

CORPORATE PROFILE



Model Infra Corporation Pvt Ltd.



MODEL INFRA CORPORATAION PVT LTD

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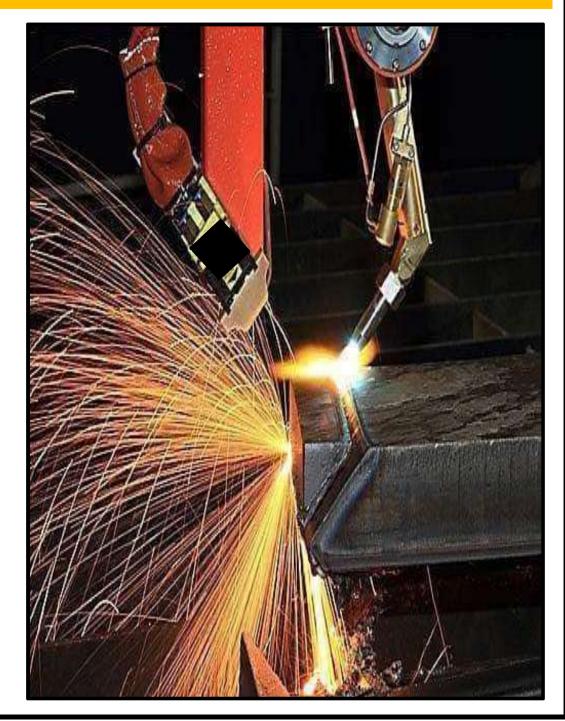
Private and Confidential





CONTENTS

- 1. Who we are
- 2. Who we work with
- 3. What we do
- 4. Products Profile
- 5. Awards & Certifications





- Over 25 Years of serving the biggest names in Construction Equipment, Mining, Energy, Agriculture, Exports, Defense, Railways and others.
- ***** 8 Strategically located Manufacturing plants in India.
- ✤ 60,000+ MT per annum of Fabrication capacity.
- 1,500+Trained associates including certified Welders, Production, Design & Development, Quality, HR and Procurement Professionals.
- Professional Board and Management Team comprised of experienced
 Operational & Investor members.
- Proven track record of on time Delivery & Quality among all clients.



