



Abrasive Water Jet

This cutting system uses a combination of water and garnet to cut through materials considered cost “unacceptable” by conventional cutting methods. Water Jet cutting avoids thermal damage, which can adversely affect metallurgic properties in materials being cut. The ability to pierce through material also eliminates the need and cost of drilling starter holes. Because abrasive jet cuts with a narrow kerf, parts can be tightly nested thus maximizing material usage.

When coupled with a state of the art motion control system, abrasive jet cutting provides extremely accurate cuts with a high degree of repeatability over a wide range of materials and shapes.



Abrasive Water Jet is excellent for the cutting of complex shapes, and in fragile materials such as glass, the high failure rate due to breakage and chipping of corners during conventional processing is virtually eliminated. Whatever your industrial need, **Abrasive Water Jet** is an accurate, flexible, and efficient cutting system.

Abrasive Water Jet can cut through materials ranging from 1/32 inch (1.6 mm) to 12 inches (305 mm) thick. These CNC controlled machines are capable of repeating movement to +/- .005”.

Abrasive Water Jet cutting is used in the cutting of many materials such as:

Aluminum, Brass, Carbon Steel, Ceramic Tile, Composites, Copper, Cork, Glass, Hardened Steel, Inconel, Marble, Natural Stone, Plastic, Porcelain Tile, Rubber, Stainless Steel, Styrofoam, Titanium and many more.

