



# SSD ENGINEERING WORKS



Laser Cutting Machine 1.5 KW (fiber)



Laser Cutting Machine 3 KW (fiber)



HINDUSTAN HYDRAULICS BENCH PRESS (BENDING)



HINDUSTAN HYDRAULICS BENCH PRESS (BENDING)

**We Have Installed 2 Laser Cutting Machine (3 kilowatt) & (1.5 kilowatt) Fiber Machine with Pipe cutting.**

**We Have Installed 3 CNC Hydraulic Press (Bending) Machine.**

**We do all kind of Sheet Metal cutting, bending & laser Job works**

**With our Professional and Experienced Team we can provide best of Quality & Timely delivery**

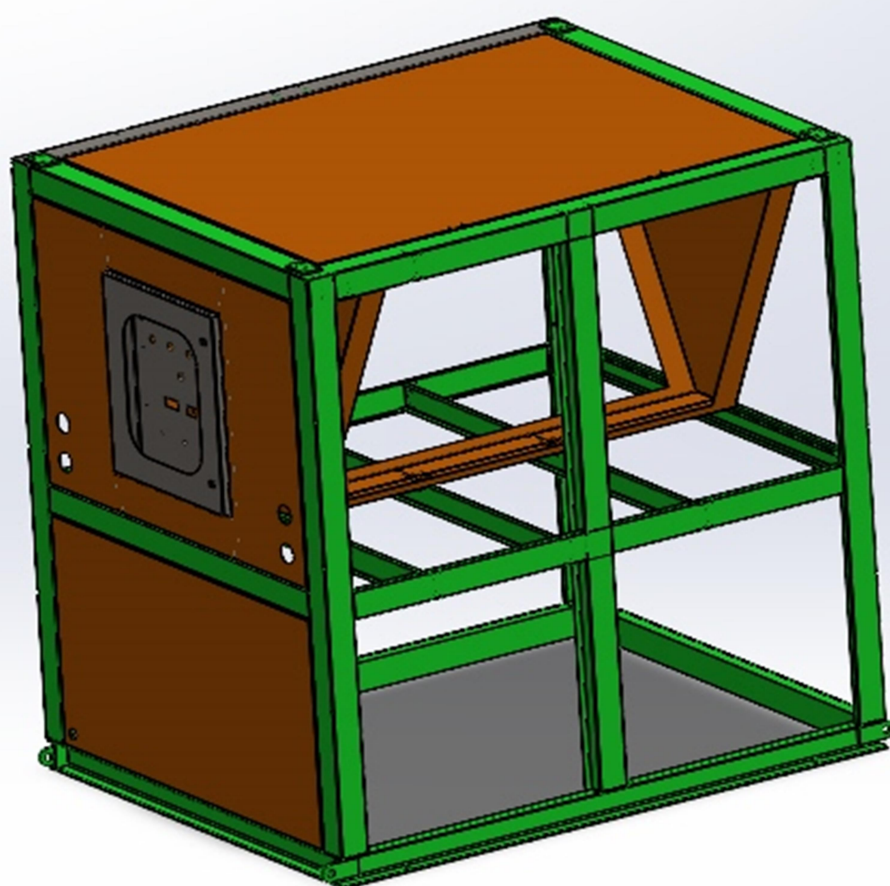
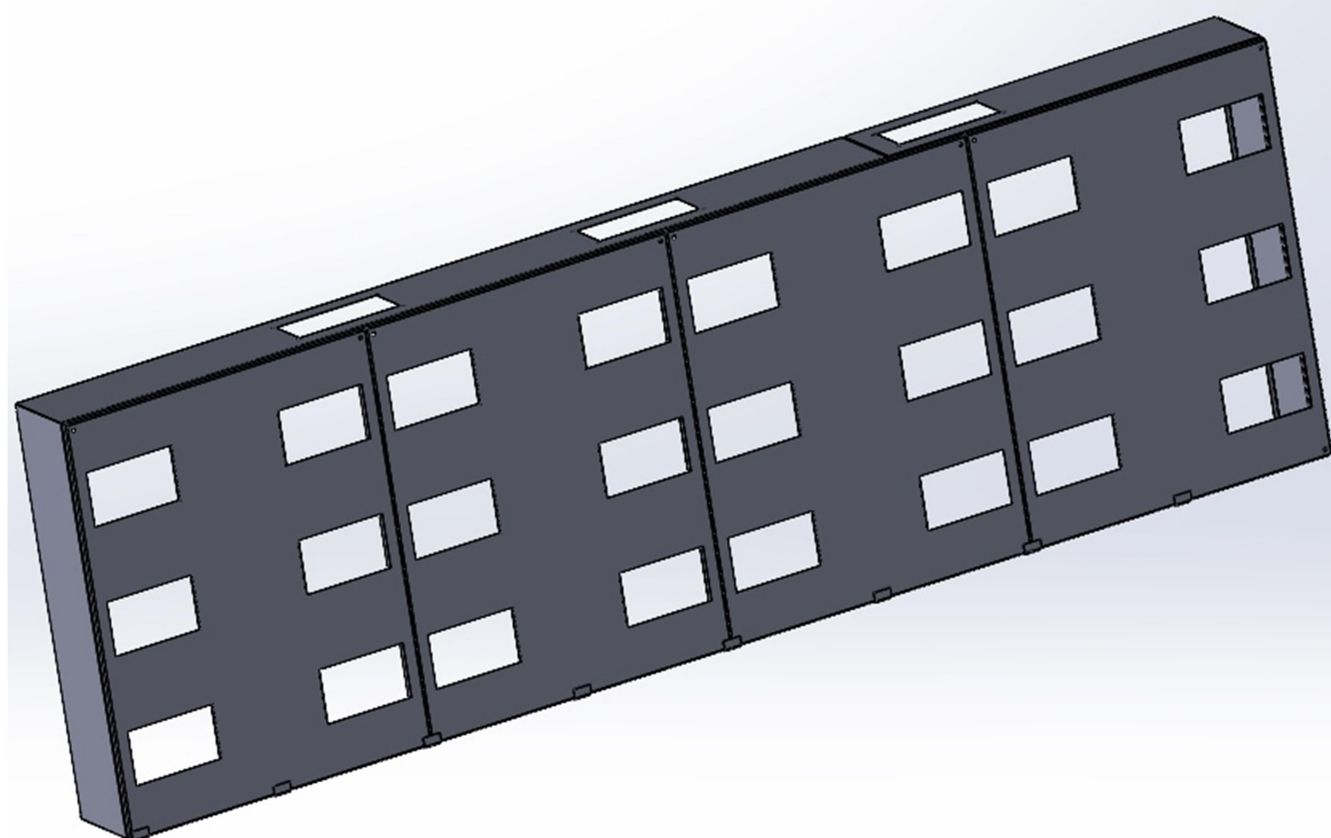
**The thicknesses for laser cutting we can manufacture in various materials are as follows:**