MANUFACTURING FACILITIES



Bangalore, 7,500 MTPA

Goa 7,500 MTPA

Dharwad - Unit 1 5,000 MTPA

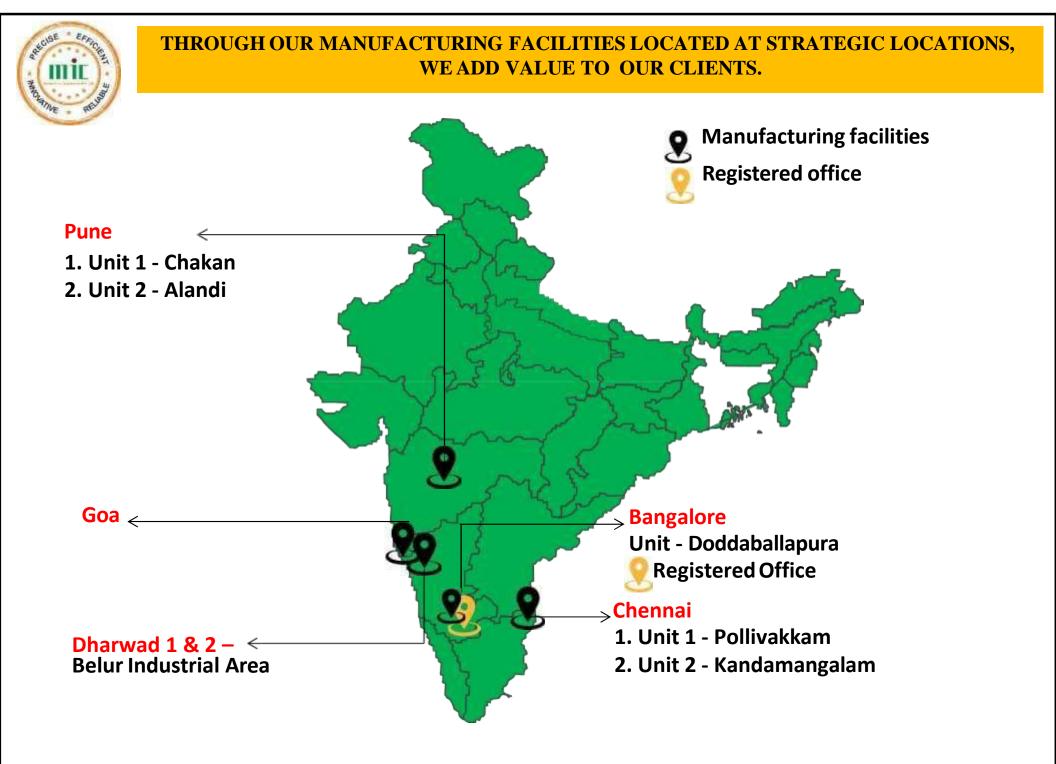
Dharwad - Unit 2 7,500 MTPA



Pune - Chakan 10,000 MTPA

Pune - Alandi 10,000 MTPA

Chennai - Pollivakkam Chennai - Kandamglm 10,000 MTPA 5,000 MTPA





EXECUTIVE MANAGENT TEAM

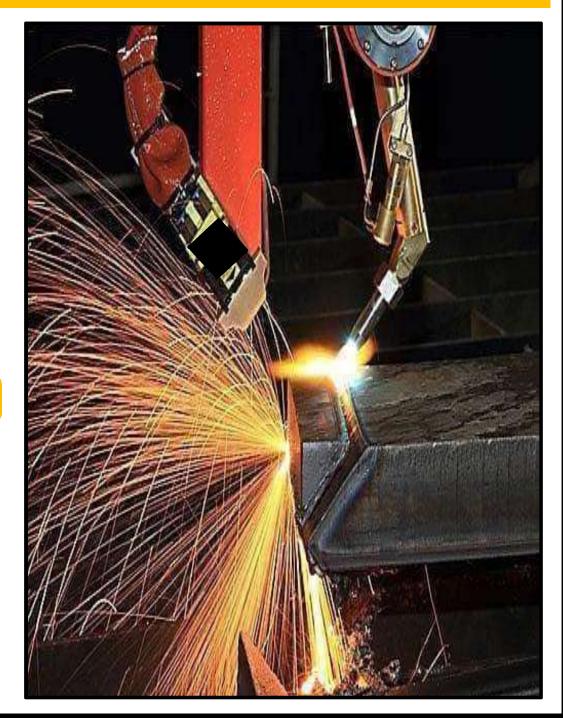
Mr. K.P. Shivaprakash Managing Director & CEO	Mr. K.P. Shivaprakash is a graduate Engineer & MBA with over 30 years of relevant experience. Prior to Joining MIC he had held Senior position as Director Operations for 10 years and had worked with Tier 1 suppliers of most of major OEMs in India in Auto, Construction and Agriculture space.
Mr. Mahendranath Reddy CFO and Director	Mr. Mahendranath Reddy is a CA and with over 25 years of experience in Finance, Accounts, Audit and Taxations . Prior to joining MIC he has worked at senior positions in companies such as BPL Ltd, Sindhu Cargo Service, Bharat Tissus etc. His areas of expertise include Banking, Finance and accounts, Fund raising and Company law compliance.
Mr. Ganesh Ishwar Director - Operations & Exports (Goa & Dharwad)	Mr. Ishwar is a graduate Engineer and MBA, he has been with MIC since its inception as a key founding member. Presently he is holding the key position of Director (Operations & Exports) and has exposure to strategic customer origination, business ramp up production engineering, new projects and planning.
Mr. Robert Monis Director & Corporate Head - HR	Mr. Robert Monis is graduated in law and completed his Post Graduate degree in Human Resources. He has over 25 years of experience in spans Law, Human Resources, Industrial Relations, Strategic Management and Corporate Affairs. Before joining MIC he held senior managerial positions at companies such as Forbes Gokak (a TATA group company), HFM Hammerle Astria, Oswal group and Fouress Engineering India Pvt Ltd.
Mr. K Achuthan Sr. Vice President - Operations (Bangalore)	Mr. Achuthan has over 25 years of rich and relevant experience in the domain areas of Quality Assurance & Compliance, Product & process Development and Manufacturing. He has worked with companies like Simpson, Usha Telehoist, Ajax- Fiori, Leeboy India & Surin Automotive in various capacities before MIC.
Mr. Sanjay Patil Director – Operations (Pune)	Mr. Sanjay Patil has about 25+ years of rich and relevant experience in the domain areas of Operations, product Development, Costing, projects & Marketing. He had worked with world class companies like Fleet Guard (Cummins group), Warade Group & Surin Automotive in various capacities before MIC.
Mr. Nani Gopal Samal Sr. Vice President - Operations (Chennai)	Mr. Nani Gopal Samal has over 25 years of rich and relevant experience in the domain areas of Quality Assurance & Compliance, Product & process Development and Manufacturing. He has worked with companies like Caparo Maruti, Mahendra UGINE & Surin Automotive in various capacities before MIC.





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VARIOUS SECTORS SERVED BY MIC

Construction & Mining Eqpt



Defense

Energy



Agriculture

Railways



Material Handling



Exports





Aviation







OUR ESTEEMED CLIENTS

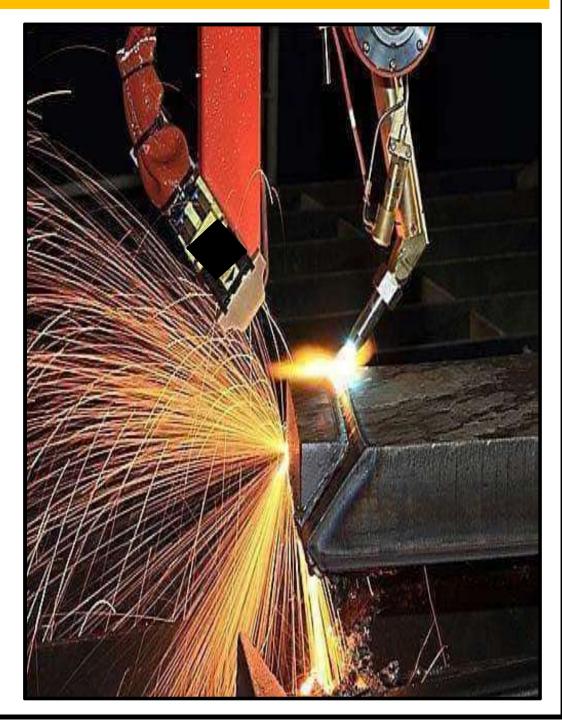






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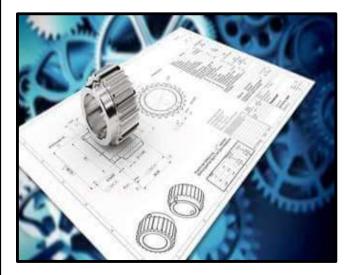
Design & Engineering

