

**SANAND'S
BRAND NEW
FABRICATION
POWERHOUSE
SPREAD IN
50,000 SQ. FT**



**INDUSTRIAL
FABRICATION
EXPERT IN SANAND**

CALL US : +91 90997 12233
WRITE US : empresform@gmail.com

**EM PRESS
FORM**

www.empresform.com



We are subsidiary of
**Energy Mission
 Machineries India Ltd.**,
 who has having
25+ Year's
**Experience on field of
 Sheet Metal Machinery
 Manufacturing.**



VISION

M/s EM Press Form Solutions Pvt Ltd. is a fabrication powerhouse, located at emerging industrial hub at Sanand GIDC Ahmedabad, with a vision to provide the services in field of industrial fabrication. We are subsidiary of ENERGY MISSION MACHINERIES INDIA LTD., who has having 25+ years' experience on field of sheet metal machinery manufacturing.

Our plant facility is equipped with modern state of art machinery & infrastructure to cater our customers with high quality products & quick delivery solutions.

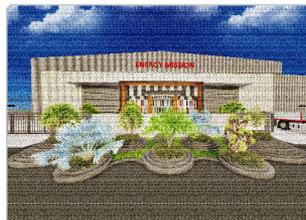
MANUFACTURING FACILITY

We have state of art manufacturing facility spread in 50,000 sq. ft area with covered space of 35,000 sq. ft. The plant has built with all modern machinery & infrastructure, employing team of 30 personals. We have dedicated team for design & development for developing solution in sheet metal parts, a team of production & QC engineers to ensure quality production & quick responsive management for ensuring professional services to all our customers.

The plant is in heart of Sanand Industrial area, with good connectivity to Automobile hub & Auto Vendor Park, Multi-national zone, Pharma zone, Knowledge Park, Plastic & Engineering Zone within the vicinity of 10 kms. Also Japanese Industrial Township - Khoraj is approx. 20 kms & Japanese Industrial Estate Vithalapur is approx. 60 kms.

INFRASTRUCTURE

The plant is equipped with all modern, state of art machinery for fabrication workshop.



CNC FIBER LASER CUTTING MACHINE

Capacity : 16mm MS & 10mm SS

Length : 4000mm

We are equipped with CNC Fiber Laser Cutting Machine 3 KW 2m x 4m table with auto Pallet Changer.



CNC PRESS BRAKE

We are equipped with

Capacity : 200T X 4100mm
with 5 axis.

Bending : 10mm MS or

Capacity 8mm SS

Length : 4000 mm



MIG WELDING MACHINES



MIG WELDING

We have in-house MIG welding facility for quick, clean & accurate flux free welding process. The long pass welding with few stops & starts can be done.

RESISTANCE SPOT WELDING MACHINE



MIG WELDING

We have in-house MIG welding facility for quick, clean & accurate flux free welding process. The long pass welding with few stops & starts can be done.

ASSEMBLY TABLE

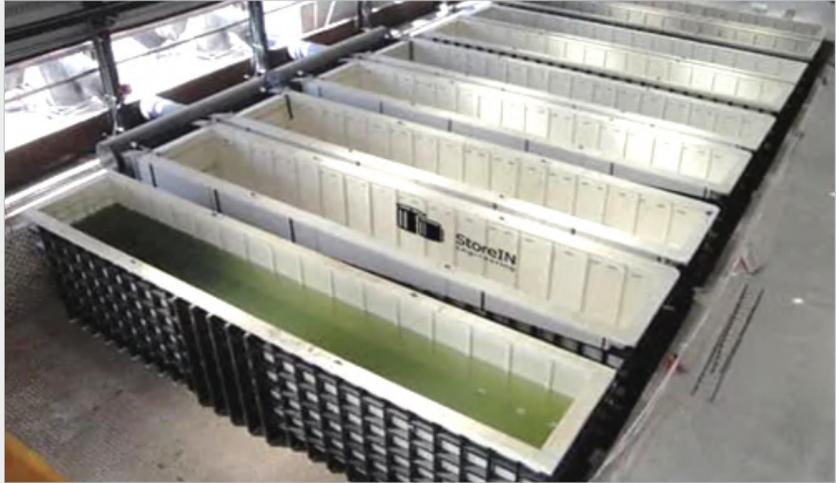
SIZE : 1000 mm X 1500 mm

We have in-house modular welding table with clamps. The fabrication assemblies are built on the same. We can use proper fixtures to ensure quick & faster assembly alignments.



