

Company Profile

Vessels & Structures



Annexure I: About Us

We would like to introduce ourselves as one of the leading Civil Contractors and Structural Fabricators in PCMC area. Incorporated in 1980 as Civil Contractors, we have successfully diversified our business in 2005 to cater Auto Industries. We have upscaled our expertise in Structural work and introduced modern techniques in field of designing for capital items relating to Auto Industry. With our core values like business integrity and high ethical standards, quality, and time bound delivery with exceptional customer service we have successfully penetrated the market and established benchmark.

- **Our Vision:**

To obtain recognition as a trusted firm in Industry and Community.

- **Our Mission:**

To deliver quality and time bound service to customer.

Annexure II: Team Behind



Shashank Gandhi: -

- **Qualification:**

Civil Engineering COEP. Batch: 1973-74

- **Designation:**

Partner

- **Experience:**

More than 40 years of experience in field of Civil, structural, piping design and execution.

Before starting carrier as entrepreneur, he had experience of 10 years as a project engineer in Government of India and BG Shirke.

Annexure II: Team Behind



Asim Gandhi: -

- Qualification:

B.E Mechanical Engineering (2004-05)

P.G Fire Protection Systems.

- Designation:

Business Development Head.

Amber Gandhi: -



- Qualifications:

B.E Mechanical Batch 2001-02

MBA Finance 2003-05

- Designation:

Head: Design

Head: Operations



Annexure II: Team Behind

Sr. No	Name	Qualification	Experience	Designation
1	Kale S.	BE Electrical	23 Years	Electrical/ Electronic Head
2	Shivaji Sabane	B.E. Metallurgist	26 Years	Metallurgical Head
3	Dilraj	B.E. Electronics	9 Years	Junior Engineer
4	Koli	Diploma Mechanical	18 Years	Project Manager
5	Shankar	Diploma Mechanical	16 Years	Site Supervisor
6	Narendra	Diploma Civil	13 Years	Site Supervisor
7	Nimbalkar	Diploma Civil	21 Years	Site Supervisor
8	3 Designers	Qualified Designers	Experienced	CAD and AutoCAD designers
9	Pravin Kajale	Diploma Civil	17 Years	Civil Head
10	Pol S.K	Diploma Mechanical	27 Years	Mechanical Head



Annexure III: Facility

- Size of Shop:

1000 Square Meters.

- Power Available:

130 HP

- Design Facility:

Design facility is equipped with Catia and AutoCAD with qualified designers with experience of 3 to 5 years.

- Shop Floor Facilities:

- a) Supervisors on shop floor – 5
- b) Fitters - 5
- c) Helpers - 12
- d) Welders – 6
- e) Others – 3

Annexure III: Facility (Machine)

Sr. No	Type	Make / Model	Capacity	Technical	Nos.
1	Rectifier welding m/c	Ador welding: CHOPREC 401	400 Amp	Energy efficient MMA Welding Rectifier based on latest Chopper based Technology, Suitable for welding with all electrodes including 6010 and 7010 G.	4
2	Co2 welding m/c.	Ador	400 Amp		8
3	3 Phase Welding transformers.	Ador Welding TPA 403	400 Amp	TPA series air cooled AC arc welders are three phase machines extensively used as power sources for most of the manual metal arc welding jobs with bare rods and coated electrodes.	4
4	2 Phase welding transformer	Ador Welding RED 403	400 Amp	These machines are also used as power sources for Gas Tungsten ArcWelding (GTAW) of aluminium, magnesium and their alloys.	2
5	Bench Drill machine		28mm	2000 watt, 500 RPM	3
6	Hand Grinders	Dewalt/ KPT	7"	2200 watt, 8500 RPM	7
7	Hammer Drill machine	Dewalt	25mm	1100 watt.	4
8	Chop saw cutter	Dewalt	14"	4 HP, 15 amp, 3800rpm (no load speed)	6
9	Chain Block	Indef	5 ton	Manual	1
10	Chain Block	Indef	2 ton	Manual	2
11	Compressor	Elgi	5 HP		1
12	Bandsaw M/C	Local	175 mm	Automated	1
13	Radial Drill M/C	Local	25 mm	Manual	2



