



ESSEM

Metal Tech Pvt Ltd

EN ISO 14001:2015 CERTIFIED



QUALITY
YOU CAN TRUST



PRECISION
YOU CAN SEE



COMMITMENT
YOU CAN RELY ON



**ENGINEERING
EXCELLENCE**

Precision Fabrication.
Trusted Quality.
Stronger Future.



INTRODUCTION

When it comes to large-scale Industrial fabrication capabilities and the capacity for quick project turnaround in metal fabrication, **"ESSEM FABRICATORS"** is a recognized regional leader.



ABOUT US

Founded in 1998 as a company "ESSEM FABRICATORS" has evolved into a full-fledged, world-class custom and OEM metal fabrication partner for a wide range of industries. Located in Pune, Maharashtra, India, and our 42,000 sq. ft. Facilities [Plat-1 Plant-2] boasts segregated shop areas for each step of the manufacturing process, ensuring the best-quality finished product for customers.

ESSEM FABRICATORS is a full-service metal fabricator serving the Global OEM's. We provide standard and custom metal fabrication by industry and solution, tailored around your specific needs.

We are passionate about helping customers solve their problems and helping them become more successful. This steadfast pursuit of improving our customers' results delivers value that surpasses expectations.

We are a different type of shop. We're not just a manufacturer; we're a value optimizer with a level of loyalty toward our customers that has been our hallmark for nearly a decades.



STOCKED WITH THE HIGHEST QUALITY EQUIPMENT

ESSEM FABRICATORS is your first source for your steel fabrication needs. We have stocked our facilities with the highest quality tools & equipment in order to bring you the best service possible at the best value. Getting your project completed at an efficient rate is our highest priority. We can accommodate any project, from helping manufacture small component for your business to providing large size assemblies for any Industrial Applications.

At ESSEM, we take pride in the equipment we use; our list of equipment includes:



