

Mach 700

Think big.

The Mach 700 is the ideal waterjet solution for heavy industry, large parts, and high production demands. This large format waterjet is the ideal combination of size, speed, and accuracy. Available with a dual bridge, the Mach 700 is designed for demanding environments and exacting expectations. Make a big impact on your bottom line with the Mach 700.



Cut large parts and heavy materials with ease on the Mach 700. Load and unload efficiently, add an additional gantry and multiple cutting heads, and drive production to new levels. The Mach 700 is engineered for strength and speed, built with all steel construction to handle heavy duty use.



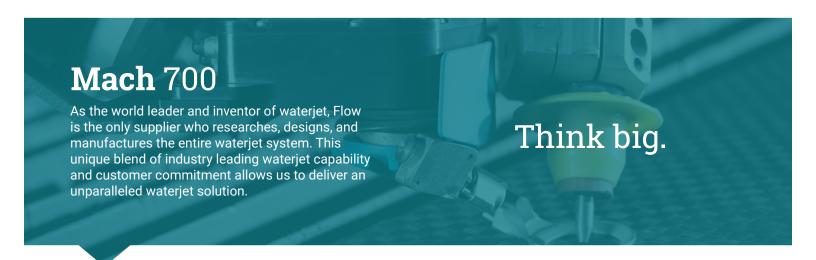
The Mach 700 cuts with astounding speed, driving overall part processing times down, and your production up. Industry leading helical rack and pinion drive system ensures smooth motion across the large table for accurate and precise cutting. Big table, fine details – combined with easy to use software for the ideal large format cutting solution.

BENEFITS

- · Efficiently process large format parts
- Excels in demanding, heavy industry environments
- · Smooth motion for precision cutting
- Reduce cycle time with fast and nimble acceleration & deceleration
- Total solution complete with service, software, and cutting edge technology
- Guarantee uptime with service solutions for parts, training, and maintenance



Delivering more productivity and more reliability requires world class support. Certified Flow technicians, preventative maintenance plans, high pressure exchange programs, on-time parts delivery, support & comprehensive training are all included.



SPECIFICATIONS & CONFIGURATIONS

 ± 0.0015 in per 3 ft $/ \pm 0.0381$ mm/m Linear Straightness Accuracy — Rapid Traverse Maximum — 1417 in/min / 36 m/min ± 0.001 in / ± 0.03 mm Z Travel — 12 in, 24 in / 305 mm, 610 mm Base -26 ft, 50 ft, 79 ft / 8 m, 15 m, 24 m Bridge ----13 ft, 16 ft / 4 m, 5 m Acceleration — 0.1 G Ballbar Circularity — ± 0.0025 in $/ \pm 0.0635$ mm

O ULTRAHIGH-PRESSURE PUMPS

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

SOFTWARE

FlowPath™ FlowCut™ FlowNest® FlowXpert® 2016

CUTTING HEAD OPTIONS

Pure Waterjet Standard Abrasive Waterjet Programmable Z-axis Dynamic Waterjet® Dynamic Waterjet® XD Dual Bridge Multiple Cutting Heads

+ ANCILLARY OPTIONS

Roll-Around Control
High-Performance Package
Operator Convenience Package
UltraPierce™
Laser Edge Finder
Part Removal Wand
Dynamic Contour Follower
Closed Loop Water Filtration
Closed Loop Chiller
Spray Shields
ProXtract Part Extractor
Pneumatic Drillhead

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