**Mild Steel - 25mm  
Stainless Steel - 10 mm  
Aluminum - 5 mm**

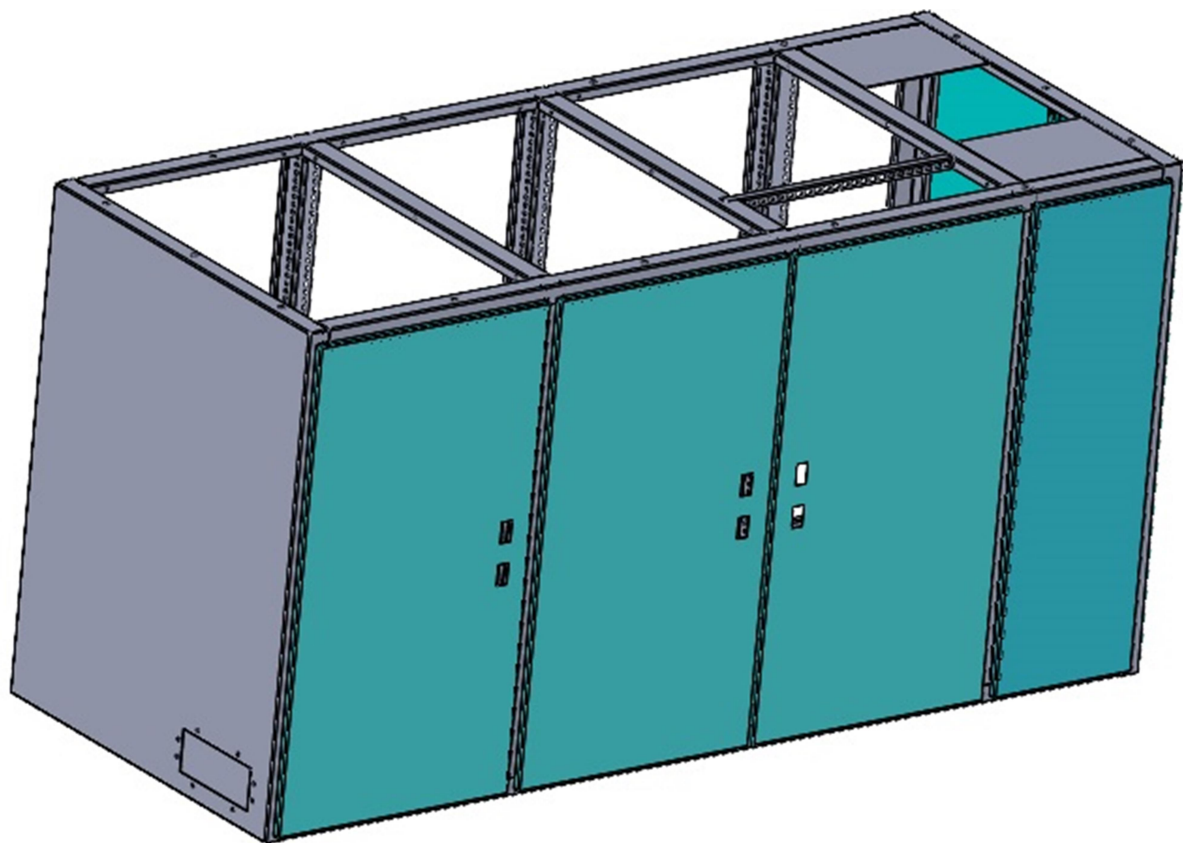
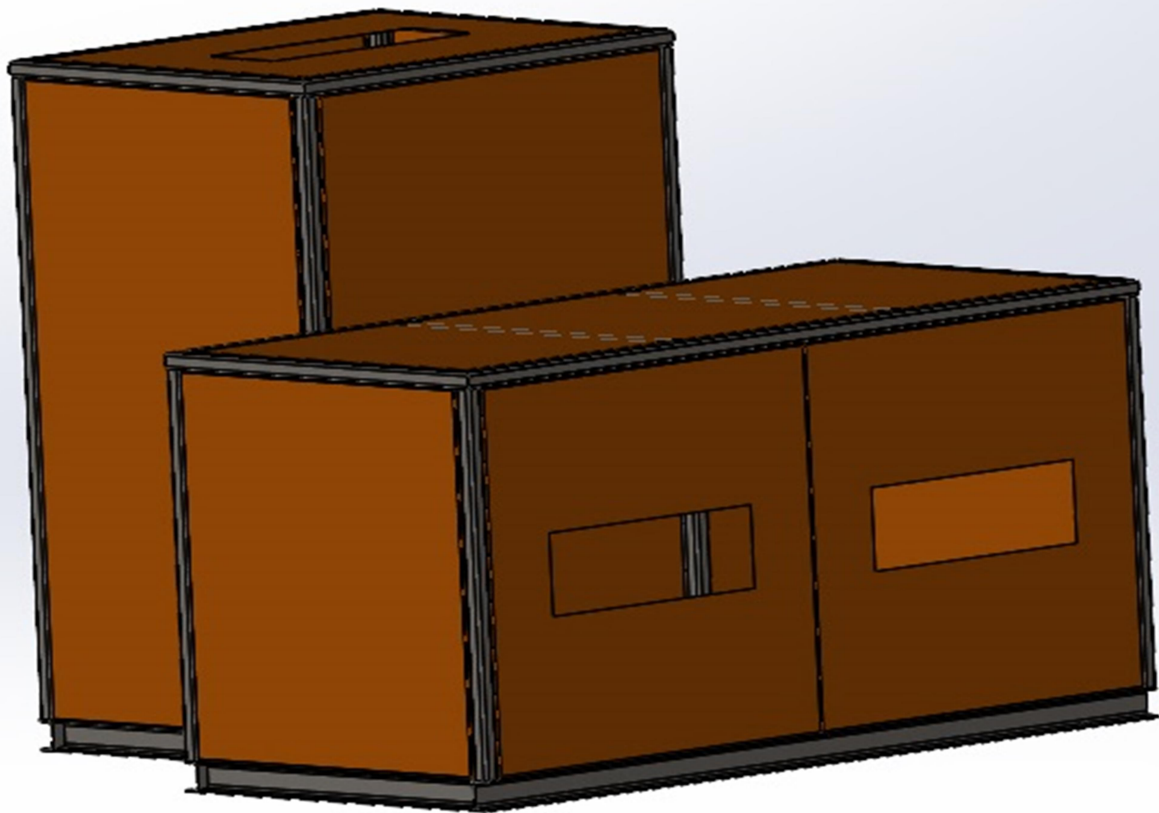
**The thicknesses for pipe cutting: - thickness 16 mm – dia 210 mm**

**Bending work we can do up to 8mm thickness and lenth 3 mtr.**











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## ➤ Company Profile:

Business Type:- Manufacturer & Service Provider, Year of Establishment:- 2017.

