



www.metalplants.com



Metal Plants India Pvt. Ltd.

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**METAL
PLANTS**
INDIA PVT LTD

**INNOVATIVE
SOLUTIONS WITH
TRUST**

WHO WE ARE

Incepted in 1970 by Mr. M. B. Koppa, Metal Plants is one of the foremost designers and manufacturers of a wide array of process equipments, proprietary equipments and turnkey systems with over 5 decades of proven experience. Health, Safety and Environment form the bedrock of our company.

Fuelled by our passion for innovation, commitment to deliver cutting-edge equipments through our unmatched fabrication craftsmanship to drive customer delight, **Metal Plants** has established a strong legacy. Today, we cater to a wide array of clientele belonging to diverse industry segments, including chemical & Pharmaceutical, Petrochemicals & Fertilizers, Food & Dairy and Perfumery & Cosmetics from around the globe.

We operate out of our state-of-the-art manufacturing facility in Ambernath, Dist. Thane, Maharashtra, India. It is accredited with **ISO 9001-2015 certification**, and is in the process of acquiring "U" stamp certification. Our Quality Assurance Plans and Quality Welding Procedures for Duplex, Inconel and Hastelloy are in place. Besides, this facility is strategically located in close proximity to majority of airports, highways, railroads and shipping ports. This enables us to deliver on our promise of on-time delivery.

Our team of seasoned and committed professionals continually endeavours to leverage their expertise to streamline our operations by executing, delivering on-time and keeping abreast with the latest manufacturing technology. This enables Metal Plants to meet the sharp surge in demands of our global customers for the state-of-the-art process equipments, turnkey systems and solutions.

The journey that commenced with a single step is about to gather steam. The future is bright. The future is filled with extraordinary growth possibilities. Going forward, we seek your continued patronage in propelling Metal Plants to greater heights and take it to the next level.

WHO WE ARE



LEADERSHIP



Mr. C. M. Koppa

Mr. C. M. Koppa is a Mechanical Engineer by qualification and a leader with a passion. He brings to the table the years of experience in designing and manufacturing of process equipments, which was honed to a fine fettle under his father's guidance. He effortlessly combines his tech savvy mindset, fabrication craftsmanship and design expertise to consistently deliver cost effective solutions to his esteemed clientele from diverse industry segments in India. Under his leadership, the company clocked an exceptional growth in a fiercely competitive landscape of the Indian process equipments designing and manufacturing industry. Going forward, the company is equipped to scale new peaks and take the business to the next level.

MANAGEMENT AND TEAM



Mr. M. B. Koppa, the founder and brainchild behind Metal Plants, under whose leadership the company ventured into fabrication of components and expanded its operations into designing and manufacturing of Process Equipments, Systems and Solutions. To help him take the company to the next level, he was joined by Mr. C. M. Koppa in 1987 and Mrs. Manjula Koppa in 2005.

Being visionaries with an entrepreneurial streak combined with their tech-savvy mindset, fabrication craftsmanship and design expertise ushered the company on the highway to success in line with their business ideology.

Unmatched quality, state-of-the-art setup, superior technical capability, customer centric approach, passion for innovation and commitment to excellence form the cornerstone of our company.

Going forward, we take this opportunity to acknowledge and express our sincere gratitude for the stellar contributions of our stakeholders, including customers and team members. Their proactive contributions helped us shape our journey and transform into the pioneer in the industry.

OUR INFRASTRUCTURE

Shaping our Success Story with the Right Tools

PLOT	FACTORY	OFFICE	STORE
2400 SQM	1200 SQM	200 SQM	250 SQM

PLANT MACHINERY

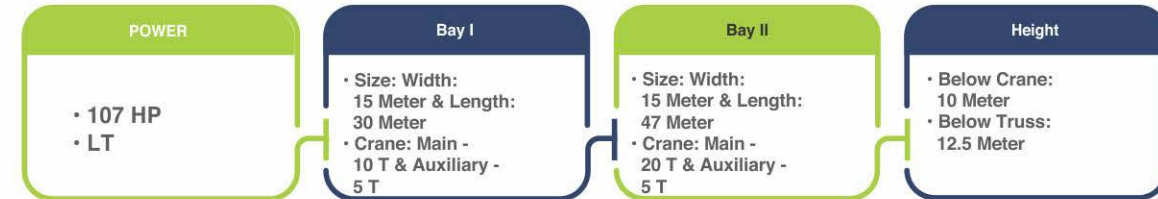


PLATE BENDING MACHINE

- 3 Roll Pre-pinchng Type
- 2500 mm Width
- 36 mm Thick
- Himalaya Make



WELDING MACHINES

- Inverter – DC
- AC-DC Inverter
- MIG
- Suitable for Carbon Steel to Aluminium
- Kempfi, Sigma and Ador Make