Annexure III: Facility (Quality Testing)

Sr. No	Type	Least Count	Nos
1	Microscope: Inverted type 600 magnification	600 magnification	1
2	Hardness tester: Rockwell cum Brinell type	1 HRC	1
3	Polishing machine		1
4	Vernier calliper	100 microns	2
5	Screw gauge	50 microns	1
6	Height gauge	50 microns	1
7	Measuring Tape	3mtr,5mtr,15mtr,30mtr	

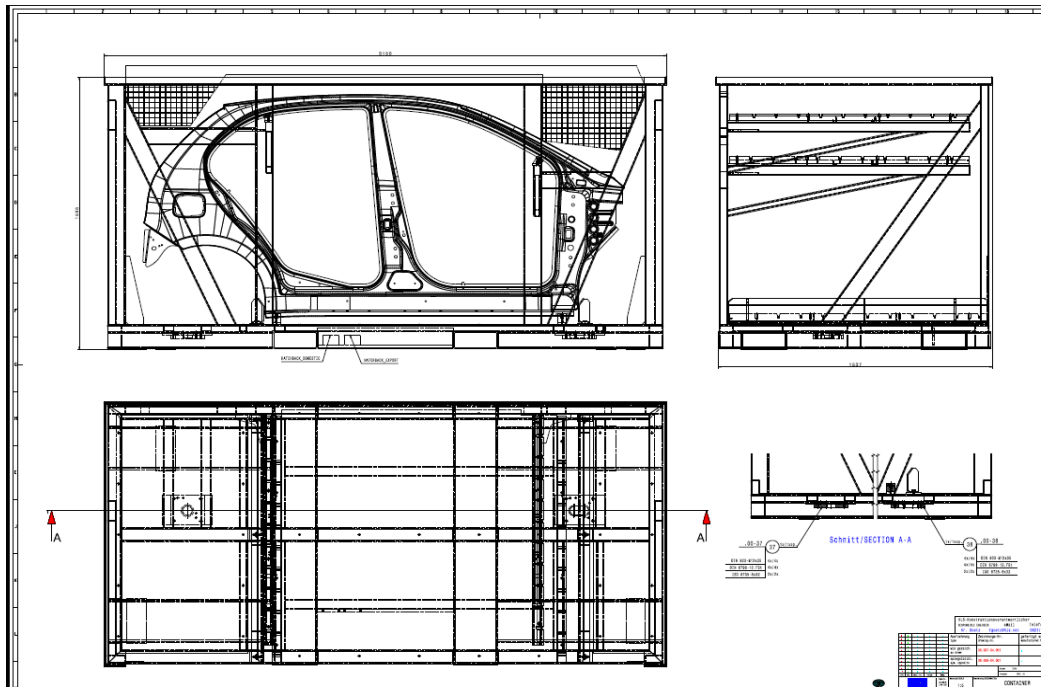


Annexure IV: Area of Work

- One stop solution for design, procurement, manufacturing of Logistic Items like Trolleys, Pallets and site installation items like Gratings, Platforms, Cribs etc.
- We offer one stop solution in design , procurement, installation, proving and certification of Utility Projects in Fire Systems, Coolant, Petrol, diesel systems, Compressed air systems etc.
- One stop solution for services in Pre- Engineered Buildings (PEB), Mechanical, Electrical, and Plumbing (MEP) systems, Civil Works, and onsite structural works.
- Undertake AMC's in Civil, Structural and utility Services.

Annexure V: Projects carried out in design and execution

■ Kuka BSO Pallets Indica Vista X1 Project.



