SIDDHIVINAYAK™
LASER FABRICATION PVT. LTD.

Company Profile

www.siddhivinayaklaser.com

About Siddhivinayak Laser Fabrication Pvt Ltd.

Founded in 1999, Siddhivinayak Laser Fabrication Pvt. Ltd is an ISO 9001-2008 certified Company. We offers precision and productive laser cutting resources that delivers high quality products. We are committed to providing world class customer service and solutions in the field of fully integrated bespoke metal work and precision sheet metal fabrication.

Our highly skilled workforces have over 20 years' experience in metal fabrication. With on-site facilities for TIG and MIG welding in both stainless steel & aluminum, a CNC Fabrication shop, we are able to offer a comprehensive service to all our customers.

Working with industries as diverse as automotive, Textile, power plant, earth moving, telecommunications, Railways, 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 utilized as the standard for our service.

Investment in the latest technology benefits our customers through Quality, Facilities, Cost and Delivery. It is this investment that has kept Siddhivinayak at the forefront of Indian precision metal fabricator.

Clients get benefit of dedicated support teams who seek to fully understand their products and requirements to optimize delivery of fabricated materials that are flexible and cost effective If you would like to arrange a visit to look around our Factory or you would like to speak to our team to discuss your Project requirements, please do so via the contact us page.

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 complete manufacturing solutions drives business and provides our customers with advantages in global marketplace.

Quality management is a process that starts with the specifications and materials required for an individual Application then focuses throughout each manufacturing step on delivering products quality that exceeds a customer's expectations.


BSCIC

BSCIC

CERTIFICATE OF REGISTRATION

QUALITY MANAGEMENT SYSTEM

This is to certify that:

SIDDHIVINAYAK LASER FABRICATION PVT. LTD.
B – 2, MARUTI INDUSTRIAL ESTATE, OPP. KIRTI TOOLS
PHASE – I, GIDC, VATVA, AHMEDABAD – 382445
GUJARAT, INDIA

BN6495/5985:0113

Manufacture and Supply of Agricultural Implements, CNC Laser Cutting, Precision Sheet Metal Components & Engineering Works

For BSCIC CERTIFICATIONS PVT. LTD.

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Siddhivinayak ensures competitive cost whilst maintaining product reliability and Quality.

Design & Prototyping

Our clients provide us either 3D design of product or 2D drawings of products. In either case design & prototype is involved. We processed through software to convert the 3D product in flat development for laser cutting. The Design of complex bending parts poses a challenge to every designer. The 2D drawings of the product also involve development of the flat view by providing for standard bend allowances. We have expert design department which works in close association with the

engineering department of customers for critical Dimensional requirements and complex product parameters. We provide design and prototype services in CNC Bending to ensure reliable Precision of fabrications/assemblies depends on the jigs and fixtures used to manufacture them.

Sheet Metal Laser Cutting

Laser Cutting is the most accurate process for fiddle as soon as cuts concerning coarsely any material. Laser bitter is the use of a high-powered laser to clip materials to precise specifications set in the controlling software of the laser spiteful machines. The digital settings are converted by the software and administered by the laser for tidy and exact cuts. Laser converting applications are used to outfit through cuts, kiss-cuts, laser perforation, scores, laser etches, laser ablations, laser welding, and drilling.

Sheet Metal Laser Cutting is a much more efficient process than mechanical tooling and acid because it costs less and is much more accurate. The laser performs the clip by melting, flaming, or vaporizing away the material and giving out away a stomach-pining, tidy edge. Materials that can be processed by laser bitter totaling occurring paper and paper board, adhesive tapes, plastics, films, textiles, abrasives, metals, and photovoltaic.

We have state of the art **CNC laser machine of Amada FO mark II made in japan**. It can laser clip Sheet metal of changing thicknesses and sizes. Our skillful team of programmers and operators at each manufacturing location are geared taking place for realization of obscure component laser bitter. With input as a drawings or a finished sample part provided by customer. We manage to pay for excellent prickly vibes and high precious laser rangy jobs. We have 3-Axis CNC Laser cutting of amada. It has a discordant envelope of 4000 mm x 1550 mm x 200 mm. It has a produce an effect volume of X: 4000mm, Y: 1550mm & Z: 200mm behind rotary axes: A: 360 continuous (without limitation) & B: +/- 135 continuous (taking into account hero worship to the vertical).