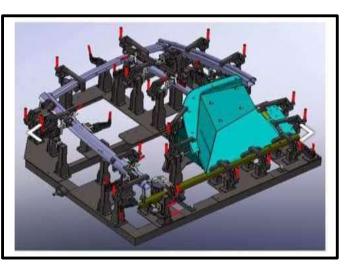
First Operations

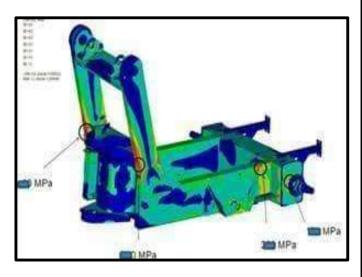
Welding



Finishing







Design Engineering

MIC's design engineers enable us to assist customers in the design and development of new products, optimization of clients designs, Assist with customization of products for domestic market.

Production Engineering

Our production engineers enable us to develop fixtures and tools, optimize production process and minimize wastage. We have resources Specialized in Nesting, SPC, SQC, Lean, KAIZEN etc.,

Design & PD - IT Resources

MIC has resources and capability in efficient utilization of following Software / Packages:

- CREO parametric
- SOLID WORKS
 - ANSYIS
 - ZW CAD
- SIGMA NEST



Design & Engineering First Opera	tions Welding	Machining	Finishing
<image/>	<image/>		
Plasma and Oxy Acetylene CNC Cutting Machines	Laser Cutting Mach	nines Roboti	c Bevelling Machine
	Laser Cutting Mach Make: Messer, Trump (Omini Mat Fiber - 2000	of N	c Bevelling Machine Iake: IGM Austria
CNC Cutting Machines	Make: Messer, Trum	of N	
CNC Cutting Machines Make: Messer	Make: Messer, Trumj (Omini Mat Fiber - 2000	of Dw)	Iake: IGM Austria
CNC Cutting Machines Make: Messer Numbers: 10	Make: Messer, Trumj (Omini Mat Fiber - 2000 Numbers: 3	of Dw) N	Iake: IGM Austria Numbers: 1



Design & Engineering

First Operations

Welding

Machining

Finishing







CNC Press Brake	CNC Rolling Machines	RM Shot blasting
Make: YEWAI,	Make: DAVI Italy	Make: Indabator
Hindustan Hydraulics	Witke. Drivi Ruly	Make. Indubutor
Numbers: 6	Numbers: 5	Numbers: 1
Capacity: 450MT to 650MT	Max Rolling Thickness: 19mm for 3,000mm	Feed Rate: 1 m/min
Stroke Length: 320mm to 400mm		Eff. Diasting Sizes
Max Length / Thick : 6.5Mtr / 16mm	With Cone rolling attachment	Eff. Blasting Size: 8,000mm X 2550mm X 100mm



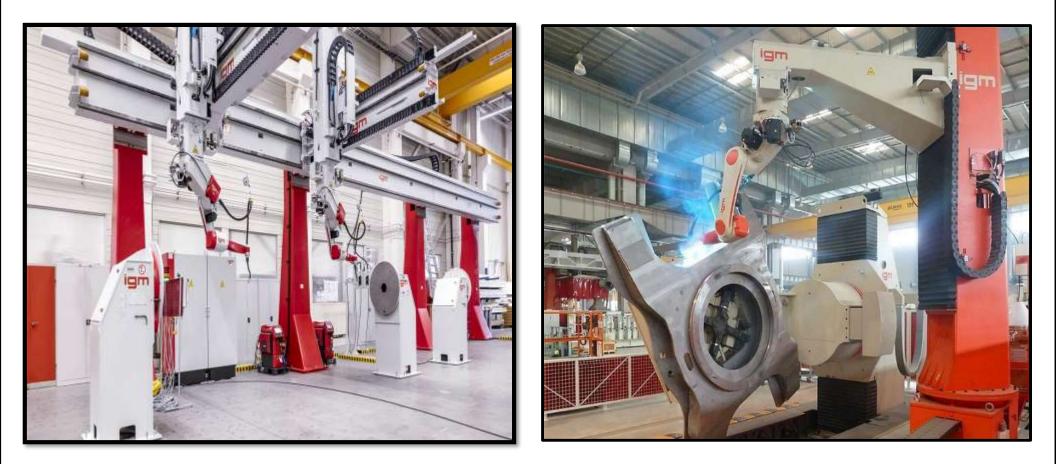
IGM - Robotic Welding Machines







IGM - Robotic Welding Machines





6 Axis Robotic Welding Machine







IGM - Robotic Welding & Komatsu Uranami Welding Machine (UT Joint)







Welding positioners for all types of Structures









Design & Engineering

First Operations

Welding

Machining

Finishing

Welding Certifications:

- > ISO 3834-2 : 2021
 (Welding Quality Management System)
- EN 15085-2
 (welding quality management systems)

International Certified Welding Personnel at all Plants:

- International Welding Specialists (IWS)
- International Welding Engineers (IWE)
- ISO 9712 ASNT / NDT Level II & Level – III Engineers.









Design & Engineering

First Operations

Welding

Machining

Finishing

Welder Training School



Welding Defects



Consumable Samples



Welding Positions







Temperature Control Concept:- The furnace temperature control concept is effected by means of a fully automatic control system through the 4 zones.