- Accuracy within 2 mm for 3Mtr pallets
- Complete robotic handling of Panels from the pallet
- Completed order of 80 pallets successfully.
- Weight of each pallet 750 Kgs

BSO Pallets

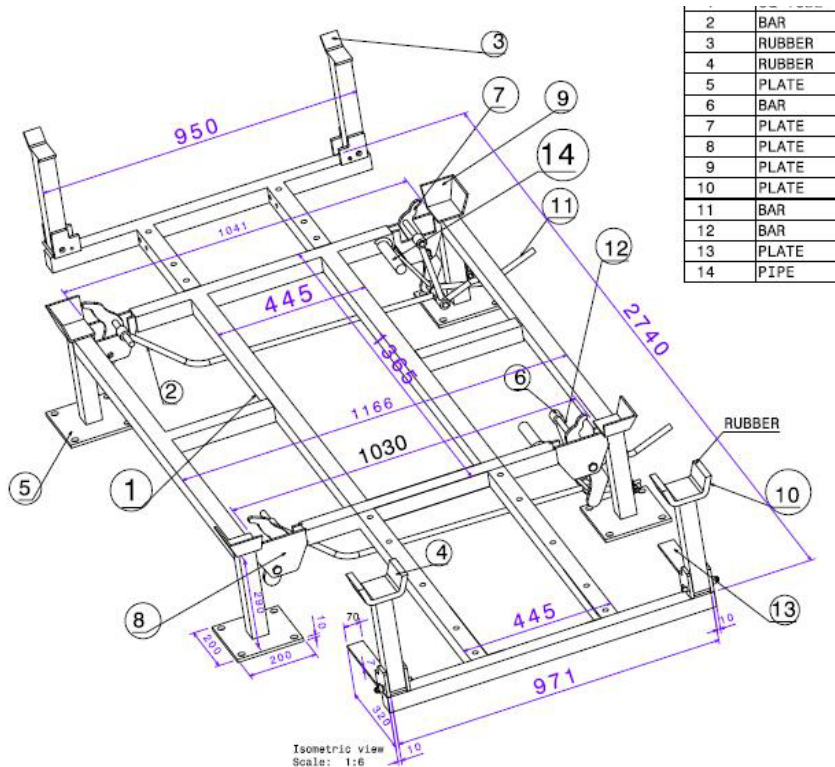


- Accuracy within 2 mm for 4Meter pallets
- Complete robotic handling of Panels.
- Each pallet was weighing more than 1 ton.



- Picture to the left shows the robot sensing the panel at 10 different locations and picking it from the pallet only if the panel is within the desired tolerance of 2 mm.

Transportation Fixture for transfer of BIW assembly from Tata Motors Ltd PCBU to Ranzangoan



- Designed and supplied transportation fixtures for transfer of Indica and Indigo Manza from K Block to Ranzangoan.
- Designed a bar mechanism for locking of BIW so that there is zero movement and zero contact of the body with fixture.
- Supplied 100 fixtures in record time of 40 days for Manza.