Siddhivinayak Laser Fabrication have the funds for a high accurateness Sheet Metal laser cutting encourage to meet the expense of you behind subsidiary possibilities for efficient component produce. Our industry leading Laser pungent equipment's mass considering our extremely expert, customer forced staff disclose us to burning you bearing in mind a world class help.

Laser barbed is the most accurate method of spiteful and can be used upon a collective range of materials. Our futuristic equipment and tall court conflict out, computer controlled production are getting your hands on for any laser application from mordant to engraving and marking.

A broad range of machinery allows us to economically fabricate unexpected prototypes for you to exam prior to series production and well happily acknowledge you to press to the lead and press on your products.

Specialist of Laser Cutting In Metals

- ❖ Mild Steel 16mm thk
- ❖ Stainless Steel 10mm thk
- ❖ Aluminum 6mm thk
- ❖ Brass 5mm thk
- ❖ Copper 3mm thk

CNC Bending

Computer **N**umerical **C**ontrol (CNC) bending machines are refined tube benders that guarantee a high level of productivity and repeatability. These machines fabricate high environment bent tubes that can be used for various classified ad applications employed in the automotive, chemical, and furniture industries, as ably as for ship building, railways, and new same industries. It is a highly automated and efficient in terms of precise bending. It allows high dimensional accuracy and design flexibility.

Our Expert team of **CNC Laser cutting** operators and program always take care of quality and material, We have high productivity results with table speed of 1.3 times and back gauge speed 3 times. However, we use up to date software's with easy programming, direct angle mode, new Bend deduction calculation, and note functions. Our **CNC bending** machine has wider functions in terms of height tool, supporter, etc. It also stimulates the bending process detecting collusion. This results in lower wastage, in turn economic manufacturing at faster speed resulting in quick deliveries.

Our manufacturing plants have capacity of room 130 Tons and Ram length of 3 meter. We can offer Bending up to 10 mm thickness for sheet steel. The knowledge and experience of bending operators that helps guarantee part accuracy and efficiency, knowing this well we provide the training necessary to give that expertise to the operators in the first place and time to time we organize training sessions within workshop to update the operators about new techniques and tools to improve productivity.

Three axle bending

CNC tube bending machines add together the promote of CNC controls and safe manual bending operations, making the machines saintly for automotive, dirigible production, and HVAC tubing applications. The three axles are continuously monitored to ensure repeatability.

Vector adjust tube bending

The vector regulate CNC tube bending machines come in various models; these machines are expected for automated tube production. They come in various sizes from compact to not as an outcome compact, and find the part for changing axis speeds and pay for advice of acceleration and deceleration. The best machines afterward feature a fanatic-simple run that prompts the operator during setup.

Vector fiddle considering than electric tube bending

Among all machines, electric CNC tube bending machines are the most assume looking, and they deliver a high level of productivity, vibes, and reliability. Electric operation of the machines saves more simulation than acclaimed hydraulically operated tube bending machines.

Orbital head bending

Orbital head bending machines find the money for significant flexibility and can be utilized for obscure CNC tube bending. The machines are an ideal true for express conditioning, automotive, truck, and attachment ordinary applications.

Fabrication:-

Sheet metal fabrication

Sheet Metal Fabrication refers to the bending and shaping processes of **sheet metal** techniques. It can be sealed all sorts of obscure hollow shapes and sections, and the equipment used for these processes, range from easy hand tools, to higher gift-operated automatic machinery.

Stainless steel fabrication

Stainless steel fabrication refers to the shaping and bending techniques of stainless sheet metal paperwork. **Stainless steel** can be firm the whole interchange

types of sections and perplexing hollow shapes. The equipment which is used for these processes can range from taking into consideration gaining tools to easy hand held tools.

Laser Fabrications

Laser proud has become one of the most popular technological solutions offered by metal fabrication firms. The be alert, adaptableness, and reliability of the fabrication method have made it a must-have tool in a production workshop.

Welding:-

We have wide range of welding equipment's of reputed brands like ADOR and ESAB. Highly skilled team has the capability to translate your design into a precision finished item.

We apply a broad range of high-tech and conventional fabrication skills to the cost-effective manufacture of many products.

Complex structures are assembled and produced in our fabrication department and we are able to supply complete bolted or welded assemblies. Mig and Tig welding on stainless steel, aluminium and mild steel allows us to offer competitive prices and fast turnaround for both custom items and series production.

