Mach 100 Waterjet Series

Mach 100

start now.
**Mach 100:**

**The Essential Waterjet**

Remarkable versatility. Maximum value.

Designed to expand your business with minimum investment, the Mach 100 waterjet is a reliable and versatile cutting solution. Made up of the same genuine Flow core components available on our elite waterjets, the Mach 100 gives you the versatility and value to kick start your production, backed by comprehensive service and support.

Whether you’re adding new capabilities to your operations, are looking to prototype, or are just getting started in waterjet, the Mach 100 is the key to taking your business to the next level. Start now.

- **Rigid Machine Construction:** Engineered with durable solid steel construction to support heavy production.
- **Precision Motion System:** High-end ball screw and digital drive system for premium accuracy.
- **3-Sided Access:** Easy loading and unloading of materials.
- **Advanced Cutting:** Optimal cut quality and efficiency with UltraPierce® 4 cutting head. Use UltraPierce® Vacuum Assist for piercing of delicate materials.
- **Auto-Lube System:** Automatically lubricates components to ensure continuous peak performance.
- **Roll Around Control:** Move freely around your waterjet as you operate your system.
- **FlowXpert® 3D Modeling CAD/CAM Software Suite:** You don’t have to be an expert to program a Flow waterjet. With 40+ years of waterjet expertise built-in, the software will calculate important specifications behind the scenes for you. Load your part, input material specifications, and start!
- **Cold Cutting Process:** No heat or stress is imparted into your cut materials.
- **Satin Smooth Edge:** Take the part directly off the cutting table, no secondary finishing required.
- **Minimal Kerf:** Minimal kerf and high accuracy combined with the ability to cut virtually any material means more opportunities.
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SPECIFICATIONS & CONFIGURATIONS

- Linear Straightness Accuracy: ± 0.1 mm/m / (± 0.005 in/3 ft)
- Rapid Traverse Maximum: 10 m/min / 400 in/min
- Acceleration: 0.05 g
- Repeatability: ± 0.06 mm / ± 0.0025 in
- Ballbar Circularity: ± 0.1 mm / ± 0.005 in
- Z-Axis Travel: 178 mm / 7 in
- Base: 1.3 – 4 m / 4.3 – 13 ft
- Bridge: 1.3 – 2 m / 4.3 – 6.5 ft

ANCILLARY OPTIONS & ACCESSORIES

- Service Packages
  - FlowPath™
  - FlowNest®
  - FlowXpert®
  - FlowCut™
- Paser CF900 Continuous Feed Hopper
- UltraPierce™ Vacuum Assist
- Laser Edge Finder

Industry Leading Support with FlowCare™

Maximize uptime and profits with our unique FlowCare support. From installation and training, to maintenance and more, we are with you every step of the way.

With FlowCare, we care for your waterjet so you can care for your business.

- Industry leading service network
- Rigorously trained Flow technicians
- Comprehensive operator training programs
- Applications support for tough cutting needs
- Delivery of genuine OEM parts
- Online parts ordering and abrasive packages