Design & Engineering First Op	erations Welding	Machining Finishing
Medium Travelling Double	Fixed Double Column	Vertical Machining
Medium Travelling Double Column Machining Center	Fixed Double Column Machining Center	Vertical Machining Center
		•
Column Machining Center	Machining Center	Center
Column Machining Center Make : Four star , Taiwan	Machining Center Make : Four star , Taiwan	Center Make : Four star , Taiwan Machine Accuracy: 15Microns/ Full
Column Machining Center Make : Four star , Taiwan Machine Accuracy: 20Microns/1Mtr	Machining Center Make : Four star , Taiwan Machine Accuracy: 20Microns/1Mtr	Center Make : Four star , Taiwan Machine Accuracy: 15Microns/ Full Travel
Column Machining Center Make : Four star , Taiwan Machine Accuracy: 20Microns/1Mtr X Axis Travel: 7000mm	Machining Center Make : Four star , Taiwan Machine Accuracy: 20Microns/1Mtr X Axis Travel: 5000mm	Center Make : Four star , Taiwan Machine Accuracy: 15Microns/ Full Travel X Axis Travel: 3200mm
Column Machining CenterMake : Four star , TaiwanMachine Accuracy: 20Microns/1MtrX Axis Travel: 7000mmY Axis Travel: 2750mm	Machining Center Make : Four star , Taiwan Machine Accuracy: 20Microns/1Mtr X Axis Travel: 5000mm Y Axis Travel: 3300mm	CenterMake : Four star , TaiwanMachine Accuracy: 15Microns/ Full TravelX Axis Travel: 3200mmY Axis Travel: 2100mm



Design & Engineering First Oper	ations Welding	Machining Finishing
<image/>		
Double Column Machining Centre (HDT 2470 + 5F)	Double Column Machining Centre (HDT 2490 + 5F)	Double Column Machining Centre (FD 3660 + 5F)
Centre (HDT 2470 + 5F)	Centre (HDT 2490 + 5F)	Centre (FD 3660 + 5F)
Centre (HDT 2470 + 5F) Make : Four star , Taiwan	Centre (HDT 2490 + 5F) Make : Four star , Taiwan	Centre (FD 3660 + 5F) Make : Four star , Taiwan
Centre (HDT 2470 + 5F) Make : Four star , Taiwan Machine Accuracy: 20Microns/1Mtr	Centre (HDT 2490 + 5F) Make : Four star , Taiwan Machine Accuracy: 20Microns/1Mtr	Centre (FD 3660 + 5F) Make : Four star , Taiwan Machine Accuracy: 20Microns/1Mtr
Centre (HDT 2470 + 5F) Make : Four star , Taiwan Machine Accuracy: 20Microns/1Mtr X Axis Travel: 7000mm	Centre (HDT 2490 + 5F) Make : Four star , Taiwan Machine Accuracy: 20Microns/1Mtr X Axis Travel: 9000mm	Centre (FD 3660 + 5F)Make : Four star , TaiwanMachine Accuracy: 20Microns/1MtrX Axis Travel: 6000mm
Centre (HDT 2470 + 5F) Make : Four star , Taiwan Machine Accuracy: 20Microns/1Mtr X Axis Travel: 7000mm Y Axis Travel: 2400+650mm	Centre (HDT 2490 + 5F) Make : Four star , Taiwan Machine Accuracy: 20Microns/1Mtr X Axis Travel: 9000mm Y Axis Travel: 2400+650mm	Centre (FD 3660 + 5F)Make : Four star , TaiwanMachine Accuracy: 20Microns/1MtrX Axis Travel: 6000mmY Axis Travel: 3600+650mm



Design & Engineering First Opera	ntions Welding	Machining Finishing
<image/>		
CNC Double Column Machine	MDR-130 CNC Floor Boring Machine	CNC Horizontal Boring Machine
Make : Forest Line, Italian	Make: Juaristi	Make : Union BFT 130 (Heidenhain Controller)
Machine Accuracy: 20Microns/1Mtr	Machine Accuracy: 20Microns/1Mtr	Machine Accuracy: 20Microns/1Mtr
X Axis Travel : 3100mm	X Axis Travel : 6600mm	X Axis Travel : 2200mm
Y Axis Travel : 3410mm	Y Axis Travel : 2200mm	Y Axis Travel : 1700mm
Z Axis Travel : 2000mm	Z Axis Travel : 1200mm	Z Axis Travel : 2400mm
W Axis Travel : 1500mm	W Axis Travel : 400mm	W Axis Travel : 770mm
Spindle Taper : BT50	Spindle Diameter : 130mm	Spindle Diameter : 130mm
Table Carrying Load : 20000 Kgs	Table Carrying Load : 20000 Kgs	Table Carrying Load : 10000 Kgs



Design & Engineering First Ope	erations Welding	Machining Finishing
	<image/>	
CNC Juaristi TS-150 Floor Boring Machine	CNC T-Type Horizontal Boring Machine	Horizontal Boring Machine
Make: Juaristi	Make : Four star , Taiwan	Make: Fermat
Machine Accuracy: 20Microns/1Mtr	Machine Accuracy: 20Microns/1Mtr	Machine Accuracy: 20Microns/1Mtr
X Axis Travel: 4000 mm	X Axis Travel: 3200mm	X Axis Travel: 4000 mm
Y Axis Travel : 3000 mm	Y Axis Travel: 2000mm	Y Axis Travel: 2000 mm
Z Axis Travel : 1000 mm	Z Axis Travel: 1600mm	Z Axis Travel: 1600 mm
W Axis Travel: 2000 mm	W Axis Travel: 700 mm (Quill Extension)	W Axis Spindle Travel: 730 mm
Spindle Diameter: 130mm	Spindle Diameter: 130mm	Spindle Diameter: 130mm
Table Carrying Load : 20000 Kgs	Table Carrying Load : 18000 Kgs	Table Carrying Load : 10000 Kgs