**CNC LASER
CUTTING M/C**



**CNC PPM
HYDRAULIC PRESS
BREAK M/C**



**HYDRAULIC
SHEARING
M/C**



**CNC PROFILE
CUTTING
MACHINE**



**MIGSCOUT500WEL
DING MACHINES**



**7.5MT+CAPACITY
CRANES**



**5MT+CAPACITY
CRANES**

STOCKED WITH THE HIGHEST QUALITY EQUIPMENTS



CNC PROFILE CUTTING MACHINE



Process :- Gas Cutting, Plasma Cutting

Effective Cutting Width :- 3.2m to 18m

Effective Cutting Length :- Infinite

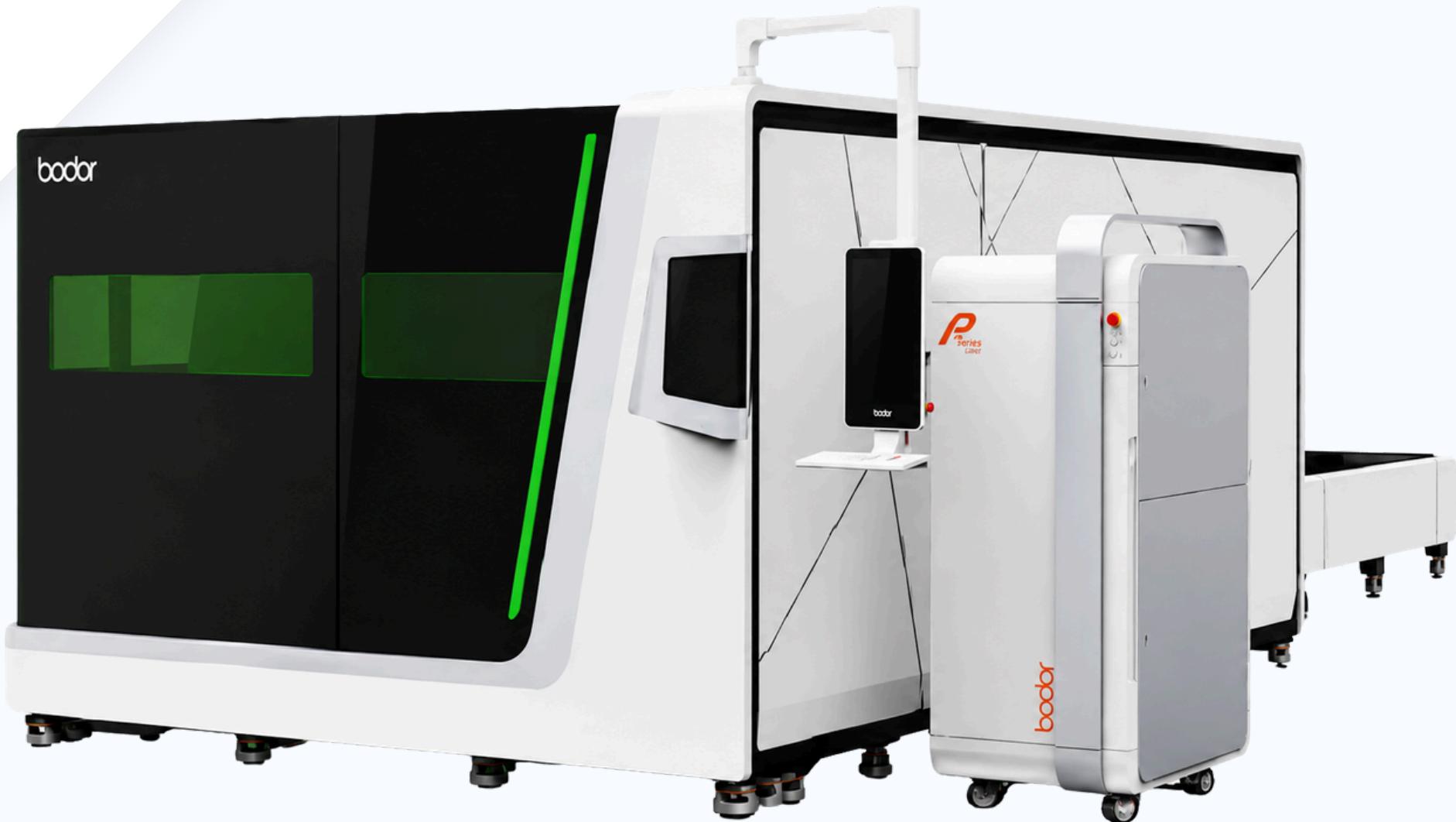
PositioningSpeed :- 0-12000mm/min

Cutting Thickness :-	0.5to120mmMSby PlasmaCutting
	1 to 160mm SS by Plasma Cutting
	6to300mm MSby Gas Cutting