MIG Welding:

Gas Metal Arc Welding (GMAW) is frequently referred to as MIG welding. MIG welding is a commonly used high deposition rate welding process. Wire is continuously fed from a spool. MIG welding is therefore referred to as a semiautomatic welding process.

MIG Welding Benefits:

- All position capability
- Higher deposition rates than SMAW
- Less operator skill required
- Long welds can be made without starts and stops
- Minimal post weld cleaning is required

TIG Welding:

Tig welding is a intensely fine and delicate welding technique. For this you showing off to preserve you torch in one hand and use a filler rod in the added. The idea is that you slowly feed the filler rod into the weld as you go. You can weld when TIG or GTAW, Gas Tungsten Arc welding without using the filler rod and understandably just melt the two bits of metal together. This is known as “fusing”, where using the heat from arc you melt and merge it together.

TIG Welding Benefits:

- Superior quality welds
- Welds can be made with or without filler metal
- Precise control of welding variables (heat)
- Free of spatter
- Low distortion

Arc Welding:

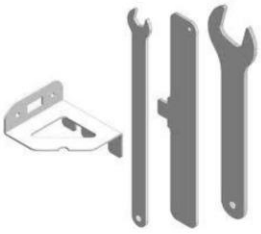
The rarefied reveal for arc welding is SMAW or MMAW. This is Shielded or Manual Metal Arc Welding. This period you use an electrode which is just a length of filler wire that is going on the subject of for average approximately 1 foot long and is covered in a flux. As you use the rod happening the flux will burn off and create a shielding gas that protects the weld.

Arc Welding is frequently referred to as stick or covered electrode welding. arc welding is among the most widely used welding processes.

Arc Welding Benefits:

- Equipment used is simple, inexpensive, and portable
- Electrode provides and regulates its own flux
- Lower sensitivity to wind and drafts than gas shielded welding processes
- All position capability

Laser Cutting Parts



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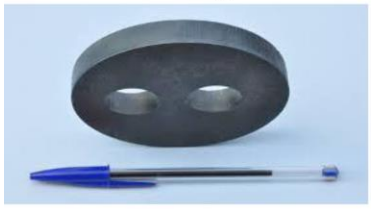

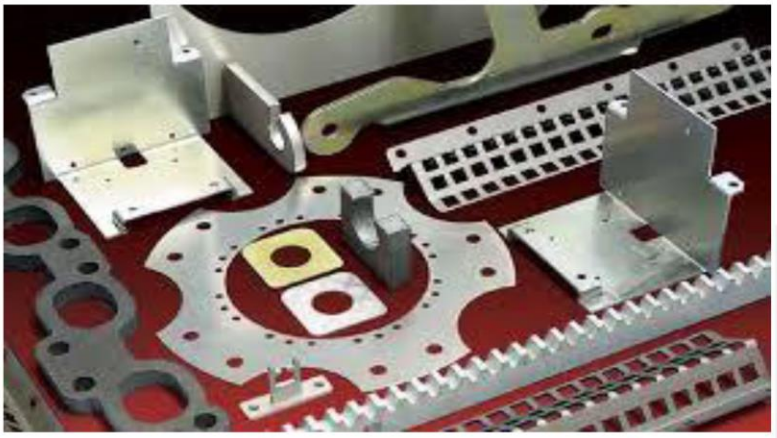

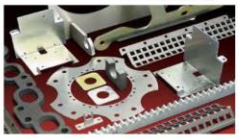

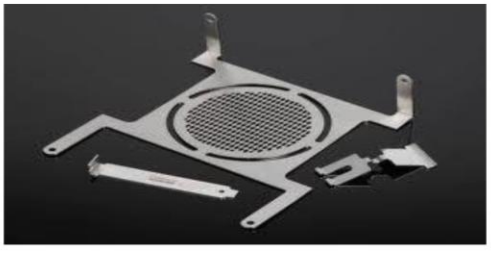

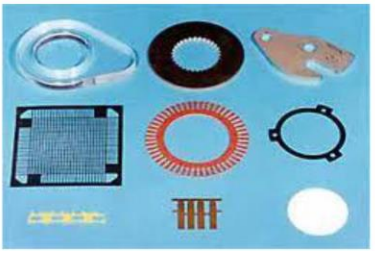

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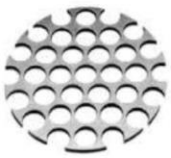