Machining Finishing **First Operations** Welding **Design & Engineering TOOL PRESETTER & MEASURING MACHINE** Make : ZOLER Model: SMILE420X-00317 Maximum Tool Length Z = 600mm (23.62") Maximum Tool Diameter D = 420mm (16.54") Snap Gauge d = 100mm (3.94") **High Precision Spindle ISO 50** Concentricity 0.002mm (0.000079") 4 X 90 Deg Spindle Indexing **Integrated Calibration Spheres**

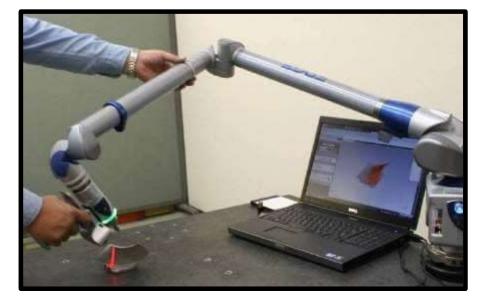


Design & Engineering

OUR CAPABILITIES

Welding

COORDINATE MEASURING MACHINE



First Operations



Machining

Finishing

Coordinate Measuring Machine

Make : FARO Portable CMM Quantum E

Size : 3.5mtr 7 Axis with arm

Probe size : 3mm & 6mm.

Software : CAM2 2019 Probing Edition





Eff. Blasting Width : 4 Mtrs

Eff. Blasting Height : 4 Mtrs



Paint Booth & Oven

Type : Dry / Wet Type

Length : 6 Mtrs to 9 Mtrs

Width : 4 Mtrs

Height : 4 Mtrs

Note: Available at all plants



KEY ENABLERS FOR OUR CAPABILITIES

4

3

People

- 1500+ people across MIC plants including design professionals; design, production and quality engineers and welding professionals qualified as per international standards like ASME Sec IX and DIN 278
- Ongoing training for all our workers in Arc Welding, MIG welding, Dressing Fabricated Components, Fundamentals of Engineering Drawing etc.
- Motivated and experienced employees the average tenure of workers at MIC is 8 years

Processes

- MIC is an ISO 9001:2015, ISO 3834-2-2021, EN 15085-2, ISO 14001, ISO 45001-2018, 27001-2022, 50001-2018 certified company
- ESG disclosure & rating is under progress
- We have robust processes, controls and reporting in place that enable us to operate at optimal efficiency levels and minimize wastage
- We have a strong network of sub-contractors, machinists, yards and warehouses that enables us to quickly ramp up when required by customers

Procurement

- MIC is one of the largest consumers of steel in its business space
- Owing to our annual order quantities, both domestic and imported steel suppliers store inventory for us, ensuring uninterrupted supply
- Our relationships with large mills enable us to obtain steel rolled as per our order, ensuring consistent quality

Partnership

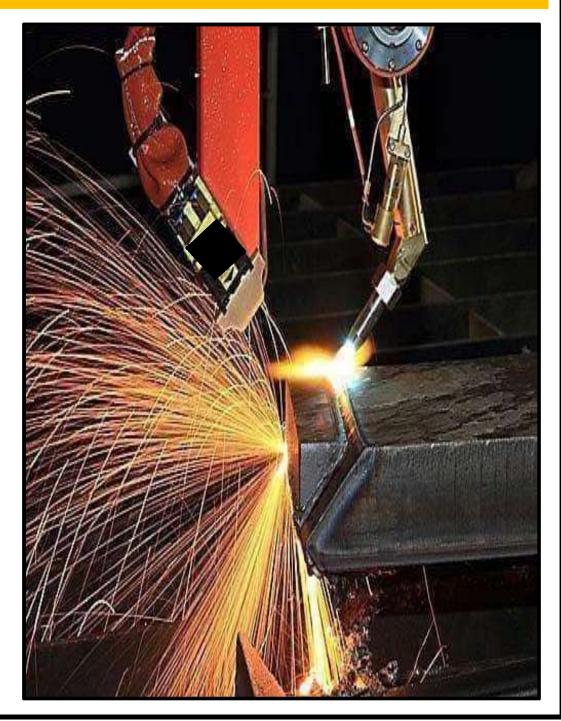
- From being a dedicated supplier to Telcon when we first set up in Dharwad, we have evolved into a trusted partner to several of the reputed names in the industry
- We have endeavoured to constantly enhance our capabilities through partnering with reputed names. Our collaborations are included KOMATSU, JCB, TATA HITACHI, HYUNDAI, KOBELCO, SANY, VOLVO, PUTZMEISTER, DYNAPAC, WIRTGEN, ATLAS COPCO, SIEMENS GAMESA, AJAX, TAFE, CNH, EPIROC, ALSTOM, ADELTE etc..





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PRODUCTS PROFILE

<u>MIC has immense experience in manufacturing of variety of Buckets for</u> <u>Construction Equipment</u>

MICisthelargest manufacturer of wide variety of buckets for excavators in India. Leading names in Construction Equipment including Komatsu, JCB, TATAHitachi, Hyundai, Kobelco, Sany, Volvo, CNH etc. are among MIC's esteemed customers.