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CNC LASER CUTTING M/C

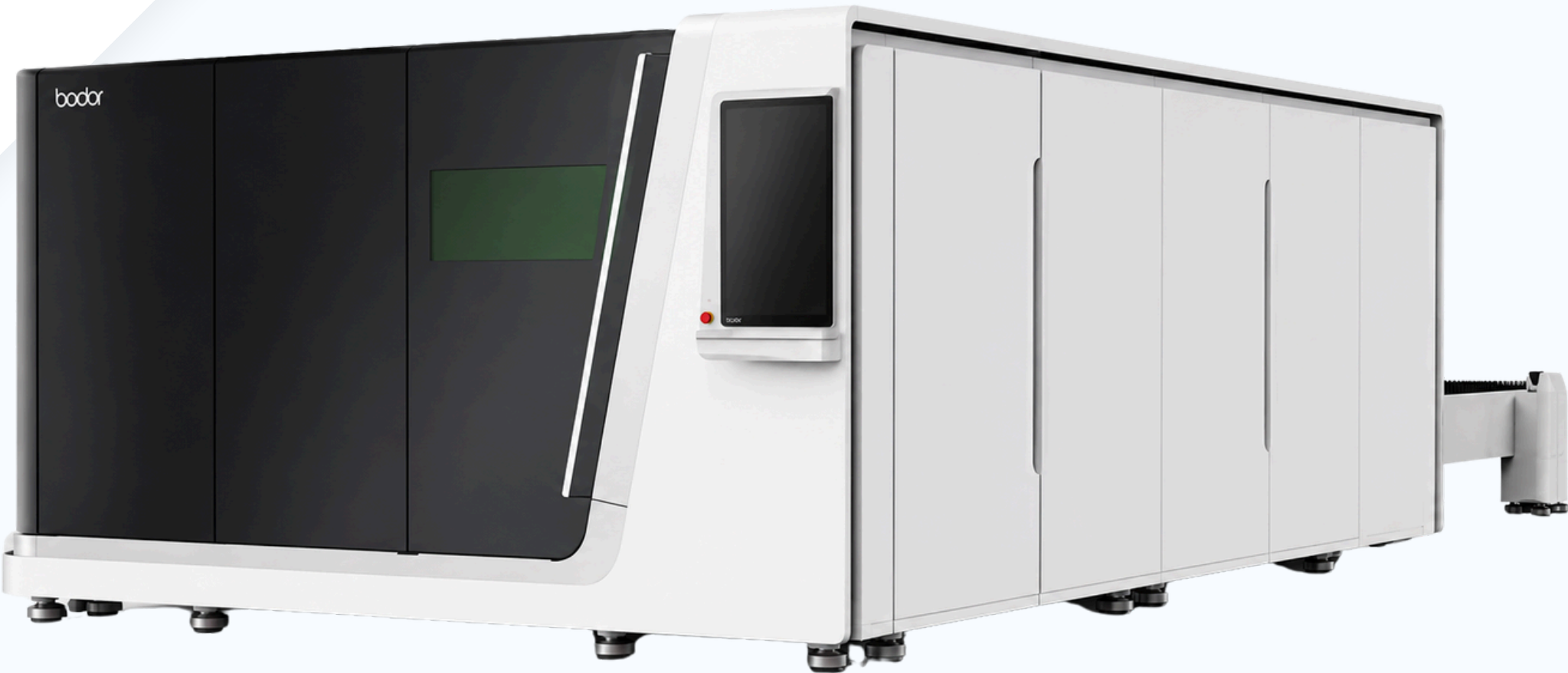


Make :- BODOR 2 KW Fiber Laser
Model :- P3015
Working Area :- 3000 x 1500 mm
Axis Accuracy :- 0.03 mm
Linkage Speed :- 140 m/min
Qty.: 1 No.

STOCKED WITH THE HIGHEST QUALITY EQUIPMENTS



CNC LASER CUTTING M/C



Make :- BODOR 6 KW Fiber Laser
Model :- P3015
Working Area :- 6100 x 2500mm
Axis Accuracy :- 0.03 mm
Linkage Speed :- 180 m/min
Qty.: 1 No.

