For more than 20 years H2O JET has been in the forefront of developing methods for effective waterjet cutting. From developing long life components to revolutionizing the abrasive cutting head.

- Virtually any material can be cut, from the softest plastics to stoneware and high-strength steel without deformation or heat impact.
- Waterjet cutting is environmentally friendly, produces no fumes, no heat and it allows cutting or perforation even in soft or fragile materials.
- Large and small cutting jobs are done at H2O JET’s shop located in Tumwater, WA using state-of-the-art, extreme pressure waterjet systems.

Waterjet cutting is one of the most versatile cutting processes around. Well suited for high-performance metal cutting, when used with an abrasive additive, creates a clean, burr-free cut that does not require secondary finishing and does not leave a heat-affected zone. Nearly every type of cut is possible, from rapid hole drilling to detailed cuts for automotive applications. Waterjet cutting systems are also less expensive than laser-cutting systems, making them a solid choice for metal and steel cutting in the fabrication industry.

**How H2O JET Waterjet Cutting Service fits with your application:**
- Can handle hard to cut, low volume, short run pieces or prototypes.
- Capable of cutting any 2D or 3D drawing (CAD or DXF preferred).
- Vary narrow cutting width/ketf “blade” (0.04”)
- Taper compensation capable for 2D, 3D & 5 axis cutting
- Environmentally safe, price competitive & economical

**Why H2O JET Waterjet Cutting Service fits with your application:**
- “No Heat” clean cutting eliminates heat affected zones.
- Reduces or Eliminates secondary operations
- Quick Prototyping
- Can cut up to 8” thick material (depending on material)
- Opportunity to watch material being cut to ensure quality
- Can cut, but not limited to: Steel, Titanium, Brass, Aluminum, Castings, Cardboard, Un-tempered Glass, Rubber, Composites, Ceramics, Kevlar, Stone, Tile, Granite, Leather, Carpet, Textiles, Foam and More!

**Pure Water Cutting**
This cutting method is primarily used for cutting soft materials such as rubber, composites, leather, carpet, textiles, foam, food and similar material.
Normal tap water is compressed at ultra-high pressure levels and forced though a small precious stone (sapphire, ruby or diamond) orifice to form an intense cutting stream. The jet stream moves at a velocity of up to 2.5 times the speed of sound, creating the ability to cut at very high feed rates; reducing costs and increasing production runs.

**Abrasive Cutting**
For your hard materials that cannot be cut with water only, the water nozzle nut is replaced with the H2O JET IDE™ abrasive cutting heads. The high velocity waterjet creates a vacuum which pulls the abrasive (usually garnet) into a mixing chamber; producing a coherent, extremely energetic abrasive jet stream. This process is ideal for cutting intricate patterns in sheet metals, composites, granite and other hard materials. The rates vary according to the material being cut.

1(866)928-3753
(ask for contract cutting services)
1145 85th Ave. SE  •  Tumwater, WA 98501
www.waterjetparts.com
cuttingservice@waterjetparts.com