



PRECISION ABRASIVE WATERJET SYSTEMS

Equipment Specifications

2626|xp



Shown with EDM fixturing.

Standard Features

- Finer motor command resolution and error mapping
- Stainless steel tank, stainless steel slats and stainless slat holders
- The OMAX MAXJET® 5 MiniJet Nozzle Assembly offers minimal kerf width of 0.022" and an inside radius of 0.011" for fine detail work
- Tilt-A-Jet® automatically removes natural taper of the jet, producing square edged parts with no additional user programming
- Precision Optical Locator
- Mounting points for EDM-style tooling
- Industrial water resistant keyboard and mouse
- OMAX Catcher Tank Cooler for thermal stability
- P3055V Pump
- 600 lb abrasive delivery system
- Solids Removal System (SRS)
- Precision X-Y axis rigidly mounted to the cutting table
- Pre-loaded linear bearing and precision ball screws
- Complete component protection against water, dirt, and grit
- Rapid water level control for submerged cutting

Abrasivejet Benefits

- Machines a wide range of materials and thicknesses
- Does not create heat-affected zones or mechanical stresses
- Rapid setup, no tool changes are required
- Minimal fixturing required
- Leaves behind a satin smooth edge, reducing secondary operations
- No noxious gases, liquids, or oils are used in (or caused by) the machining process
- Completes most work below 80 dBA for submerged cutting
- Patented "Compute First-Move Later" motion control system including CAD/CAM software with online help

OMAX® 2626|xp JetMachining® Center

Ultra-precise abrasivejet machining: When you need ultimate precision with an abrasivejet.

The Model 2626|xp JetMachining Center is a 5-Axis programmable abrasive waterjet machining system that produces complex parts out of most materials directly from a CAD drawing or DXF file.

All stainless steel construction (catcher tank, slats and slat holders) prevents rust contamination for medical applications.

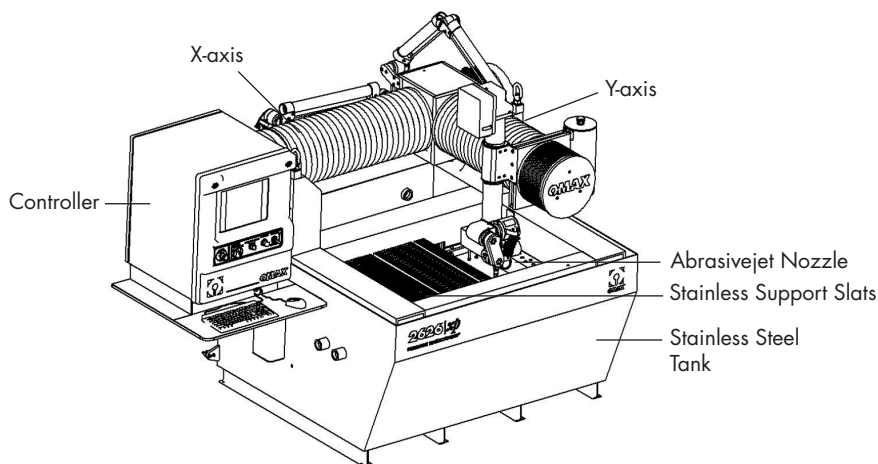
Connect and follow OMAX for the latest news in waterjet technology.



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

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OMAX 2626|xp JetMachining Center



Optional Accessories

- Waterjet Brick for cutting thin materials
- Splash Shield Kit
- Weir Tank
- Stainless Steel Frame Cover Kit
- Material Holding Kits

Machine Dimensions

Footprint (with controller)	72" x 116"	(1,829 mm x 2,946 mm)
Weight (tank empty)	3,520 lb	(1,600 kg)
Height	95"	(2,413 mm)
Operating Weight (with water in tank)	7,017 lb	(3,190 kg)

Work Envelope

X-Y Cutting Area	29" x 25"	(737 mm x 635 mm)
Table Size	46" x 31"	(1,168 mm x 787 mm)

(Optional accessories may reduce travel.)

Computer Control System

Hardware	Windows® 7 PC-based controller
Control Software	Integrated CAD/CAM system directly uses DXF files

Drive Description

- Closed loop, digital drives
- Brushless servo motors
- Pre-loaded ball screws, recirculating balls
- Linear bearings with hardened, precision ground ways
- Cantilever Y-axis on bridge X-axis

Speed

- 90 inches per minute standard (2,286 mm/min)

Positioning Accuracy

Ball Bar Circularity (Over 12")	
At Max. Traverse Velocity	±0.001" (±0.025 mm)

(Contingent on Environmental Requirements.)

Environmental Requirements

- Room air temperature 70°F (±2°) maintained for 24 hours prior to and during operation
- Catcher tank water temperature 70°F (±1°) maintained through use of OMAX Catcher Tank Cooler
- Machine table must be level and maintain level when jogging machine through the entire travel
- No external mechanical or thermal load is allowed on any part of the machine table

Electrical Requirements

- 3-Phase, 380-480 VAC ±10%, 50-60 Hz
- (Note: Contact OMAX for detailed utility requirements. Pumps are built to meet UL and CE specifications.)

Pump

- 3055V Pump Package Standard
- (Note: You may require a chiller if your water temperature is in excess of 70°F.)

Noise Level

- Below 80 dBA for submerged cutting

About OMAX

OMAX has the industry leading patented abrasivejet controller with a built-in expert system. Our exclusive "Compute First-Move Later" motion control system automates most programming and tool setup work, virtually eliminating the need for extensive operator training. Plus, with free OMAX Intelli-MAX® Software upgrades for the life of the machine and our ongoing commitment to advance the efficiency of our technology and software, OMAX saves you time and money.

For information on what other OMAX products and accessories can do for you, call us today at 800-838-0343 or visit our website at www.omax.com.



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