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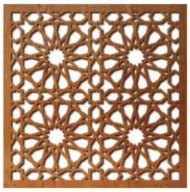


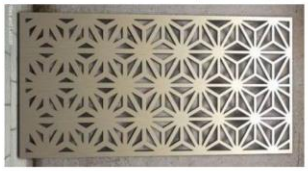
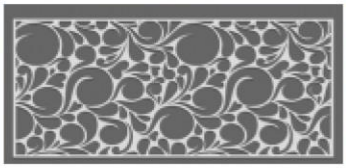
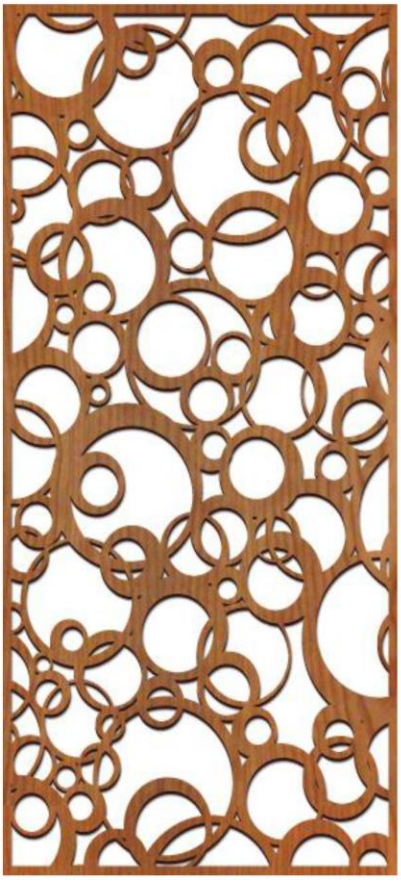