STOCKED WITH THE HIGHEST QUALITY EQUIPMENTS



CNC PPM HYDRAULIC PRESS BREAK M/C

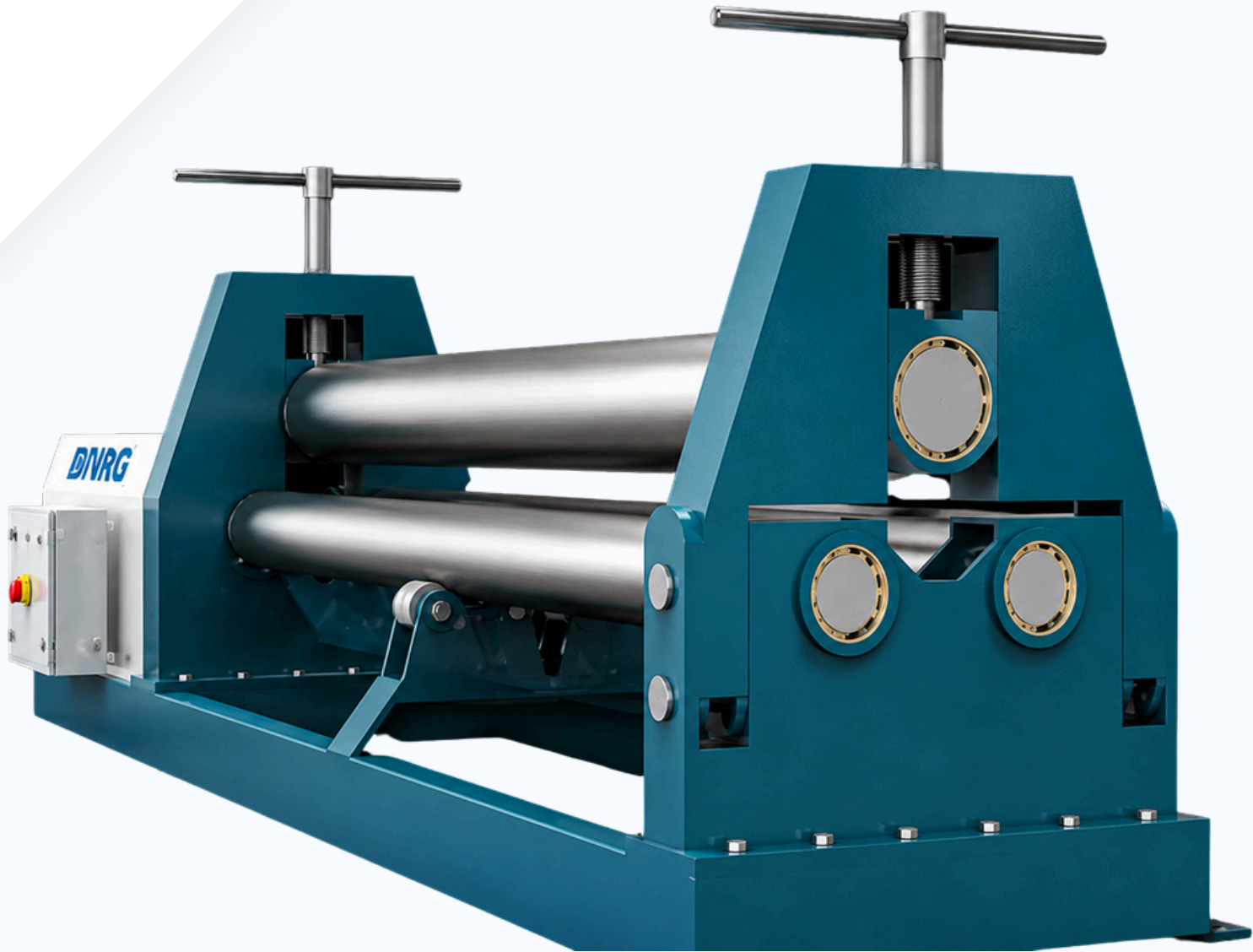


Make :- HACO
Capacity :- 2200 KN
Working Length :- 3100 mm
Distance Between Housing :- 2600mm
Daylight Opening :- 450 mm
Stroke :- 215 mm
Table Height :- 965 mm
Max. Working Speed :- 9 mm/s
Max. Pressure :- 350 bar
Qty.: 2 Nos.

STOCKED WITH THE HIGHEST QUALITY EQUIPMENTS



SHEET PLATE ROLLING MACHINE



Types :- Sheetrolling machine

Automation grade :- Semi automatic

Phase :- 3Phase

Power :- 10 HP

Voltage :- 415V

Range :- 3 to 30mm

Length :- 1500 to 3000mm

Qty.: 1Nos.

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S HYDROLICPRESS MACHINE



Types :- HydraulicPressmachine

Automation grade :- Semi automatic

Capacity :- 150 ton

Qty.: 1Nos.

