

Today productivity & cost cutting is major concern for manufacturing industry. Every manufacturing industry should improve his strength with using upgraded technology. I would like to give you applications information where waterjet machines can be use to improve productivity and cost cutting benefit to Industry. Waterjet Cutting Machine is very useful tool in cutting industry and its use to cut different – different profile like metal, non-metal, stone, ceramic, granite, glass, plastic, rubber, wood, etc...

AEROSPACE:

- Titanium body for military aircrafts.
- Engine Component (aluminum, titanium, heat-resistant alloys)
- Aluminum body parts
- Interior cabin panels
- Custom control panels and structural components for special purpose aircraft such as crop-dusters and float planes
- Rough trimming of turbine blades on jet engines
- Aluminum skin, struts, seats, shim stock, brake components, titanium & exotic metals used in manufacturing landing gear

Aerospace Applications Photographs:

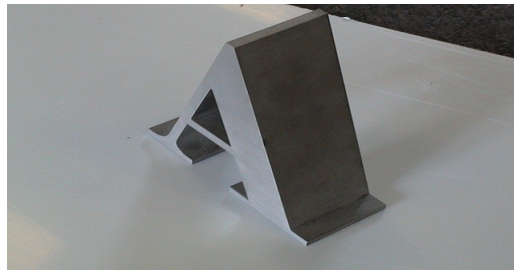
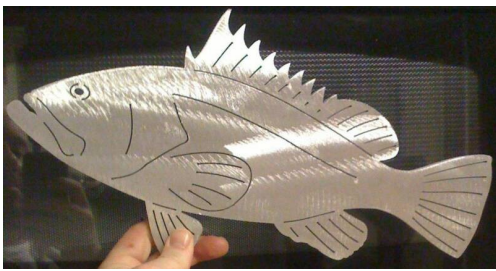


Industry: Aerospace, Tool & Die, Job Shop

ARCHITECTURAL & ART WORK:

- To cut floor medallions, tabletop inlay, Wall inlay, metal inlay, out door stone, Border Tiles, Artistic & Architectural designs, murals, Stone furniture, Kitchens countertops etc in ceramic and stone segment.
- Metal art work such as out door, Theme park, Special lighting, Museum art work etc...
- For profile cutting of Stained glass such as Crafts, Church Mosaics, and Lamp Shades etc...
- Components for architectural trim and window systems
- Signage letters in marble, glass, steel, aluminum, brass, plastics, etc...
- Whether it's a large sign for a restaurant, decorative tiles, or intricate design work, the WATERJET can create it in a wide variety of materials.
- Waterjet machine can use by artist or those institute who teach art work.

Architectural & Art Work Application Photographs:



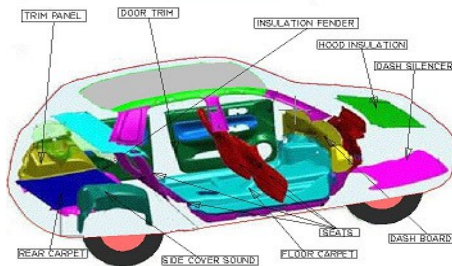
Industry: Architecture, Signage, Ceramic, stone, Marble, Granite, glass, Metal, Job Shop, Institute

AUTOMOTIVE:

For cutting Interior & Exterior trims such as headliners, carpets, Liners, Dumpers, Door and instrument panels, seats, composite parts and castings.

- Robot waterjet can cut an automobile interior in any angles and separate Scraps automatically
- Flanges for custom exhaust systems
- Specialty metal gaskets for antique automobiles
- Specialty clutch components for racing cars
- Specialty brake disks and components for racing cars
- Custom skid plates for off-road motorcycles
- Intricate decorative brackets and fittings for custom cars and motorcycles
- Copper head gaskets for racing engines
- Short run production for the model shops
- JIT inventory control for piece parts on High Performance Radiators
- Custom motorcycle bodies

Automotive Application Photographs:

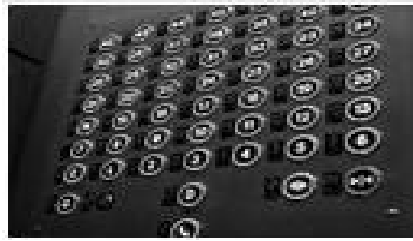


Industry: Automotive, Marine, Job Shop

ELECTRONIC:

