts to ensure precision. With thousands of machines installed and operating worldwide, the OMAX JetMachining Center is proven to be fast, precise, and reliable, with low maintenance and high production rates.



CANTILEVER



	MODEL 2626	MODEL 2652	MODEL 5555	MODEL 55100
MACHINE FOOTPRINT:	9'8" x 6'0" (2.946 m x 1.829 m)	11'7" x 5'7" (3.531 m x 1.702 m)	10'11" x 7'11" (3.327 m x 2.413 m)	12'11" x 7'10" (3.937 m x 2.388 m)
X-Y CUTTING TRAVEL:	2'5" x 2'2" (737 mm x 660 mm)	4'4" x 2'2" (1,321 mm x 660 mm)	4'7" x 4'7" (1,397 mm x 1,397 mm)	8'4" x 4'7" (2,540 mm x 1,397 mm)
LINEAR POSITIONAL ACCURACY:	±0.001" (±0.025 mm)	±0.001" (±0.025 mm)	±0.001" (±0.025 mm)	±0.001" (±0.025 mm)
BALLBAR CIRCULARITY:	±0.0025" (±0.064 mm)	±0.0025" (±0.064 mm)	±0.0025" (±0.064 mm)	±0.0025" (±0.064 mm)
REPEATABILITY:	±0.001" (±0.025 mm)	±0.001" (±0.025 mm)	±0.001" (±0.025 mm)	±0.001" (±0.025 mm)

BRIDGE

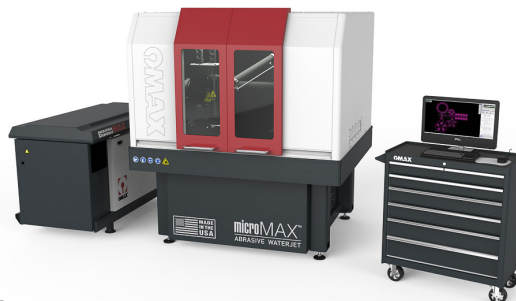


	MODEL 60120	80X SERIES	120X SERIES	160X SERIES
MACHINE FOOTPRINT:	18'9" x 9'2" (5.715 m x 2.794 m)	22'1" x 12'8" (6.731 m x 3.861 m) to 35'0" x 15'0" (10.668 m x 4.572 m)	21'8" x 17'3" (6.604 m x 5.258 m) to 55'0" x 19'2" (16.764 m x 5.842 m)	29'4" x 21'8" (8.941 m x 6.604 m) to 56'0" x 21'8" (17.069 m x 6.604 m)
X-Y CUTTING TRAVEL:	10'6" x 5'2" (3,200 mm x 1,575 mm)	13'4" x 6'8" (4,064 mm x 2,032 mm) to 26'8" x 6'8" (8,128 mm x 2,032 mm)	13'4" x 10'0" (4,064 mm x 3,048 mm) to 46'8" x 10'0" (14,224 mm x 3,048 mm)	20'0" x 13'4" (6,096 mm x 4,064 mm) to 46'8" x 13'4" (14,224 mm x 4,064 mm)
LINEAR POSITIONAL ACCURACY:	±0.001" (±0.025 mm)	±0.001" (±0.025 mm)	±0.001" (±0.025 mm)	±0.001" (±0.025 mm)
BALLBAR CIRCULARITY:	±0.0025" (±0.064 mm)	±0.003" (±0.076 mm)	±0.005" (±0.127 mm)	±0.005" (±0.127 mm)
REPEATABILITY:	±0.001" (±0.025 mm)	±0.001" (±0.025 mm)	±0.001" (±0.025 mm)	±0.001" (±0.025 mm)

NOTE: For larger table sizes, ask an OMAX sales representative for optional dimensions available in a model series. Optional accessories may reduce travel. Check with OMAX Sales for availability.

MICROMAX

The industry standard for high precision abrasive waterjet micromachining



MACHINE FOOTPRINT:	74" x 84" (1,880 mm x 2,134 mm)
X-Y CUTTING TRAVEL:	25" x 25" (635 mm x 635 mm)
BALLBAR CIRCULARITY:	±13 microns (±0.0005")
REPEATABILITY:	±2.5 microns (±0.0001")



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

WWW.OMAX.COM

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