Different varieties of buckets manufactured by MIC

20 – 25 Tons class excavator general purpose bucket



30 – 35 Tons class excavator general purpose bucket



45 – 50 Tons class excavator general purpose bucket



Heavy duty iron ore bucket



Granite bucket



Low profile bucket





PRODUCTS PROFILE

Different varieties of buckets and attachments manufactured by MIC

210 Class Ripper Bucket



380 Class Ripper Bucket



2.2 Cu M Ripper Bucket



12 & 20 Ton Tilt Bucket



24" Sheaves



4 Tine Hydraulic Grapple





PRODUCTS PROFILE

Different varieties of buckets and attachments manufactured by MIC

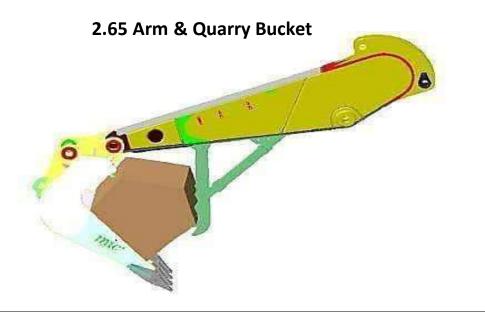
Clampshell Buckect

Quarry Bucket







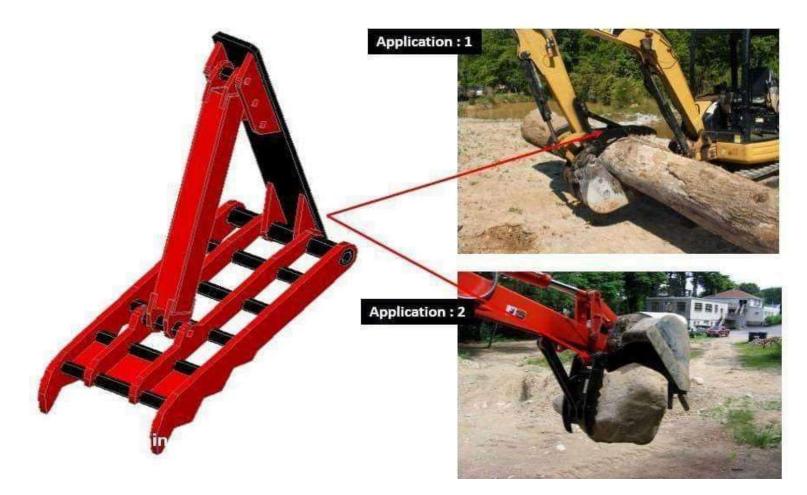






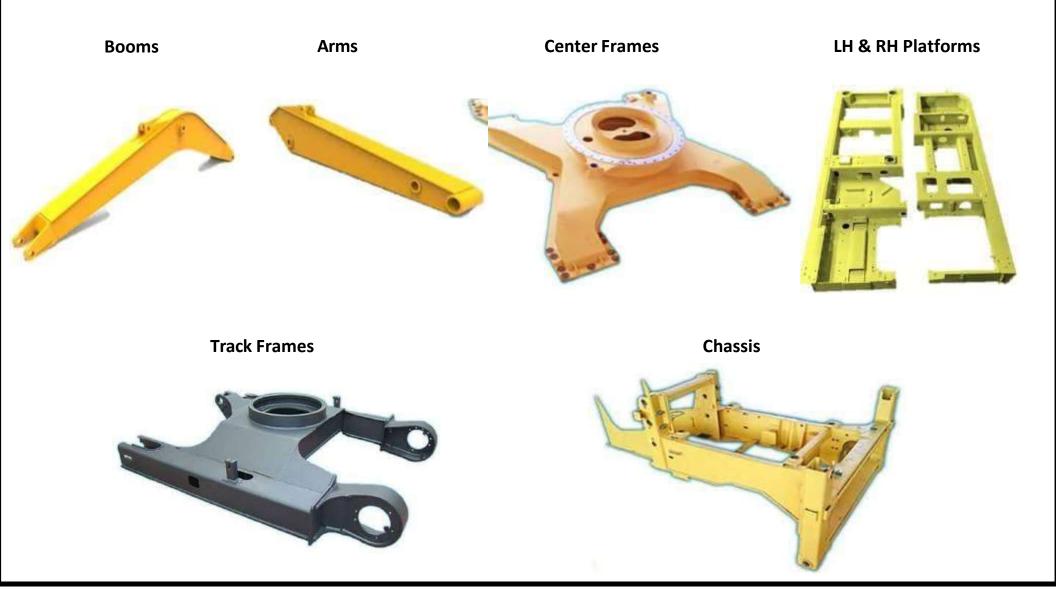
Excavator thumbs designed and manufactured by MIC

