



Waterjet Cutting

The latest technology in Waterjet Cutting is an efficient and cost-effective way to achieve precision cuts of complex and intricate parts. The process uses a high-velocity jet of water that's pumped through a nozzle at pressures of up to 60,000 psi to cut a wide range of materials in thicknesses of up to several inches.

PERFECT FOR SHORT RUNS, PROTOTYPES AND FAST TURNAROUND

Because Waterjet Cutting doesn't require creating dies or changing tools, this method is ideal for short production runs, prototype or test parts, and custom designs that require a fast turnaround. Plus, this cold-cutting process eliminates distortion and stress that can be caused by heat or die cutting methods.

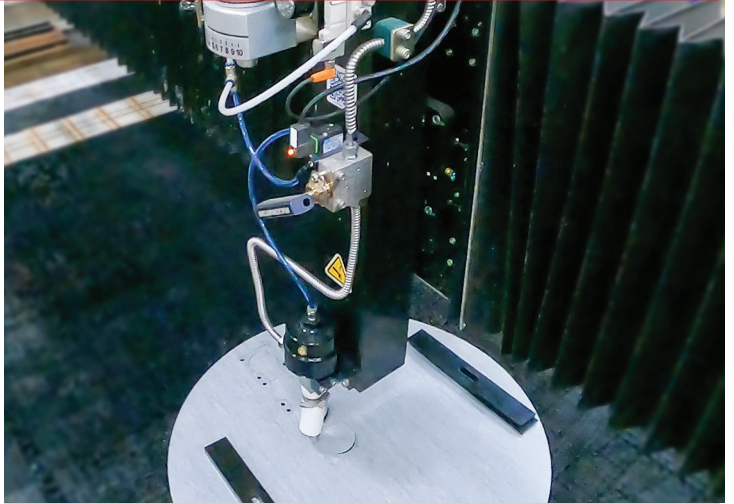
CUTS A WIDE VARIETY OF MATERIALS

While pure water is used for cutting softer materials, abrasives are added to the water for greater precision when cutting higher-density materials. Waterjet Cutting can be used for a broad range of materials and thicknesses, including:

- Rubber and sponge
- Foam
- Insulation
- Plastics
- Laminates
- Compressed fiber
- Metal-reinforced elastomers

ENVIRONMENTALLY-FRIENDLY PROCESS

Waterjet Cutting doesn't produce any hazardous waste, so it's a clean, eco-friendly process. The water that's used can be recycled through the machine to be reused, and no cooling oils or lubricants are required after cutting.



BENEFITS OF WATERJET CUTTING

- Ensures structural integrity by eliminating heat distortion and stress
- Eliminates added costs for creating dies
- Results in flawless, precision cuts with tight tolerances
- Enables turnaround times as fast as next day
- Makes cutting prototype and test parts cost-effective
- Reduces material waste and improves yield

SEALING DEVICES' DIE-LESS CUTTING CAPABILITIES

- Waterjet Cutter
- Laser Cutter
- Flash Cutter

