The AQUA HORNET 1000 waterjet cutting system provides state-of-the-art motion control, superior accuracy, and cutting-edge technology to meet all your waterjet cutting needs. Its modular design allows for a wide range of configurations and profit-building applications.

**CUTTING-EDGE WATERJET TECHNOLOGY**
Our precision pump system increases production efficiency significantly.

- Advanced intensifier technology (AIT) means less maintenance, more uptime
- Up to 90,000 PSI cutting water pressure
- Hypertherm's EDGE Connect software precisely controls cutting

**ENGINEERED FOR DURABILITY AND PRECISION**
Integrated rigid structures for long-lasting performance and precision.

- Fully enclosed bellows ensure long component life and durability
- Frame and gantry fabricated from heavy-duty steel tubing

**OPERATIONS AND MAINTENANCE**
Manage and operate the AQUA HORNET with efficient convenience.

- Console equipped with user-friendly resistive touch screen and pump interface
- Easy gantry alignment to enable effortless precise positioning
- Designed to allow easy access to air and water connections
### MACHINE SPECIFICATIONS

<table>
<thead>
<tr>
<th>Positioning Accuracy</th>
<th>Repeatability</th>
</tr>
</thead>
<tbody>
<tr>
<td>+/-0.005&quot; (.127 mm)*</td>
<td>+/-0.001&quot; (.025 mm)*</td>
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</tbody>
</table>

* Measured in a 60" x 60" area (1.5 m x 1.5 m)

<table>
<thead>
<tr>
<th>Effective Cutting Width (A)</th>
<th>5 ft (1.5 m)</th>
<th>6.6 ft (2 m)</th>
<th>8.2 ft (2.5 m)</th>
<th>10 ft (3 m)</th>
<th>13.1 ft (4 m)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>60&quot; (1.5 m)</td>
<td>79.2&quot; (2 m)</td>
<td>98.4&quot; (2.5 m)</td>
<td>120&quot; (3 m)</td>
<td>157.2&quot; (4 m)</td>
</tr>
<tr>
<td>Machine Width Without CNC (B)</td>
<td>159.6&quot; (4 m)</td>
<td>180&quot; (4.5 m)</td>
<td>201.6&quot; (5 m)</td>
<td>225.6&quot; (5.7 m)</td>
<td>265.2&quot; (6.7 m)</td>
</tr>
<tr>
<td>Effective Cutting Length (C)</td>
<td>60&quot; (1.5 m)</td>
<td>79.2&quot; (2 m)</td>
<td>98.4&quot; (2.5 m)</td>
<td>120&quot; (3 m)</td>
<td>157.2&quot; (4 m)</td>
</tr>
<tr>
<td>Machine Length without CNC (D)</td>
<td>116.4&quot; (3 m)</td>
<td>138&quot; (3.5 m)</td>
<td>268.8&quot; (6.8 m)</td>
<td>315.6&quot; (8 m)</td>
<td></td>
</tr>
</tbody>
</table>

Maximum traverse speed: 1000 IPM (25 mpm)

Maximum tools: 2

Intensifier power: 15 HP (11 kW) to 150 HP (110 kW)

Cutting Water Pressure: Up to 90,000 PSI (6,205 BAR)

Cutting capacity: 10" (.25 m)

Input power – CNC & Drives: 200-240 VAC | 1-Phase | 50/60 Hz | 20-amp Dedicated Circuit

Input power – Pump: Refer to pump manufacturers specifications

Specifications are subject to change.

Visit [HornetCS.com](http://HornetCS.com) or call **1-844-209-5552** to request a quote.