30 – 35 ton Machine EXCAVATOR THUMBS



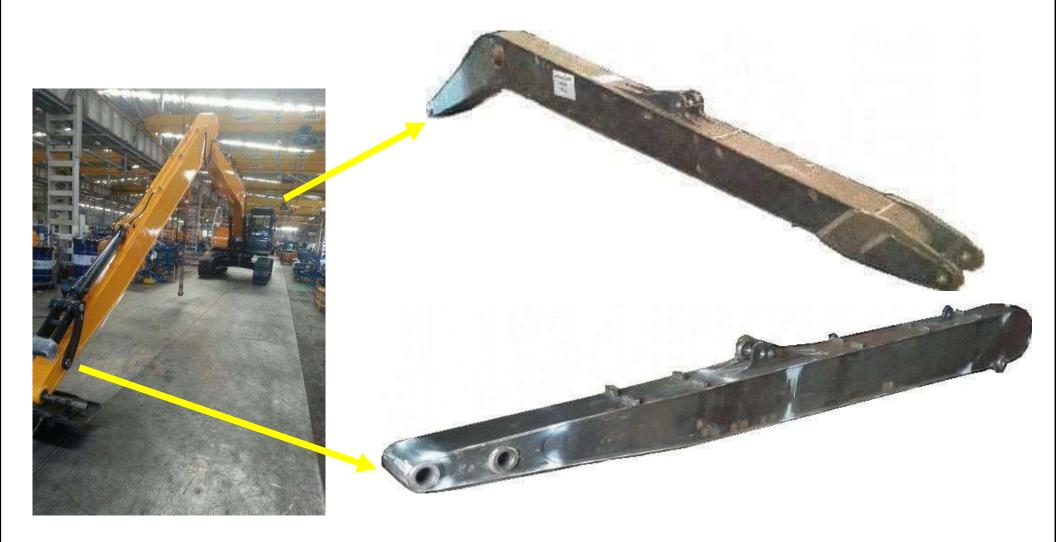


MIC manufactures many critical assemblies for Mining and Construction Equipment such as Arms, Booms and other complex body structures like Track Frames, Revolving Frames, Chassis, Platforms etc.,





Long Reach Arm & Boom





Counter Weights Filling & Finishing

Counterweights are integral part of a variety of big machines dealing with huge load. By balancing the weight, they secure a safety performance of Excavators, Tractors, Forklift trucks, Cranes and others. The manufacturers prefer using either full cast iron, full concrete, or a mix of ore, concrete and metal bits.

Excavator Counter weights



Wheel Loader Counter weights





Products for Road Industry & Crushers.

Chassis for crushers



Chassis for Pavers



Frames for Compactors







Mobile Crusher Chassis



Platform for Mining Equipment



Impact Crushers

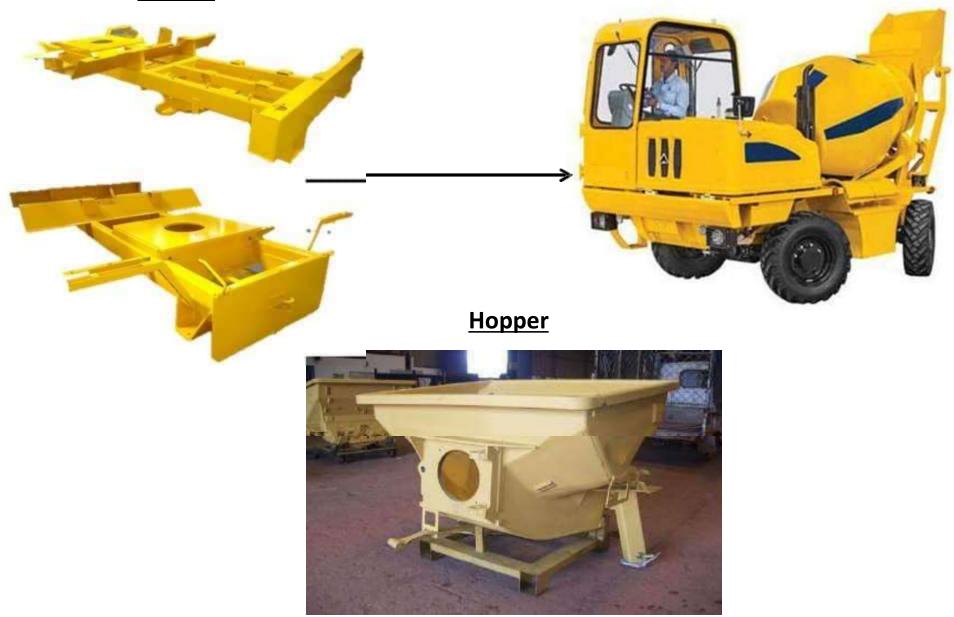






Chassis and Hoppers for Concrete Mixers

<u>Chassis</u>



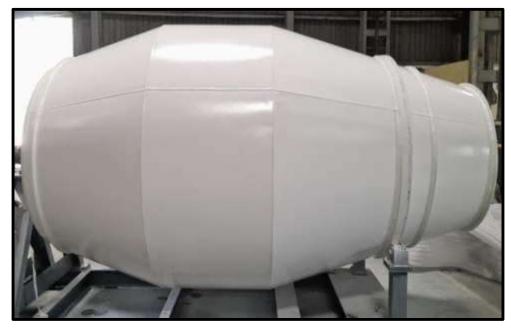


Fabricated Structures for Concrete Mixers

Chassis

Mixer Drum





Loading Arm





Products for Conventional and Renewable Energy Sectors.

Stator Frames for AC Generators

Frames for Wind Mills







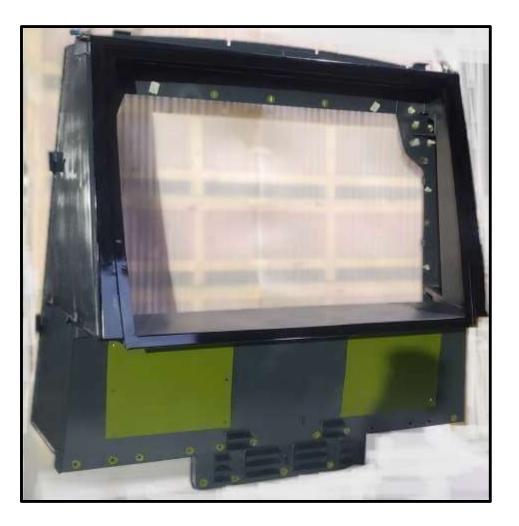
Products for Railways

ALSTOM TRANSPORTATION: ASSEMBLIES & PARTS FOR METRO RAIL (GLOBAL)