STOCKED WITH THE HIGHEST QUALITY EQUIPMENTS



WELDING MACHINES: MIG SCOUT 500



Make :- MIGATRONIC
Output Current Range :- 60-500 amps
Rated Output Voltage :- 17-39 V
Current @ 60 duty cycle :- 500 amps
Welding Wire Dia :- 1.0 to 1.6 mm
Current Control :- Step-less
Protection Class :- IP23
Efficiency :- 89%
Cooling :- Forced Air
Qty.: 3 Nos.

STOCKED WITH THE HIGHEST QUALITY EQUIPMENTS

WELDING MACHINES: MIG SCOUT 500



Make :- PANASONIC
Output Current Range :- 60-500 amps
Rated Output Voltage :- 16-45 V
Current @60 duty cycle :- 500 amps
Welding Wire Dia :- 1.0 to 1.6 mm
Current Control :- Step-less
Protection Class :- IP23
Efficiency :- 89%
Cooling :- Forced Air
Qty.: 1 Nos.

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5MT SINGLE GIRDER EOT CRANES: 2 NOS



Make :- MALGUDI ASSOCIATES
Type of Crane :- Single Girder (EOT)
Capacity (SWL) :- 5MT
Span :- 15m
Lifting Height :- 10m
Lifting Mechanism :- Electric hoist
High-tech advanced lifting
Crane traveling mechanism :- 30m/min
High Efficiency
Qty.: 1 Nos.

STOCKED WITH THE HIGHEST QUALITY EQUIPMENTS

7.5MT SINGLE GIRDER EOT CRANES: 1 NOS



Make :- MALGUDI ASSOCIATES
Type of Crane :- Single Girder (EOT)
Capacity (SWL) :- 7.5MT
Span :- 25m
Lifting Height :- 10m
Lifting Mechanism :- Electric hoist
High-tech advanced lifting
Crane traveling mechanism :- 30m/min
High Efficiency
Qty.: Nos.

STOCKED WITH THE HIGHEST QUALITY EQUIPMENTS



2 MTSINGLEGIRDEREOTCRANES:1NOS

Make :- SACHINENGINEERING
Type of Crane :- Single Girder (EOT)
Capacity (SWL) :- 7.5MT
Span :- 25m
Lifting Height :- 10m
Lifting Mechanism :- Electric hoist
High-tech advanced lifting
Crane traveling mechanism :- 30m/min
High Efficiency
Qty.: Nos.

Our Capabilities Get It Done...Our **Experience** Gets It Done Right

In order to keep your project on time and on budget, you need a steel team you can count on. **ESSEM FABRICATORS** offers extensive range of metal fabrication and assembly services in India. With over 20 years of experience as a custom metal fabricator our design and engineering expertise means every job is done right – from simple fabrication projects to the most complex runs. We invite you to explore our vast capabilities, and discover why ESSEM is a trusted metal fabricator in India that gets every job done right.



ESSEM FABRICATORS provides a low cost single solution for all your Metal fabrication, machining and mechanical assembly needs. If you require a simple bracket or complex assembly, our team can assist you in the design process, recommend ways to improve manufacturability and suggest potential cost reductions. If you have precise fabrication requirements and need to keep down product lead times, our experienced staff will show you how to control those requirements. Utilizing our high speed fabrication equipment centers, your precise tolerance accuracy will be upheld while minimizing your lead times. Continually investing in state-of-the-art design, manufacturing and quality control systems, we take pride in maintaining the highest quality, service and competitive pricing.

Industries We Serve

We are a full-service fabricator and manufacturing solution provider. We are glad to a provider of services located in India and have experienced projects through the world. Our unique experience has allowed us to work within a wide range of industries and we proud to offer our services to all companies that are in need of our service. Some of the industries we directly work with are:

Railway	Aerospace	Defense	Automotive
Mining Equipment	Earthmoving Equipment	Textile Industry	Electrical Switchgear
Chemical & Food Processing	Power Plant	Road Construction Equipment	General Engineering

OUR CUSTOMERS

Our Client list Includes more than 100 satisfied customers.



