

Alexis Fire Equipment
109 East Broadway
Alexis, IL 61412
(800) 322-2284

**ANY PART.
ANY MATERIAL.
ANY QUESTIONS?**

ALEXIS FIRE EQUIPMENT



ABRASIVE WATERJET CUTTING

Make Any Kind of
Part in Minutes



109 East Broadway, Alexis, IL 61412
P 800.322.2284 F 309.482.6127
www.alexisfire.com



CUTTING-EDGE TECHNOLOGY



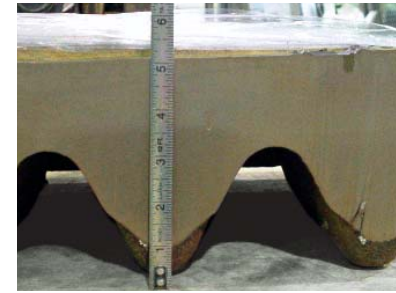
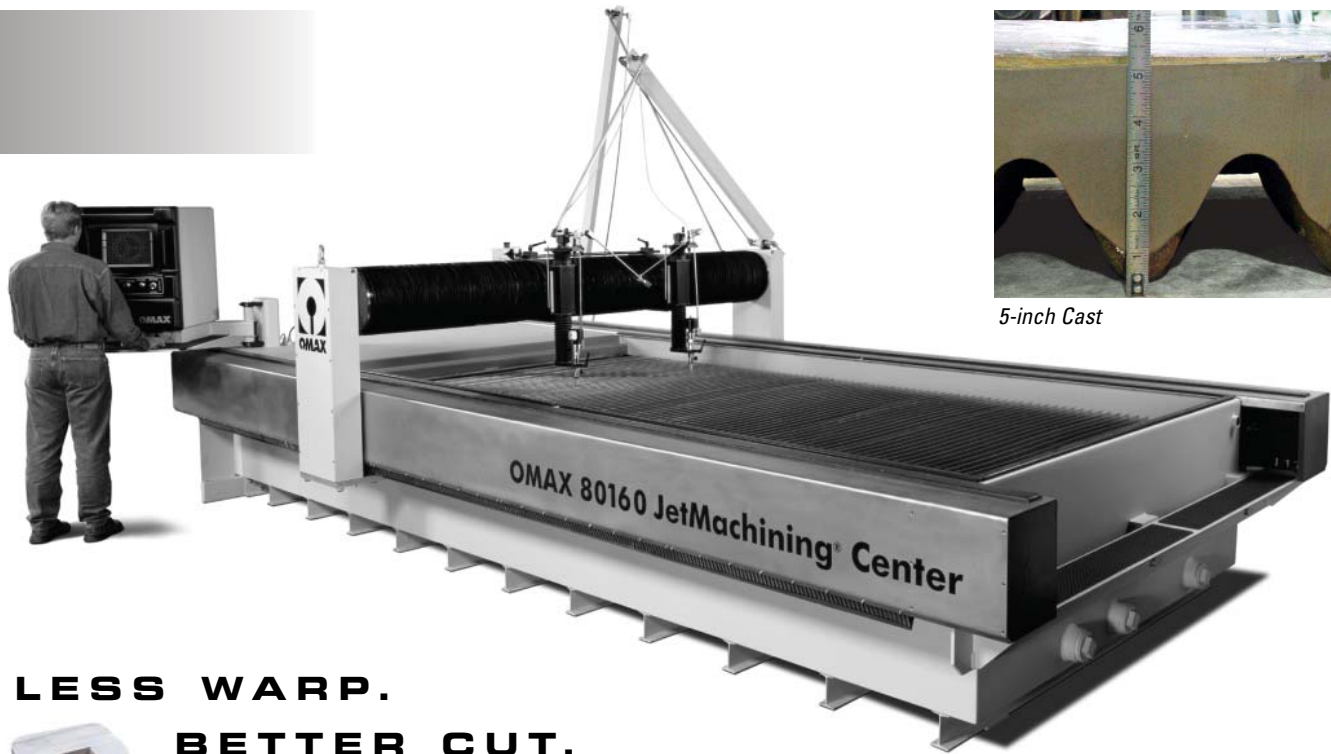
AFE offers one of the fastest and most precise abrasive waterjet cutting services in the industry. Waterjet machining is a computerized cutting method technology that

will cut virtually any material into any complex two-dimensional shape. Computerized motion control provides accurate and reproducible results efficiently throughout a wide range of materials and thicknesses while generating a smooth edge and finish.

We are able to provide five different edge qualities, ranging from a fast cut for material separation, to a slow speed for a superior finished look, minimal burr, and no slag. Material waste and overall costs are reduced by optimal part positioning and nesting.

Waterjet cutting is a clean process that does not result in tool path heating, distortion, or residual stress in the cut material. No heat is used so the molecular structure of the material remains unchanged.

The AFE waterjet table is capable of handling material 80" wide, 160" long, and up to 5" thick.



5-inch Cast

**LESS WARP.
BETTER CUT.**



Image and drawing (cover) courtesy of OMAX Corporation www.omas.com

ADVANTAGES	MATERIALS	
<ul style="list-style-type: none"> • Precision parts • Tolerance +/- .005" • Almost any material can be cut • Fast turnaround time • Prototypes and short runs on short notice or production quantities • Affordable • Avoids the need for expensive secondary finishing • No oils or chemicals used in processing • No heat affected areas 	<ul style="list-style-type: none"> • Mild and Stainless Steels • Tool Steel • Aluminum • Brass • Bronze • Copper • Alloys 	<ul style="list-style-type: none"> • Wood • Fiberglass (no dust) • Reflective Materials • Glass • Ceramic • Rubber • Titanium

Image (left) courtesy of OMAX Corporation www.omas.com