Under Frames for Metro Rail

Cab Structure for Metro Rail







Products for Railways

ALSTOM TRANSPORTATION: E-LOCO VENTILLATION STRUCTURE





Products for Railways

ICF, BEML, SAN LOCO, INDIAN RAILWAYS

Bogie Frame

Head Stock

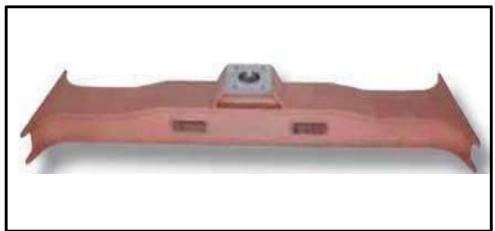




Bogie Bolster

Body Bolster







Parts for Agriculture Sector

Front Lift Arm





ROPS – Assembly bottom frame (LH & RH)



Drawbar Assembly

Front Hitch Assembly









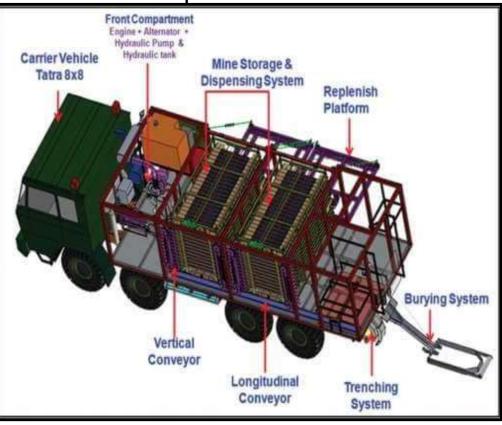
Cabin & Rotunda for Aerobridges





Equipment assembled for defense sector

Illustration of Object Laying Machine assembled by MIC as per customer order



Fabricated components like, Under Frame, Rotating Base Body and Launch Beam Assembly for Rocket Launchers





MIC undertook the erection of a coke-oven plant in Goa for a client, as the principal partner in a partnership with VeCon of Germany (EPC)

Coke oven plant erection in Goa

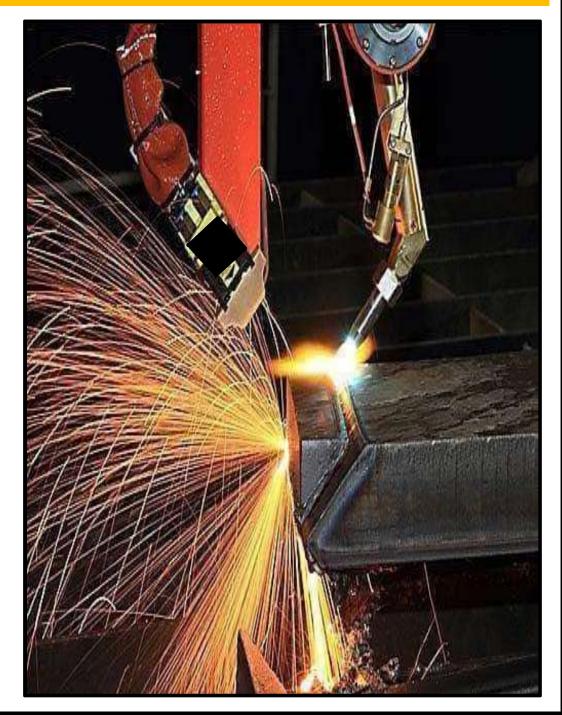






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Awarded for Significant Contribution - FY 24 Awarded for Best Delivery Performance - FY 22
Awarded for Best Delivery Performance - FY 22
Awarded for Best Delivery Performance - FY 22
Awarded for Best 5S - FY 21
Awarded for Plant Manager Award - FY 21
Awarded for Best Delivery & Performance - FY 18
Awarded for Q4'24 VOLUME RAMP UP - FY 24
Awarded for Best VA/VE Award - FY 22
Awarded for Over all Excellence Award from JCB - FY 17
Awarded for Top Significant Contributions recognition - FY 16
Awarded for Best Supplier for Delivery, Production Ramp-ups, Quick Responsiveness - FY 10
Awarded for Best Performance In QCD Excellence - FY 22
Awarded for Best Quality Performance – FY 19
Awarded for Best Supplier Award for Joint Business Development by IBU - FY 19
Awarded for Best Quality Performance - FY 18
Awarded for After Market Support (Spare Parts) - Fy 22
Award of Excellence for Sustained Performance in Quality - FY 17
Awarded for Best Supplier award from L&T Komatsu in 2012 with a 95%+ delivery track record In last 24 months with sustained quality.









































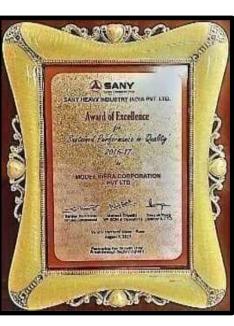






















QMS: ISO 9001:2015 CERTIFICATES





EMS: ISO 14001:2015 CERTIFICATES





OHSAS : ISO 45001: 2018 CERTIFICATES





WELDING: ISO 3834: 2021 CERTIFICATES











WELDING : ISO 15085-2 CERTIFICATE



ISMS: ISO 27001: 2022 CERTIFICATE





CONTACT US

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Chennai Kandamangalam Plant

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THANK YOU