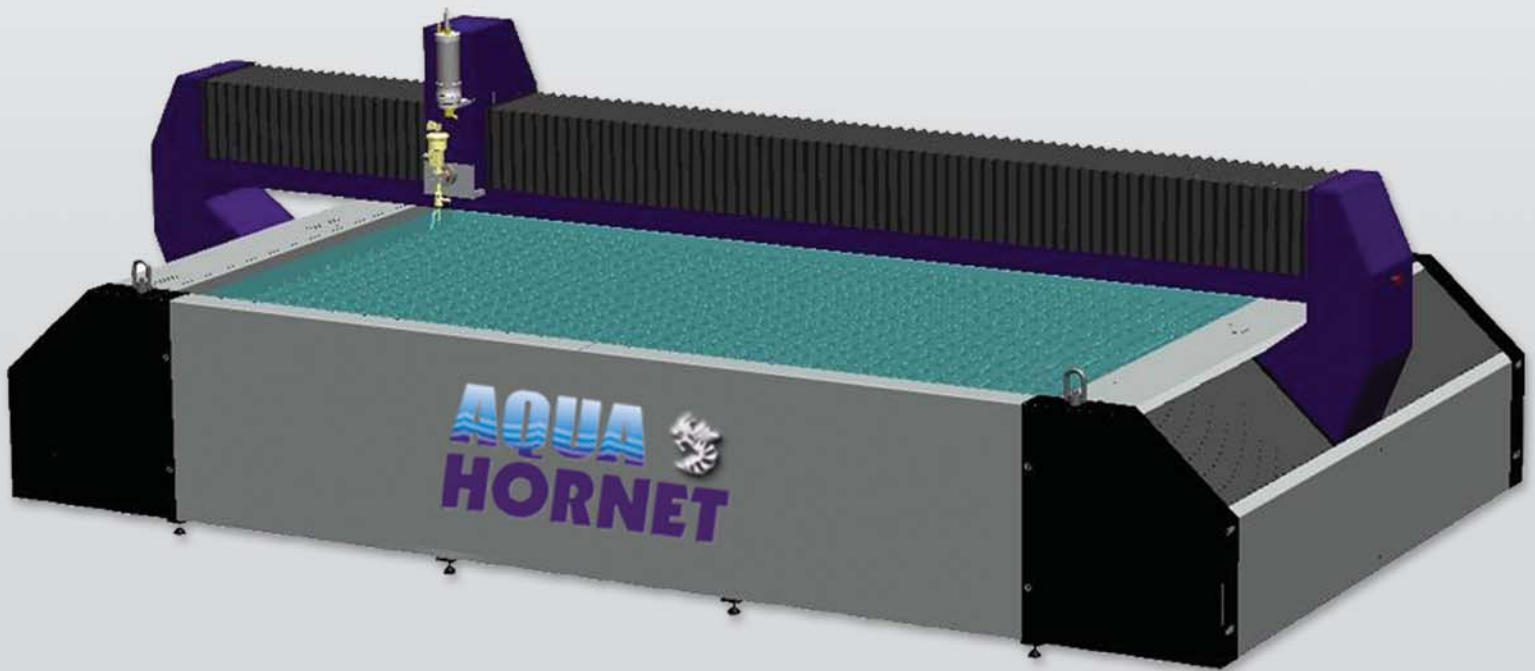


# RETRO SYSTEMS

## AQUA HORNET™



*Precision CNC Profile Cutting Innovation*

### AQUA HORNET™ STANDARD FEATURES:

- Heavy Wall Steel Tubing Machine Frame and Beam
- Integrated Cutting Table with Remotely Adjustable Water Level
- Remote Pedestal Hypertherm® Automation CNC Control
- 1,000 IPM (25m/min) Rapid Traverse Speed
- 1,100 Watt (1.6 HP) AC Servo Motors and Drive Amplifiers
- Linear Encoder Feedback on X and Y Axes
- Helical Rack & Pinion Drive on X & Y Axes
- Z-Axis Lifter Powered by Linear Actuator
- Bellows Covering All Drive Axes and Cable Carriers
- Master Tool Carriage
- High Pressure Whip Delivery System

### CNC CONTROL & OPERATOR CONTROL CONSOLE FEATURES:

- Microsoft® Windows® XP® - Embedded Version
- Hypertherm® Automation Phoenix® Motion Control Software
- Intel 2.4 Ghz or greater, 512 Megabytes RAM
- 60.0 Gigabyte Hard Drive or greater
- PS2 Keyboard & Mouse Ports
- (1) On-board RJ-45 10/100 Base-T Ethernet port
- (5) 2.0 USB & (2) Serial-9 Pin Ports
- Machine Side Opto-Isolation
- 68 Standard Shapes Included
- 15" (380mm) LCD Touch-Screen Monitor
- Industrial Keyboard and Mouse
- Multiple E-STOP Buttons

### AQUA HORNET OPTIONS:

- Second Tool Carriage for Additional Cutting Head
- Various Waterjet Cutting Heads
- Waterjet/Plasma Combination Available
- Abrasive Feed Control
- Abrasive Removal Systems
- MTC CNC Programming Software

### MACHINE SPECIFICATIONS

Linear Positional Accuracy +/- .005" (.127mm)  
 Repeatability +/- .001" (.025mm)

Effective Cutting Widths:	4', 5', 6' (1.2m, 1.5m & 1.8m)
Effective Cutting Lengths:	4', 8', 10', 12' (1.2m, 2.5m, 3.0m & 3.6m)
Maximum Traverse Speed	1,000 IPM (25m/min)
Maximum Tools	(2) Cutting Heads
Waterjet Intensifier Pressures	Up to 90,000 PSI
Input Power - Machine	240VAC Single Phase, 25A Dedicated Circuit
Input Power - Intensifier	Refer to Intensifier Manufacturer's Manual

Streamline Pro® and Autoline Pro® are registered trademarks of KMT Waterjet Systems



**KMT STREAMLINE PRO® INTENSIFIERS**



**AUTOLINE PRO® CUTTING NOZZLES**

## RETRO SYSTEMS

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