PLASMA CUTTING

- Air
- 50 mm
- Hypertherm Make



MACHINE SHOP

- Center Lathes
- Milling
- Drilling
- Slotting
- Band Saw
- Wire Drawing



MEASURING INSTRUMENTS

- Vernier Callipers
- Micrometers
- Pressure Guages
- D Meter
- Tachometer
- Temperature Indicator
- Decibel Meters



TESTING

- Hand Pump
- Vacuum Pump
- Vacuum Box
- Air Compressor
- Agitator Testing Rig

TIE-UPS

Our Success goes hand in hand with our Vendors

- CNC, Jig Boring, VTL & Precision Machining
- Orbital Welding, Laser & Water Jet Cutting
- Electropolishing, Galvanizing or other Surface Treatments
- Glass Bead & Sand Blasting
- PTFE, Halar & Rubber Lining

DESIGN/ENGINEERING

Difference is in our Design

Design Code

- Pressure Vessels
- ASME SEC VIII DIVN 1 & 2
 - PD 5500
 - IS 2825

- Heat Exchanger
- TEMA
 - ASME SEC VIII DIV 1

- Storage Tanks
- API 650
 - IS 803

- Agitator
- EEUA

Software

- MechCAL
- Design of Pressure Vessels
 - Heat Exchangers & Columns

- EEUA
- Design of Agitator Shafts

- Tie-Ups
- PV Elite
 - HTRI
 - FE Analysis
 - Stress Analysis

- MITcal
- Design of Bevel Gears

- Drawing
- DraftSight
 - SolidWorks

QUALITY CONTROL & NDT



USP_s

Material Handling Experts you can rely on

MATERIAL HANDLED



EXOTIC

- Nickel
- Hastelloy
- Monel
- Inconel
- Duplex, SAF 2205
- Super Duplex, SAF 2507



NON FERROUS

- Aluminium
- Copper
- Aluminium Bronze
- Aluminium Brass



STAINLESS STEEL

- SS 304
- SS 316
- SS 317
- SS 321



CARBON STEEL

- SA 515
- SA 516
- IS 2062

CRITICAL EQUIPMENTS/SYSTEMS



- Explosion Clad Reactor: Nickel 2201
- Explosion Clad Heat Exchanger: SAF 2507
- Explosion Clad Heat Exchanger: Aluminium
- Hydrogenator
- Storage Tanks: 100 KI Aluminium
- Storage Tanks: 250 KI SS 304
- Turnkey Plant: Rose Crystals
- Turnkey Plant: Batching & Blending Plants: Flavour
- Turnkey Plant: Hydro & Steam Distillation Plants:
- Medicinal & Aromatic Herbs

INDUSTRIES WE SERVE

Serving with Pride



CHEMICALS

- Organics
- Inorganics
- Ceramic
- Petrochemicals
- Agrochemicals
- Polymers
- Elastomers
- Oleochemicals
- Explosives
- Fragrance & Flavours
- Industrial Gases



PHARMACEUTICAL

- API
- Liquid Injectables
- Liquid Orals
- Bulk Drug



FOOD & AGRICULTURE

- Chocolate
- Essential Oil Distillation
- Brewing
- Beverages
- Milk & Milk Products
- Oil & Fat Processing



OTHERS

- Petroleum
- Paint
- Ink
- Sealant
- Adhesives
- Aerospace & Space Research

APPLICATIONS



Our Expertise at Work

- Microboration Towers
- Cryogenic Reactors for API
- Caustic Fusion Reactors
- Heat Exchangers for Refrigeration Systems
- Mixers & Blenders for Adhesives, Paints & Inks
- Process Systems: HWG, SFS, CIP, Distillation and Batching & Blending
- Halar Coated Process Equipments
- Nitric Acid Storage Tank
- Corrugated, Finned Tube Heat Exchangers

OUR PRODUCT PORTFOLIO

OUR CUSTOMERS

With over four decades of extensive experience in meeting and exceeding the demands of the industry, we continue to enjoy the patronage of some of India's distinguished corporate in India.



APPROVED INSPECTION AGENCIES

Our products are subject to rigorous inspections and are approved by India's leading inspection agencies. It demonstrates our unequalled expertise in offering premium quality products.



THE PIONEER THAT
DELIVERS ON TIME,
EVERY TIME!