POWDER COATING FACILITY

We are in process of establishing in-house surface treatment plant, which has in-house Seven tank process, Phosphating, Blackodising, Powder spray booth & Paint booth with drying oven. We are also establishing in-house laboratory setup to check & ensure surface treatment quality on each production lot.



SEVEN TANK PROCESS

TANK-1	DEGREASING
TANK-2	WATER RINSE-I
TANK-3	DERUSTING
TANK-4	WATER RINSE-II
TANK-5	SURFACE ACTIVATION
TANK-6	PHOSPHATING
TANK-7	WATER RINSE-III
TANK-8	PASSIVATION
DEGREASING	Room Temperature Process, Duration-30-40 Minutes, For-Cleaning the Sheet Metal Surface of grease, oils, soils, lubricants, oxide films, Heat Treatment/welding Scales etc. by ALKALINE DEGREASER.
WATER RINSE-I	Rinsing Process is Carried out.
DERUSTING	Room Temperature Process, Duration-20 Minutes, For-Cleaning The Sheet Metal Surface of Rust by Mixed HYDROCHLORIC ACID.
WATER RINSE-II	Rinsing Process is Carried out.
SURFACE ACTIVATION	Room Temperature Process, Duration-20 Minutes, For-Activating the Sheet Metal Surface for Zn & Mn phosphate Coating by ACTIVATION CHEMICALS
PHOSPHATING	Room Temperature Process, Duration-5-20 Minutes, For-Smooth & Uniform Coating of Sheet Metal Surface with Zn Phosphate by ZINC PHOSPHATE SOLUTION
WATER RINSE-III	Rinsing Process is Carried out.
PASSIVATION	Room Temperature Process, Duration-15-20 Minutes, For-Sealing Pores of Sheet Metal Surface for obtaining Maximum Corrosion Resistance over Phosphate Coating by DECXYLITE SOLUTION
OVEN DRYING	150 Deg c Process, Duration-10-20 Minutes, For- Drying Sheet Metal Parts by HOT AIR.
POWDER COATING	Done within 24 Hrs of Oven Drying, Sheet Metal parts are Coated with Powder of shade desired by client through Spraying in Spray Booths, and than Epoxy-Powder Coated/Sprayed Sheet Metal parts are BAKED in Electrically Fired Oven at 140-150 Deg c for 10-15 Minutes.

PAINT BOOTH

Size : 4 meter x 2 meter



Electrical Heated Oven

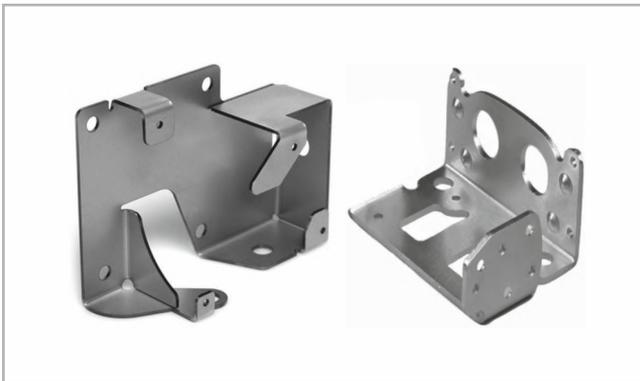
Size : 4 meter x 2 meter



PRODUCTS WE DELIVER

CAPACITY AND EXPERTISE

At EM Press Form Solution, we have the capacity and expertise to handle even the most complex fabrication projects. Our team of skilled professionals is dedicated to delivering quality results on time, every time.



WHY CHOOSE US

MODERN FACILITY

Our modern infrastructure ensures efficiency and precision in every project.

SCALABILITY

With a large area and advanced machinery, we can scale our operations to meet your growing needs.

CUSTOMIZATION

We understand that every project is unique, and we offer tailored solutions to suit your specific requirements.

QUALITY ASSURANCE

Backed by years of experience and a commitment to excellence, we guarantee superior quality in every aspect of our work.



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EM PRESS FORM SOLUTIONS PRIVATE LIMITED

REGISTER OFFICE & FACTORY

E-244, Bol GIDC, Sanand-II Industrial Area, Ta. Sanand, Dis. Ahmedabad - 382170,
Gujarat - India. +91 90997 12233 | Info@empressform.com

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