



5 AXIS WATERJET

CUTTING SERVICES

Now Available at:

AREMAC HEAT TREATING, LLC

330 9th Ave. • City of Industry, CA 91746

www.armac.com

626-333-3898



WATERJET HIGHLIGHTS

- **TECHNOLOGY**

Our 5 axis Flow Mach 4 with Dynamic XD head is the forefront of waterjet technology. Advanced beveling with 60° of motion allows precise cutting of complex parts in 3D.

- **NO HEAT BUILD UP**

Produces no heat affected zone (HAZ), no distortion or mechanical stresses.

- **VERSATILITY**

With 94,000psi cutting power we can cut virtually any material to net or near net shapes.

- **FAST TURNAROUNDS**

The Mach 4 technology allows it to cut up to 50% faster than conventional jets. We can use your CAD files for faster set up and turnaround.

- **SMOOTH, PRECISE CUTS**

Cuts are accurate to within ± 0.003 " repeatability of $\pm .002$ and angles $\pm .5$ degrees .

- **REDUCED COSTS**

Precision cutting and "parts nesting" provides optimum use of materials, thereby reducing scrap and cost per part.

- **A CUTTING ENVELOPE OF X= 157" Y= 78" Z= 8" B= 360° C= 60°**

WATERJET APPLICATIONS

- **AEROSPACE**

Machining capabilities of all known materials including composite, aluminum, steel, titanium, castings, forgings, plastics, etc.

- **MACHINE SHOPS**

Waterjet cutting of pre-hardened materials will eliminate secondary machining.

- **METAL STAMPING**

Hard to stamp parts are no problem for the waterjet. Eliminate tooling costs on short runs.

- **DECORATIVE APPLICATIONS**

Whatever you can design, the waterjet can cut, intricate shapes and contours are no problem.

- **SIGNS**

Company logos and fonts can be reproduced with precise accuracy.

- **ARCHITECTURAL APPLICATIONS**

Cutting granite, marble, ornamental irons, polished brass, etc., is no problem for the waterjet.