



Made in USA

MAXIEM 1530 WATERJET

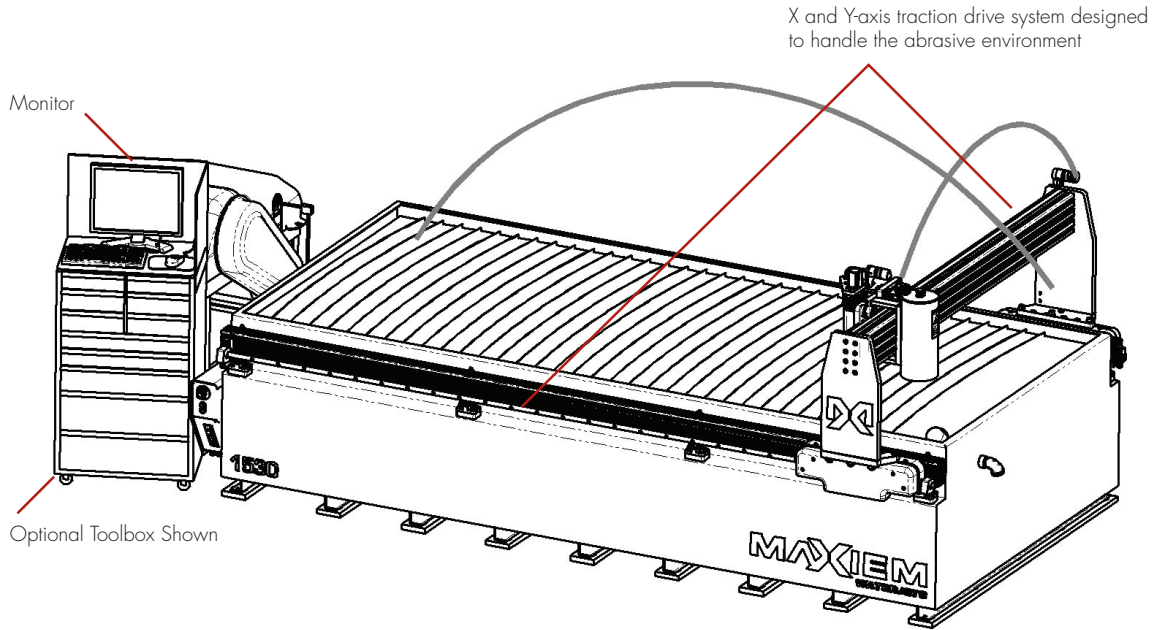
This abrasivejet system cuts complex flat parts out of most materials including metal, plastic, glass, ceramics, stone and composites directly from a CAD or DXF file. Extremely hard, reflective and nonconductive materials can also be cut, making it a valuable addition to existing shop capabilities. Parts 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
- MX 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	164" x 98" (4,166 mm x 2,489 mm)
Weight (tank empty)	6,212 lbs (2,818 kg)
Operating Height	10 ft (3,048 mm)
Operating Weight	23,200 lbs (10,545 kg)

WORK ENVELOPE

X-Y Travel	122" x 62" (3,100 mm x 1,575 mm)
Table Size	151" x 69" (3,835 mm x 1,752 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)

BALLBAR SPEED

180 inches/min (4,572 mm/min)

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 787 inches/min (20 M/min)

OPTIONAL ACCESSORIES

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

MAXIEM Start-up Kit
Scissor Plumbing
Solids Removal System (SRS)
Splash Shield Kit
Terrain Follower (TF)
Toolbox
Water Only Cutting Nozzle
Weir Tank