- Circuit boards (Populated & unpopulated)
- Cable stripping (Insulation coverings)
- Custom and short run electrical enclosures and control panels
- Custom designed elevator control panels Components for portable
- Generators

Electronic Applications Photographs:



Industry: Electronics, Solar, Machine Shop, Job Shop

ELEVATOR & LIFT MANUFACTURING:

- In Manufacturing elevators, service lifts, Dumb waiters for various profiles cutting
- To Manufacture architectural components and metal fittings for elevators

Elevator & Lift Mfg. Photographs:



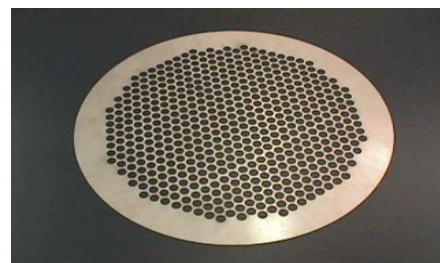
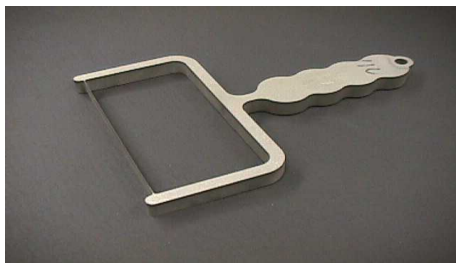
Industry: Elevator Manufacturer, Lifts, Dumb Waiters

FOOD PROCESSING EQUIPMENT:

Waterjet Cutting Machine is widely used in foreign countries to cut food.

- Components (primarily from stainless steel and plastic) for food processing lines
- Guards, enclosures, food handling and packaging equipment
- Custom food processing equipment
- Beverage manufacturing equipment
- Specialty liquid filling equipment

Food Processing Equipments Photographs:



Industry: Food Services, Chemical, Electronics, Packaging Plants, Tool & Die, Machine Shops, Job Shop etc...

GASKET:

In engineering, auto, etc... field which is related to engineering they required deferent – deferent types of gasket and for this product waterjet gives versatility, like metallic gasket and non metallic gaskets and etc...

- Gaskets of Asbestos, Rubber, Teflon, Copper, Titanium, etc for end users & O.E.M industries like automotive, marine, Engineering, Aerospace and many more

Gaskets Photographs:



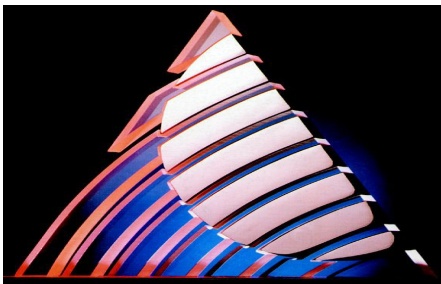
Industry: Customized Gaskets industry, Marine Industry, Job Shop etc...

GLASS:

The glass industry is very huge field. We know there are lots of types are available in glass just like, flat glass, Stained glass, Bullet proof glass, Optical glass, etc... All this glasses are easily cut in CNC Waterjet Cutting Machine.

- To cut Special shaped window panels for cabinets and doors
- To cut Lens blanks from glass and quartz
- To cut Glass components used in the electronic and medical industry
- To cut Optical laser parts for various high tech industries
- To cut Custom glass panels for the space shuttle
- To cut Replacement glass for antique autos
- To cut Art deco mirror designs
- To cut flat glass with numerous contours, Stained glass, Bullet proof glass, Optical glass

Glass Industries Photographs:



Industry: Electronics, Carpentry, Glass, Aerospace, Lighting, Art, Job Shop etc...

MEDICAL & SURGICAL:

In medical & surgical field waterjet is use to cut orthopedic implants. There is very few technologies are available to cut ortho implants just like Laser & Plasma but the material properties are change due to heating and cooling of material while in WaterJet it remains as it is. Compare to Punch Press cutting material saving is higher. So no. of pieces get from WaterJet cutting is high.

- Blanking out surgical instruments from special steel alloys
- Cutting artificial limb components from carbon fiber
- Composites
- Manufacturing carbon braces and orthopedic appliances
- Making prototype medical devices for test and evaluation
- Model shop prototyping
- Water only applications: cutting thin plastic used as
- Dividers in cases that hold medical instruments before, during and after sterilization

Medical & Surgical Photographs:



Industry: Medical and Surgical