Mach 300 is purpose-built to deliver reliable performance and dependability. Efficient and practical, the Mach 300 is a no-nonsense waterjet solution combining advanced technology, and simple operation, all while minimizing impact on shop floor space – and your wallet.

**BENEFITS**
- Efficient & accurate cutting
- Quick installation
- Easy to program & operate
- Small footprint options
- Premier support from the world’s leading waterjet service team
- Options & configurations to match your needs

**Purpose built and value focused** the Mach 300 brings a new kind of ROI to the waterjet world. All-in-one steel construction creates a robust foundation for cutting performance. Advanced Flow technology ensures you get a high caliber waterjet, with the right amount of cutting power for your business.

**Intelligent software combined with physical design focus on making your operator as efficient as possible.** The Mach 300 offers FlowXpert® model based CAD/CAM software integrated directly into your waterjet. With years of waterjet application experience built in, FlowXpert will help you design and cut the best part.

**Delivering productivity and reliability requires world class support.** From the safety light curtains that come standard on every Mach 300 to our attentive Flow certified technicians who are ready to support you when needed – we have the right people and programs to support you throughout the life of your waterjet.
# Mach 300

As the world leader and inventor of waterjet, Flow is the only supplier who researches, designs, and manufactures the entire waterjet system. This unique blend of industry leading waterjet capability and customer commitment allows us to deliver an unparalleled waterjet solution.

## Move forward.

### SPECIFICATIONS & CONFIGURATIONS

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Linear Straightness Accuracy</td>
<td>± 0.0021 in/3ft / ± 0.053 mm/m</td>
</tr>
<tr>
<td>Rapid Traverse Maximum</td>
<td>472 in/min / 12 m/min</td>
</tr>
<tr>
<td>Repeatability</td>
<td>± 0.0014 in / ± 0.035 mm</td>
</tr>
<tr>
<td>Z Travel</td>
<td>12 in / 305 mm</td>
</tr>
<tr>
<td>Base</td>
<td>4.9 ft / 1.5 m</td>
</tr>
<tr>
<td>Bridge</td>
<td>6.5 ft, 9.8 ft / 2 m, 3 m</td>
</tr>
<tr>
<td>Acceleration</td>
<td>0.075 g</td>
</tr>
<tr>
<td>Ballbar Circularity</td>
<td>± 0.003 in / ± 0.076 mm</td>
</tr>
</tbody>
</table>

### ULTRAHIGH-PRESSURE PUMPS

- HyPlex® Prime rated at 60,000 psi [4,150 bar]
- UltraJet™ rated at 60,000 psi [4,150 bar]
- HyperJet® rated at 94,000 psi [6,500 bar]

### SOFTWARE

- FlowXpert® 3D CAD/CAM Package
- FlowMaster® CAD/CAM Package
- FlowCode™ G-Code Converter
- FlowNest™
- CATIA Compatibility Package

### CUTTING HEAD OPTIONS

- Pure Waterjet
- Standard Abrasive Waterjet
- Dynamic Waterjet®

### ANCILLARY OPTIONS

- Roll-Around Control
- Water Level Control
- Paser CF-900 Continuous Feed Hopper
- Dynamic Contour Follower™
- UltraPierce™ Vacuum Assist
- Abrasive Removal System
- Stainless Steel Catcher Tank
- Closed Loop Water System
- Spray Containment Shields
- Laser Edge Finder

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Contact Us
253.850.3500
1.800.446.FLOW
info@flowcorp.com

Flow Worldwide Headquarters
23500 64th Avenue South
Kent, Washington 98032 USA