



Shreeji
LASER TECH



Metal

Mild Steel	: 16 MM
Stainless Steel	: 10 MM
Aluminium	: 05 MM
Cutting Accuracy	: +/- 0.2

Shreeji Waterjet
MACHINE TOOLS



Unlimited range of materials up to 200mm thickness
(Dependent on the quality and composition of the material)

Laser Cutting

Shreeji Lasertech Offers precision and productive laser cutting resources that delivers quality products. We are committed to providing word class customer service and solution in providing word class customer service and solution in the field of fully integrated bespoke metal work and precision sheet metal fabrication.

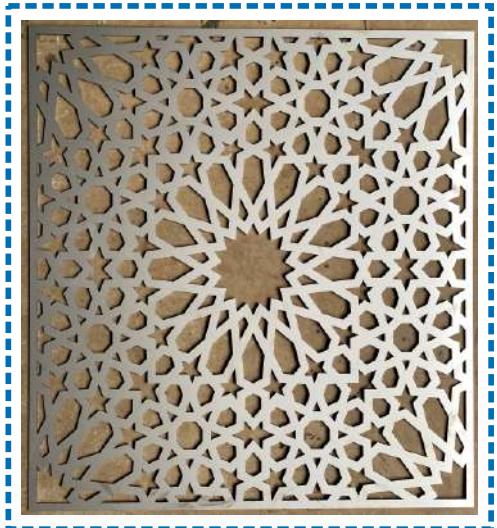
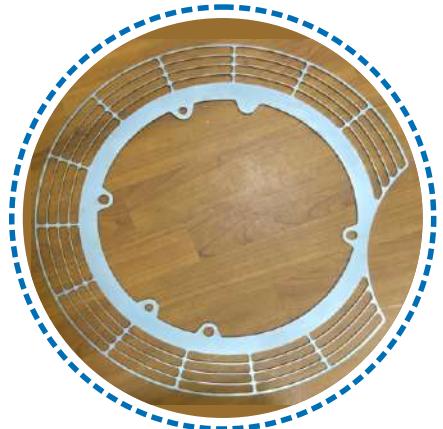
Working with industries as diverse as automotive, Textile, power plant, earth moving, telecommunications, Railways, Pharma Machines, Agricultural and general engineering has given us unrivalled experience in producing product to the very highest standard. When we promise a delivery we deliver on time, sourcing our products and materials carefully enabling competitive pricing whilst sharing the benefit with our customers.

Continuous improvement of technologies, systems and processes is central to achieving our business objectives. The training and development of our employees drives our competitiveness against other Indian and Asian providers. Become Grade "A" Fabricator is the goal set and achieved and customer satisfaction is never taken for granted but utilised as the standard for our service.

Quality

Quality assurance and commitment of work is evident in everything we fabricate, test and deliver.

Our Quality technicians have objectives to achieve ongoing sustainable quality management principles. Commitment to quality with innovative technology and provides our customers with advantages in global marketplace.



Pure Water Cutting

This cutting method is primarily used for cutting soft materials such as rubber, foam, gasket, leather, textiles, foodstuffs and many other similar materials. Normal tap water is pressurized at ultra-high pressure levels. And forced through a small precious stone 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 the material being cut-refer to the table below.

Materials

Unlimited range of materials up to 200mm thickness

(Dependent on the quality and composition of the material)

- Metal, including stainless steel, aluminium, titanium and non-ferrous metals.
- Stone including granite and marble
- Fiber-reinforced synthetics, including carbon and glass-fiber-reinforced plastic
- Plastics, including thermoplastics and duroplastics
- Hard and soft foam
- Insulating and isolating materials
- structural Wood materials

Main Benefits of Waterjet Cutting

- Extremely fast transition from drawing to cutting
- Faster setup - low tangential forces often eliminates the need for clamping
High accuracy - eliminates secondary cutting
- Fast cutting speed
- Eliminates the need to sharpen tools
- Safer for operators and the environment - Avoids vapour, dust and smoke and does not require expensive coolants
- Cold cutting process - eliminates heat-affected zones, hardened material and material stresses
- Clean finishing product eliminates secondary cleaning operations
- Burr-free finish - eliminates any needs for secondary surface finishing for most applications
- Small kerfs
- Ideal for quick prototype, flexible production and proven for high volume production
- Optimum material utilization with CAD/CAM software
- Customized system solutions



Customer Benefits of Laser Cutting

- Precision & Accuracy : + 0.1
- Versatility : Ability to cut any geometric shape to most demanding specifications in many different types of metals.
- Clean & Square : Clean and Square cut edges requiring little or no clean up.
- Efficiency : Nesting through CAD/CAM programming allows maximum material usage and minimum waste.
- Elimination : Elimination of second operation such as machining & drilling due to cut accuracy.
- Duplication : Elimination of second operation such as machining & drilling due to cut accuracy.
- Duplication Assurance : With precision CNC system you can be confident, repeat orders will be duplicated precisely time after time.

Customer Benefits of Waterjet Cutting

- Cold cutting without thermal influence
- Flexible processing of virtually all materials with consistent high quality
- Material saving production due to reduced cutting width and the nesting of several parts on a single sheet
- Maximum degree of material utilization thanks to the smallest of part separation distances (Partially free of burrs) and part-in-part production
- Tension free processed parts due to minimal cutting force
- Environmentally friendly and clean production without poisonous gases
- Good Access to the work area of the waterjet system
- Optimization of the cutting parameters to meet individual requirements



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