



Waterjet Cutting

- ✓ Mach 500 Waterjet by Flow with high-precision Dynamic XD® cutting head technology paired with Compass™ for 5-axis motion capable of cutting compound angles with high accuracy
- ✓ Cold-cutting method using up to 94,000 psi of ultrahigh waterjet pressure eliminates heat-affected zones, mechanical damage, and delamination
- ✓ Ideal for complex and difficult shapes such as inside corners, notches, and architectural and artistic shapes
- ✓ Cutting of virtually any material, any shape, and any size
- ✓ Instant cuts from 1/16 in. to over 10 in. thick
- ✓ Supersized 13 ft. x 26 ft. cutting table to accommodate a wide variety of sheet sizes
- ✓ Fully integrated FlowXpert® 3D modeling and waterjet pathing CAD/CAM software
- ✓ Unparalleled material utilization and nesting efficiency with SigmaNEST® software
- ✓ Intricate fine details on expensive material
- ✓ Satin smooth edges that don't require secondary finishing
- ✓ 15-ton overhead crane for proper handling of your parts
- ✓ High rate of repeatability through a CAD-driven process, not available with most cutting methods
- ✓ Rapid Traverse Maximum: 700 ipm (17.8 m/min.)
- ✓ Linear Straightness Accuracy: ±0.0015 in/3 ft. (±0.038 mm/min.)
- ✓ Repeatability: 0.001 in./in. (0.03 mm)
- ✓ Strict quality inspections to meet or exceed the quality requirements for all products and processes
- ✓ 24/7 operations capability to meet customers' demands