ZOOMLION



ESSEM FABRICATORS is an **ISO 14001:2015 Certified Company**. We have an active, dedicated quality management system in place and we adhere to it in all we do. You can rely on our entire quality management system.

We at **ESSEM FABRICATORS** strive to achieve customer delightment through continual improvement in manufacturing and supplying sheet metal components & equipment on time at competitive price by implementing QMS.

We are committed to keeping your operation productive, with minimal downtime. Our fabrication team is experienced in both production and job-shop projects requiring quick response. Our fabrication shop capabilities include **3D CAD drawing**, which enables us to make 3D drawings for a pre-production fit check.



CERTIFICATE

TÜV
AUSTRIA

Management system as per
EN ISO 14001:2015

In accordance with TÜV AUSTRIA CERT procedures, it is hereby certified that

ESSEM FABRICATORS

Plot No. D-36/37, Chakan MIDC Industrial Area, Phase II Bhamboli,
Tal. Khed, Pune – 410501, Maharashtra, India

applies a management system in line with the above standard for the
following scope

Manufacture & Supply of Sheet Metal Pressed Parts, CNC Laser Cutting
& Bending, Fabricated Assemblies and Material Handling Equipments

Certificate Registration No. 20104233016312

Valid until 2026-03-05
Initial certification: 2023-03-06



Certification Body
at TÜV AUSTRIA CERT GMBH

Vienna, 2023-03-06

This certification was conducted in accordance with TÜV AUSTRIA CERT auditing and certification
procedures and is subject to regular surveillance audits.
TÜV AUSTRIA CERT GMBH Deutschstraße 10 A-1230 Wien www.tuv.at



MEMBER OF MULTILATERAL
RECOGNITION ARRANGEMENT
IAF

Online Verification



www.tuv.at/certcheck

017590-22-3

ZERTIFIKAT | CERTIFICATE | CERTIFICAT | CERTIFICADO | CERTIFIKAT | 證書 | 인증서

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TECHNICAL SPECIFICATIONS



SN	Description	EFPB001
1	Paint Booth Type	Dry Type
2	Filter Medium	Paint Arrestant Filter
3	Left, Right and Top panels	2 mm
4	Exhaust hood connect to fan inlet	1.6 mm
5	Control Panel	Yes
6	Accessories light	Fluorescent Light - 40 Watts.
7	Dimensions (Width x Length x Height) in mm	4500 x 6300 x 2700
8	Exhaust Fan (centrifugal Fan - MS)	3 HP
9	Power Supply	30, 50 HZ, 415 V
10	Air Flow (CMH)	5000
11	Static Pressure (mm of H2O)	100
12	Speed (Rpm)	1440

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TECHNICAL SPECIFICATIONS

SN	Description	EFSB002
1	Model	MA-101
2	Tank Capacity	1000 KG
3	Std. Blast Hose Length	4.5 mtr
4	Nozzle	3.5 mm
5	Air Compressor	40 HP
6	Air Receiver Tank	
7	Dimensions (Width x Length x Height) in mm	4500 x 6300 x 2700