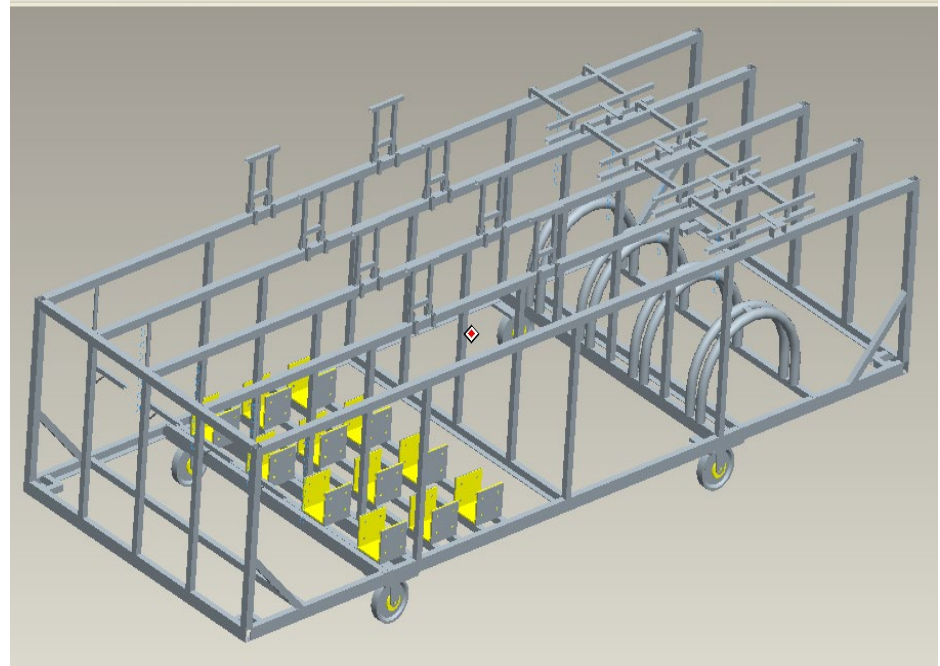
Transportation Trailers for E8

- Made E8 Transportation trailers.



We have supplied several types of trolleys for Winger, Gear Box etc. Also supplier of trolleys and skids for Volkswagen.

- Designed and supplied trolleys for Stretched Winger floor, Body Side Outer.



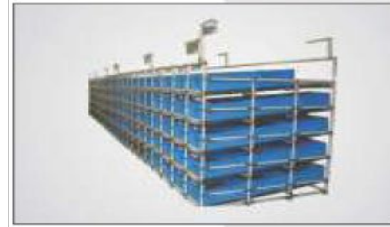
Transportation Trailers for Mark 1 Gear Box



- Also supplied various trolleys for Gear Box for GB40, G76 etc
- Transportation trailers for Mark 1 gear box.
- Supplied tugger Racks to GMI.



FEW OF IMPORTANT PROJECTS EXECUTED IN DESIGN MANUFACTURING AND SUPPLY OF PALLETS AND TROLLEYS



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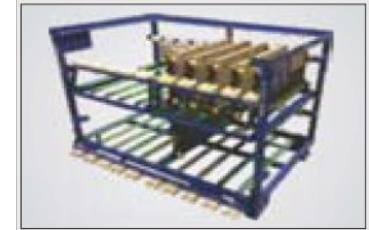


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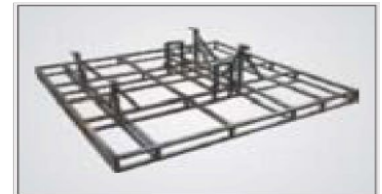


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Projects in field of Automation