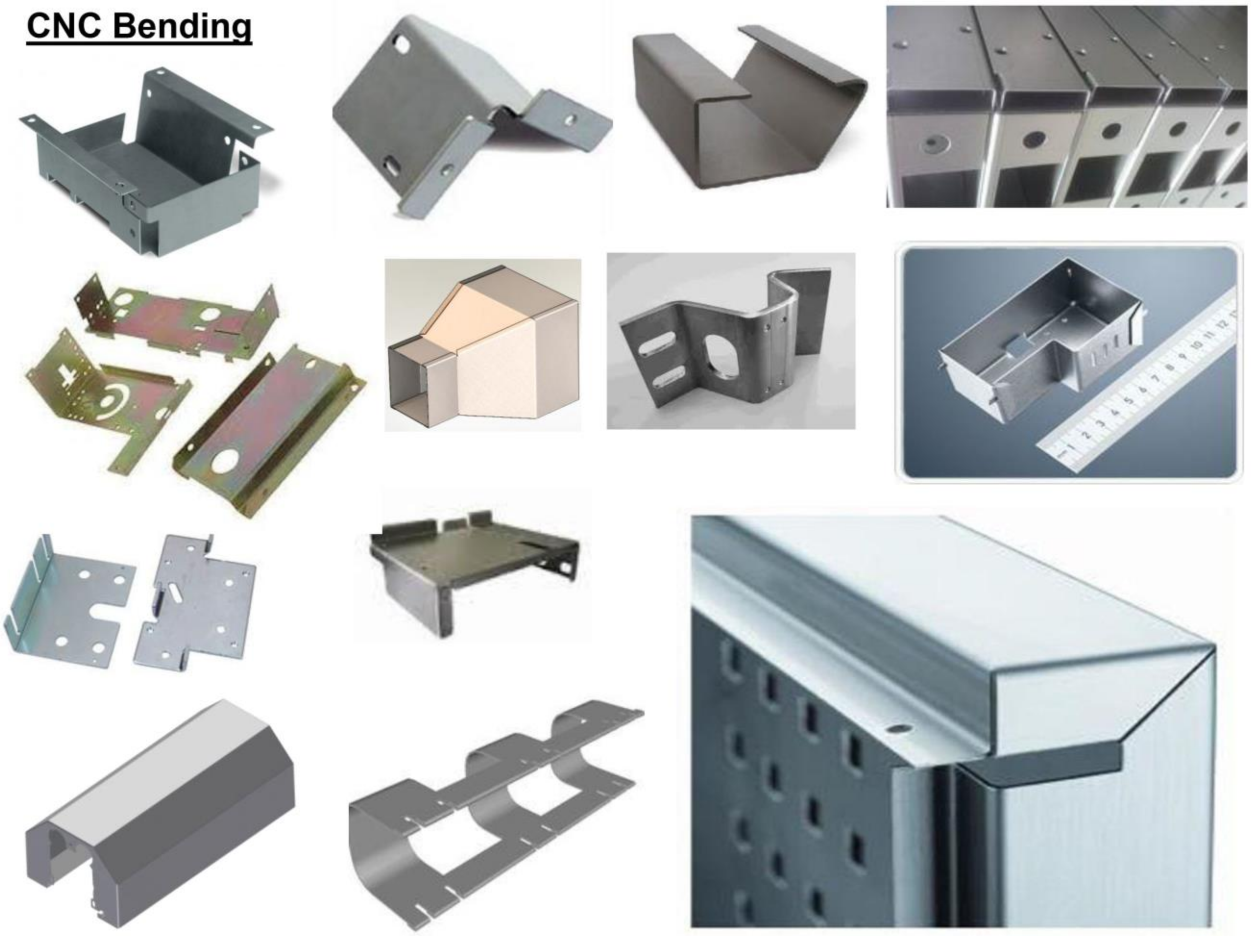






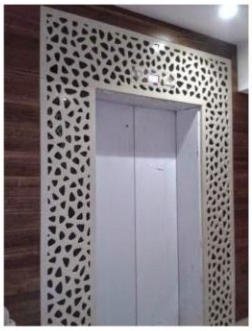




CNC Bending



Electric Panel Fabrication

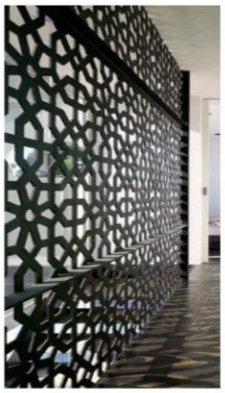
Laser Cutting Parts





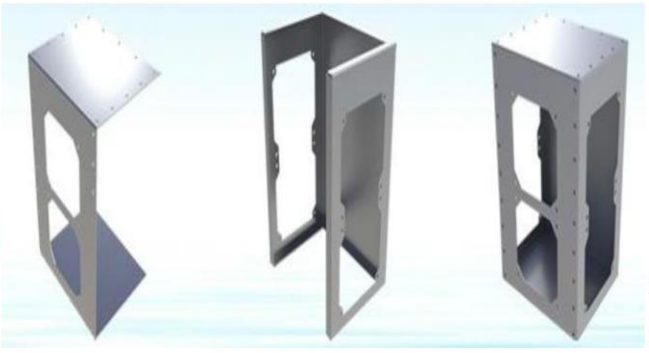




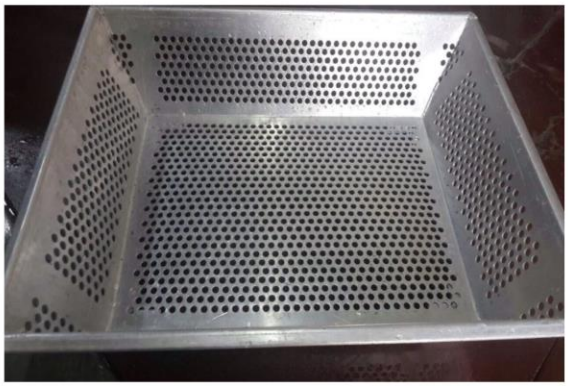
CNC Bending







SS Fabrication



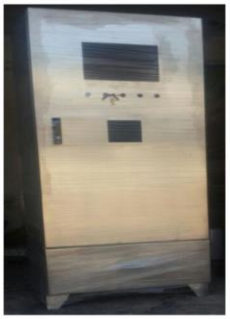
Electric Panel Fabrication

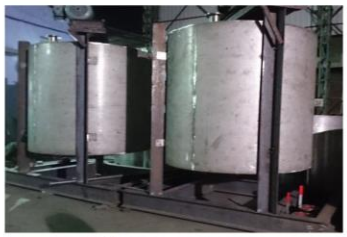


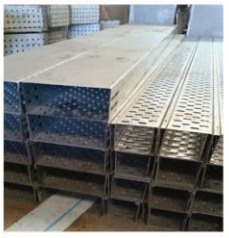

SS Fabrication




SS Fabrication







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