OUR PRODUCTS

STC 600 & 800 COUNTER WEIGHT



SY 390 COUNTER WEIGHT



CRAWLER 1100 COUNTER WEIGHT



CONVERSION WASH



STC 1100C COUNTER WEIGHT 32TON



FORK LIFT COUNTER WEIGHT



BACHING PANTBACHING PANT



BACHING PLANT TOWER ASSEMBLY



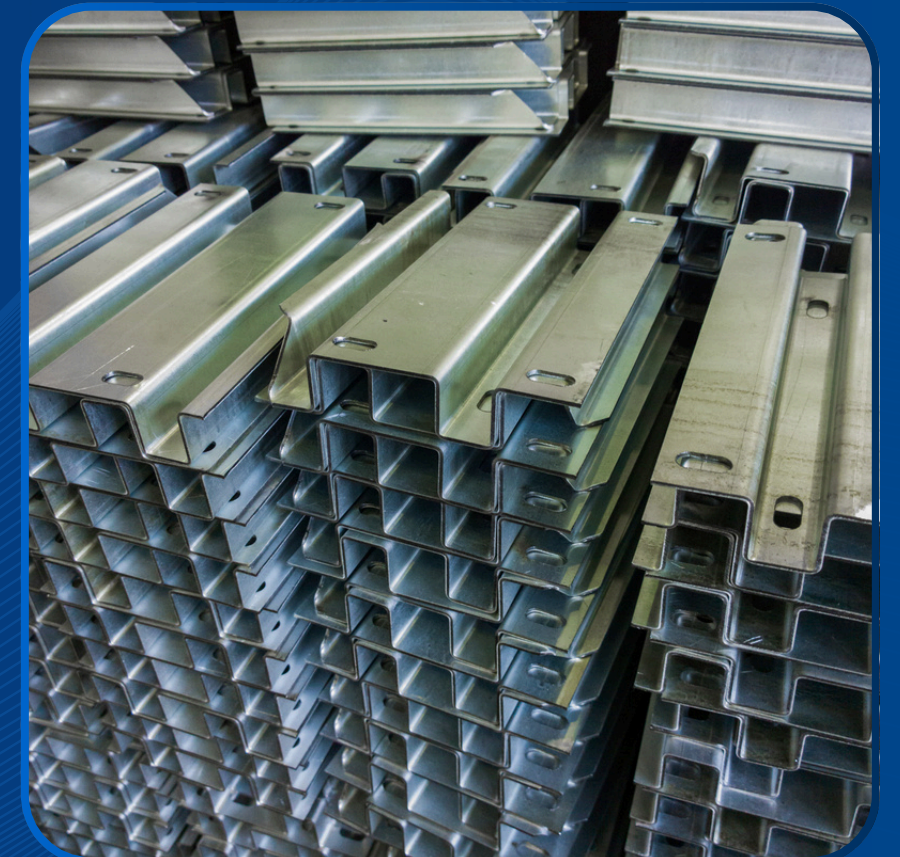
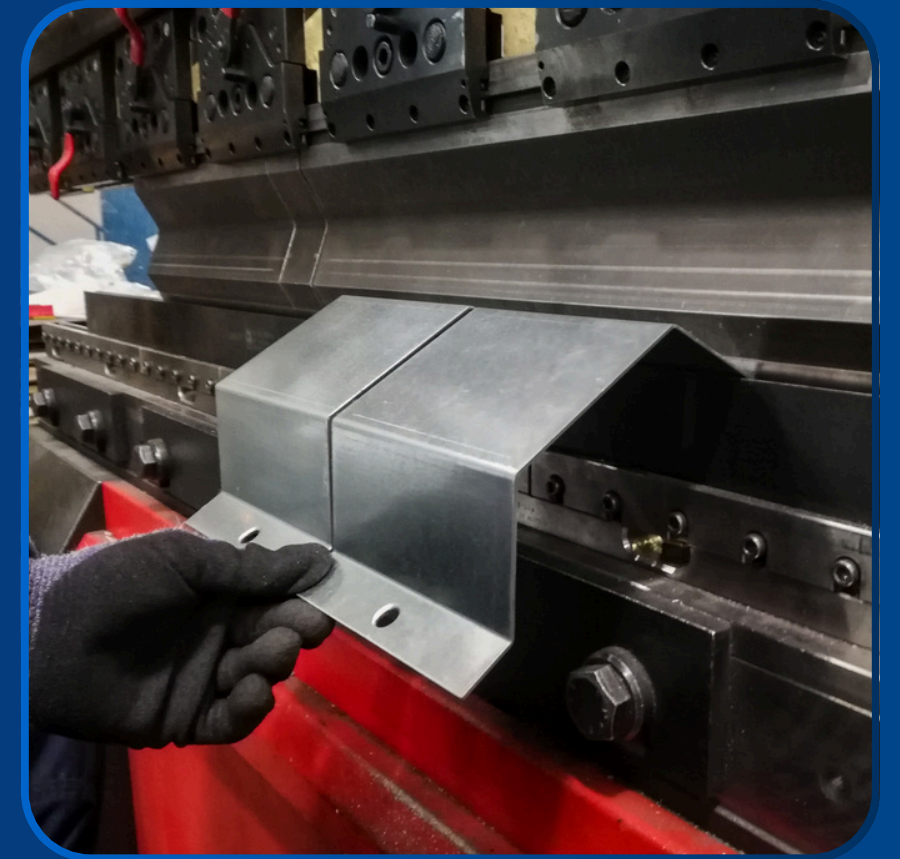
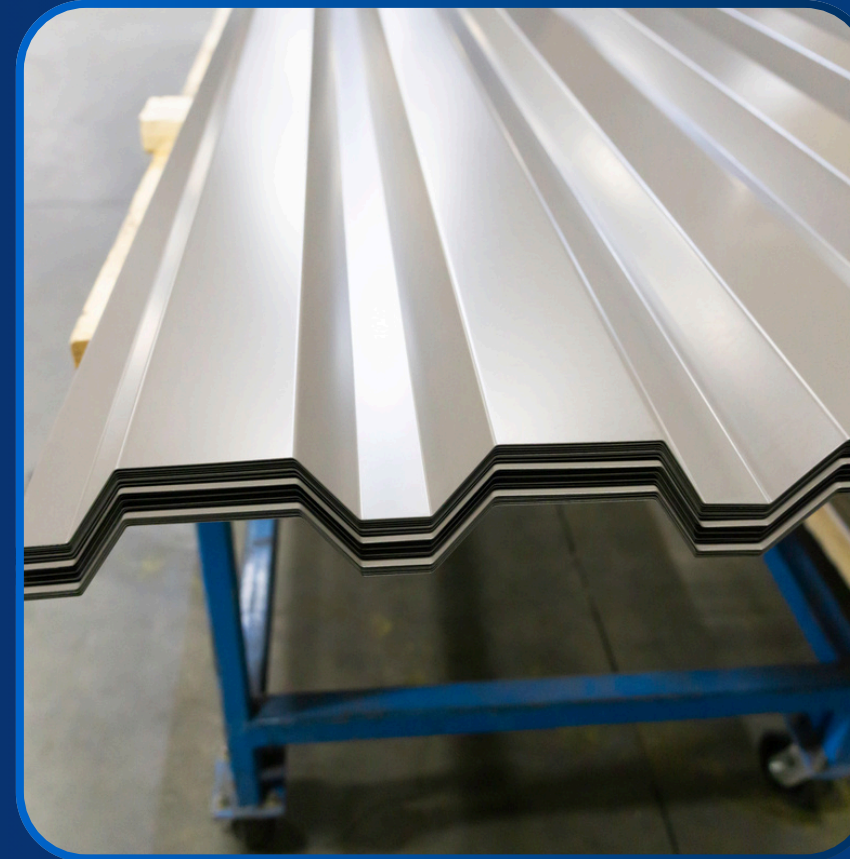
BACHING PLANT



HOOPER



SHEET METAL CHILD PART



Contact Us

WE ARE HERE TO HELP YOU



EMAIL



PHONE



MOBILE



EMAIL ID



LOCATION



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PLANT- 1

Plot No. 80, Sector 10,
PCNTDA, Bhosari,
Pune, 411026,
Maharashtra, India



PLANT- 2

Plot No. D-36/37,
MIDC Chakan Phase II,
Bhamboli, Tal.-Khed,
Dist. Pune,
Maharashtra, India



Mr. Sunil Baloji

Managing Director
+91-9822006126



Mr. Sachin Patane

(Partner)
+91-9881151409



Head Office

+91-20-66307247



Email:

essemfabricators@rediffmail.com



Website:

www.essemfabricator.com

PRECISION. QUALITY. COMMITMENT.

Building a Stronger Tomorrow Together



THANK YOU

FOR YOUR TIME & ATTENTION

