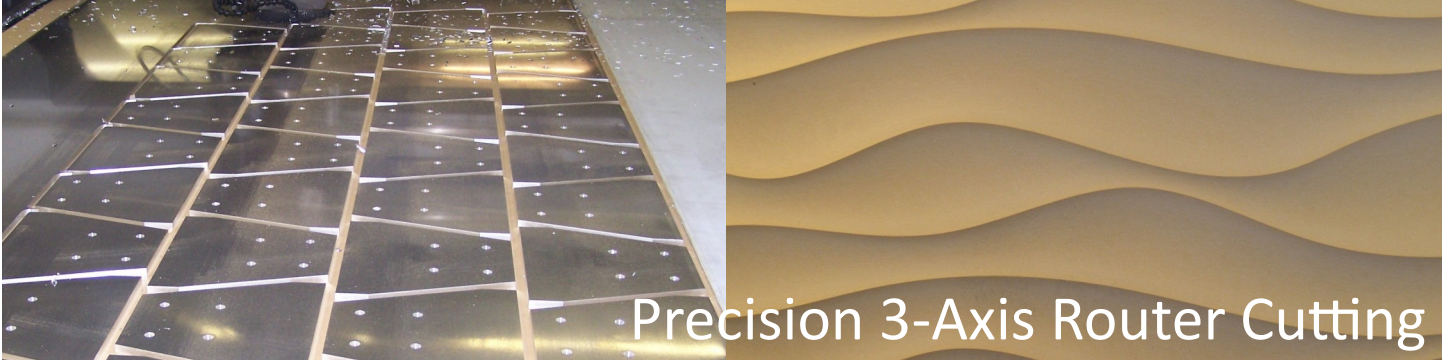




[astwaterjet.com](http://astwaterjet.com)

**ADVANCED SHAPECUTTING TECHNOLOGIES**  
"Cutting Edge Precision."

**ISO9001:2015 / AS9100:2016 REGISTERED COMPANY**



### **AST 3-Axis Router Cutting**

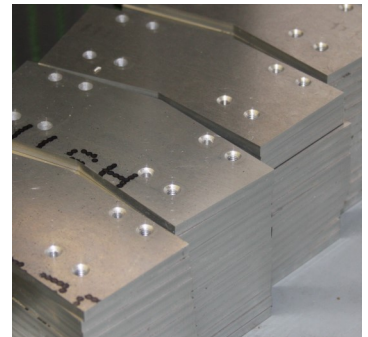
- 3-Axis Spindle specified to 16 HP & 24,000 RPM's travels across the 96" x 192" x 12" cutting surface.
- Equipped with a 12 tool changer—Perfect for housing tools for Tapping holes, Cutting Grooves, Bevels or Countersinks.
- Programmable Z axis facilitates fluid motion of 3D designs.
- Equipped with a full CNC Rotary Indexer to cut Pipe & Tubing to 12" wide and 192" long.
- Cuts Aluminum, Copper, Brass, Titanium, Pipe/Tube ,Plastics, Phenolics, . Material can be formed or flat.
- Thickness ranging from .010" to 6"

What used to take multiple setups and machine types can now be completed on the same piece of equipment and without multiple setups. The spindle on our 3-Axis CNC Router has been engineered to be versatile enough to cut thicker materials as well tap holes. Our 5-Axis Hi-Def Plasma cutting table has an 10' x 12' cutting envelope and 36" of cutting clearance.

AST can process Aluminum, Copper, Brass, & Plastics more efficiently with superb edge quality. Parts can be cut, grooved, countersunk and tapped all in one setup. When using a CNC Router you have the ability to control depth which is impossible to do when using a Waterjet or Laser.

Since 1993, AST has provided precision Shapecutting services using Waterjet, Router, Hi-def Plasma, and Laser cutting technology. We have 3 Waterjet tables equipped with 10 cutting heads, 1 Router, 1 5-Axis Hi-Def Plasma, and 3 Lasers that all utilize the latest in CNC Controls to provide extremely accurate cutting whether your needs are for small prototype runs or repetitive production parts.

**Architectural**



**Aerospace**



**Industrial**



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