Annual Turnover:- 4cr to 4.5 cr.

Total Number of Employees:- 20 to 30 experienced People.

## ➤ Our Objectives:

Our Objective is to Provide Good Quality Engineering Solutions to customers in quick time for new components developments using the latest generation manufacturing and development techniques like:

- Laser cutting technology to process the material without tools to great accuracy.
- CNC Bending over 3 meter lengths with 6 axes of freedom from 100 Tons
- Fabrication and Assembly

There helping them "Reduce Time to Market, Cost & Improve Quality

## ➤ Why Us?:

**Management:-**The strength of **SSD ENGINEERING WORKS** team is not only technical & project management expertise, but also the trained manpower. We go the extra mile to deliver good quality desired products with an objective to exceed customer expectations.

**On-Time Delivery:-**Not only does **SSD ENGINEERING WORKS** offer leading-edge through Technology but we deliver products and solutions on-time in fact before the hard deadlines keeping in mind the Quality of the Product.

**Within Budget:-****SSD ENGINEERING WORKS** deliver cost-effective solutions over the long run.

**Complete Solution:-****SSD ENGINEERING WORKS** is equipped with the Latest Tooling in sheet metal & pipe cutting processing for Laser cutting, bending, fabrication & multi profile cutting tools to give great finish.

**Process:-** **SSD ENGINEERING WORKS** proven methodology, best practice approach & work management experience ensures that you will be satisfied with our service, professionalism and final product.

**Long-Term Relationship:-** **SSD ENGINEERING WORKS** always work towards building long term relationship with our clients. We believe in continuity of business with our customers & growth in business through word of mouth publicity. We endeavor to maintain the quality and uniqueness of our products keep our prices low and deliver it on schedule. We always supply good quality products to our valuable clients. The products manufactured always adhere to client specifications. Every product is thoroughly inspected and tested, before being given the nod for final delivery.

## ➤ Our Quality Assurance

We at **SSD ENGINEERING WORKS** are committed to manufacturing and supply of sheet metal components as per customer requirements and deliver it to them on time. We will do this through continuous improvement in our quality management system.

## ➤ CNC Laser Cutting

**CNC Sheet Metal** working Centre "**HSG SMART LASER**" The given key characteristics of this system:

- No tooling cost
- Greater accuracy
- Compact dimensions
- Quick turnaround

### Benefits

- Sheet metal instead of solid material: Make your parts out of sheet metal with the **SL 1530C ( SMART LASER) & HSG 3KW LASER** new rather than cutting them out of solid material. You save material costs and production time.
- Production from sheet metal saves on material costs and production time.
- Ability to produce any shape with outstanding cut quality.
- Save on refinishing because the max laser accident edge quality.
- Design freedom: fabricate large and complex shapes much more economically

## ➤ CNC Bending

We have installed 3 hydraulic press CNC bending machine of "**HINDUSTAN HYDRAULICS**" for bending up to 8 mm with 3mtr length.

This machine at **SSD ENGINEERING WORKS** offers high repeatability, precise depth to give uniform bending over the length. Very precise set up machining of required frame members ascertains great perpendicularity result between upper and lower working faces. Excellent features like dwell time control, speed control programmable, direct angle programming, angle correction, back gauge correction, decompression, force calculation deflection, calculation, guarantees very less set up time. Machine is equipped with various types of Delem controllers & back gauge options.

### Features:

- The design of Press Brake machine is based on S-B-R (Synchronized Bed Reference) principle with Y1 - Y2 control.
- Rigidly welded, stress relieved frame ensures minimum deflection even under maximum load.
- The machine has a rigid and accurate guiding of pressing beam to achieve desired beam- tilt.
- Full Electronic synchronization with proportional valve technology assures constant monitoring and correction of beam parallelism through CNC system.

## ➤ Sheet Metal Fabrication

Our team specializes in custom sheet metal fabrication for a variety of industries, ensuring tailored solutions for each project. Our fabrication process is designed to minimize waste and reduce costs, offering competitive pricing. We handle both simple and complex metal assemblies, offering efficient and reliable solutions. We use state-of-the-art tools and machinery to guarantee the highest standard of fabrication and accuracy

We currently provide **laser cutting service, bending and sheet metal fabrication services** for a broad Range of industries.

### ➤ Some Process Are:-

Assembly, Shearing, Laser cutting, Bending, Spinning, Spot Welding, Stamping, Rolling, Mig, Argon & Tig Welding, Buffing, Fabrication.

**Please Contact:-**

**SSD ENGINEERING WORKS**

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