

Made in USA

MAXIEM 2040 WATERJET

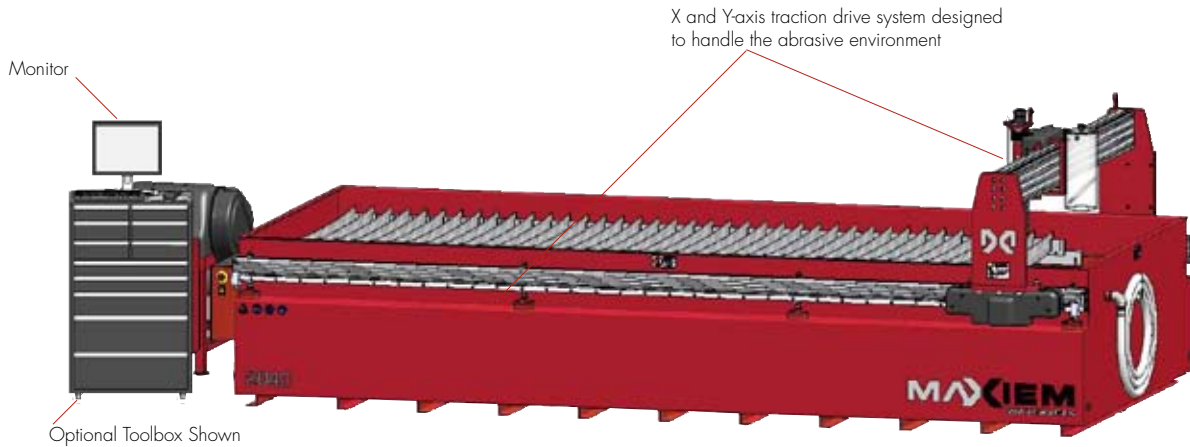
This abrasivejet system cuts complex flat parts out of most materials including metal, plastic, glass, ceramics, stone and composites directly from a CAD or DXF file. Extremely hard, reflective and nonconductive materials can also be cut, making it a valuable addition to existing shop capabilities. Parts are cut directly from plate with a single tool dramatically reducing setup time and material usage.

STANDARD FEATURES

- X-Y table with Motorized Z-Axis
- Durable abrasive feed system
- Abrasive Nozzle Assembly
- Intelli-MAX® Basic Control Software
- 20 HP high-pressure direct drive 50,000 PSI pump
- 1 year warranty
- Installation assistance & basic machine overview training

ABRASIVEJET BENEFITS

- Machines a wide range of materials and thicknesses
- X & Y drive system designed for the abrasive environment
- Does not create heat-affected zones or mechanical stresses
- Rapid setup, no tool changes required
- Minimal fixturing required
- No noxious gases, liquids or oils used in (or caused by) the machining process



MACHINE DIMENSIONS

Footprint	202" x 112" (5,131 mm x 2,845 mm)
Weight (tank empty)	9,000 lbs (4,082 kg)
Operating Height	12 ft (3,658 mm)
Operating Weight	34,000 lbs (15,422 kg)

WORK ENVELOPE

X-Y Cutting Travel	160" x 79" (4,064 mm x 2,006 mm)
Table Size	189" x 81" (4,801 mm x 2,057 mm)
Material Support Slats	4" x 14 Ga (102 mm x 2 mm) Galvanized Steel
Maximum Supported Material Load	125 lbs/sq ft (600 kg/sq meter)

PATENT PENDING DRIVE SYSTEM

- Closed loop high pole vector drives
- Stainless steel hardened precision ground shaft ways
- Bridge-style Y-axis
- Traction drive with linear encoder in X and Y-axis
- Motor controlled Z-axis

ACCURACY OF MOTION AT 70° F

Ballbar Circularity (Over 12")
(Over 305 mm) ±0.005" (±0.13 mm)

PUMP OPTIONS

30 horsepower (22 kW), 50,000 psi (3,450 bar)

COMPUTER CONTROL SYSTEM

Intelli-MAX® Basic Control Software with CAD/CAM

TRAVERSE SPEED

Maximum Traverse Speed 590 inches/min (15 m/min)

OPTIONAL ACCESSORIES

- | | |
|--|---|
| <ul style="list-style-type: none"> Additional Software Seats Air & Water Conditioning Kit Bulk Abrasive Feed Assembly Catcher Tank Armor Plating Chiller Closed Loop System Dual Cutting Head Dual Pump Package Extended Warranty Jet Brick Kit Manual Tilt Z | <ul style="list-style-type: none"> MAXIEM Start Up Kit Scissor Plumbing Solids Removal System (SRS) Splash Shield Kit Terrain Follower (TF) Toolbox Water Only Cutting Nozzle Weir Tank |
|--|---|

* Optional accessories may reduce cutting travel. Contact MAXIEM for information and availability.