TITAN WATERJET
A subsidiary of Hoffman Design Works Inc.

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TITAN WATERJET

CAPABILITIES

Our 6' x 18' abrasive waterjet machine, with added *Tilt-a-jet*, can make precision cuts in a vast array of materials up to 8" thick. Typical tolerances are ± 0.005 inch.

Waterjet cutting is a cold cutting process—no heat affected zones and no distortions.

The *Tilt-a-jet* can angle the nozzle up to10˚ to ensure a perfectly square edge or to create a draft angle.

Other in-house capabilities include CNC press braking, welding and machining.

CONCEPT to CREATION

We can create your parts from hand-sketches, print-outs or any type of digital file (.dxf format is ideal).

Our engineering department can transform your ideas into finished products using state of the art 3D solid modeling, FEA stress analysis, prototyping, testing and evaluation.

← Giant pieces up to 6' X 18'

SAMPLE PRODUCTS

- sheet metal cut-outs
- complex shapes
- machine components
- architectural elements
- floor and counter top inlays
- signage
- jigs and fixtures
- artwork
- etched or engraved patterns

WATERJET MATERIALS

Abrasive waterjet can cut virtually any type of sheet, plate, or structural shaped material.

metals

all metals such as steel, aluminum, bronze
all tempers from hard to soft

plastics

all plastics such as Lexan, Acrylic, Delrin, Polyethylene, composites, elastomers, foams

stone

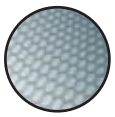
limestone, granite, marble, slate, tile, porcelain

glass

all grades except tempered
ceramics: cured and green

wood

solid, plywood, veneer, fiberboard



misc.

decoratives: Formica, Corian, etc…
graphite, mica, honeycomb, wax, fabric, leather, cardboard
gaskets, magnets, friction plates

Learn more at:
TITANWATERJET.COM