

Mach 300

Move forward.

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



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 our needs

**Advanced Flow
technology at an
affordable price.**

PURPOSE-BUILT FOR VALUE

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 cutting power for your business.

EASY TO PROGRAM & OPERATE

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.

SUPPORT YOU CAN COUNT ON

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.

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SPECIFICATIONS & CONFIGURATIONS

Linear Positioning Accuracy	± 0.0021 in/3ft / ± 0.053 mm/m
Rapid Traverse Maximum	472 in/min / 12 m/min
Repeatability	± 0.0014 in / ± 0.035 mm
Z Travel	12 in / 305 mm
Base	5 ft / 1.5 m
Bridge	6.5 ft, 10 ft / 2 m, 3 m
Acceleration	0.075 g
Ballbar Circularity	± 0.003 in / ± 0.076 mm

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]

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

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®

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