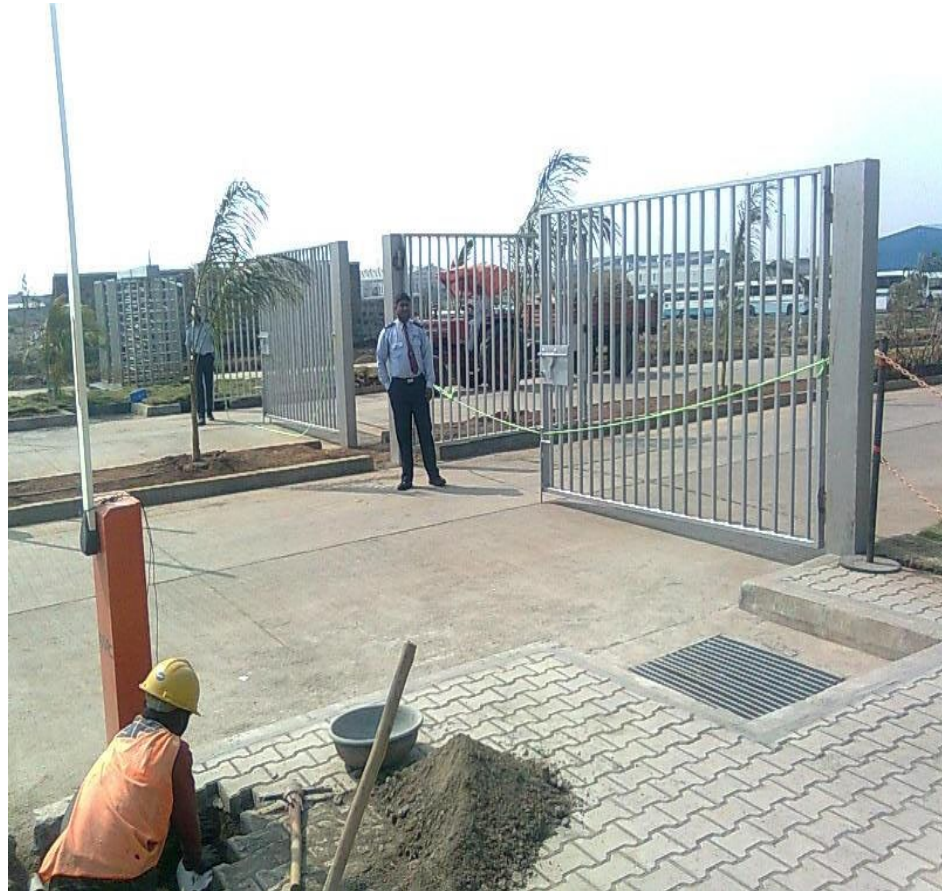
Radiator Coolant System

Complete design, manufacturing, supply, and installation of Atomized Radiator coolant distribution system for entire Tata Motors CVBU Plant.

- Distribution of coolant was done from one centralized location to all the trim lines. TATA Motors Pimpri plant i.e for all the Trim Lines.
- There is no human intervention required in the system once tanker outlet is connected to hose pipe of coolant tank

Fencing, Gates, Turnstiles, Boom Barriers, Barricades

- **We have successfully designed manufactured and installed Gates, Boom Barriers, Barricades, Turnstiles and Fencing for Volkswagen India PVT Ltd. (To right is the pick)**
- Indigenous designing with calculation and approval from design engineer was done by V&S.
- We have successfully designed manufactured and installed Gates and Fencing for Bajaj Auto Ltd, Jaihind Industries Ltd, Force Motors Ltd etc.



Project in Field of Utility Work

Erection and Commissioning of Pipelines :

Fire Hydrant Project at Tata Motors Dharwad Plant





Some of Turnkey Projects carried out by Us

- 512 Military Base Workshop for Military Engineering Services (MES) through Hindustan Construction Co. Completion of work for entire shed weighing 1300 Ton was done in span of 13 months.
- Design, Supply, Installation and Proving of Fire Hydrant System for Entire TATA Motors Dharwad worth 3.1 Crore.
- Design, Supply, Installation and Proving of Automated CNG system for TATA Motors Pimpri plant.
- Design, Supply, Installation and Proving of Automated Radiator Coolant and distribution System for Entire TATA Motors Pimpri plant.
- Insulation and Installation of Pudumjee Paper Mill Installation
- Design, Fabrication and Installation of fencing Ghaunje Cricket Stadium, Pune worth 1.5 Crore



Some of Turnkey Projects carried out by Us

- Shed with MEP solution for Storage Material for TATA AutoComp Systems Ltd worth 1.3 Cr.
- Cladding Work for New Shed for TATA AutoComp Systems Ltd worth 1.5 Cr
- Structural Shed with civil work for Fenace Auto Ltd.
- Structural Roofing and civil work for Singhgad Hospital 2.5 Crores.
- Fencing and Gates for Volkswagen Chakan.
- Shed with MEP solution for Bajaj Auto Akurdi.
- AMC from past 10 years in TATA Motors in Compressed Air, Natural Gas, Water, air piping.
- AMC from past 20 years for Bajaj Auto Ltd Akurdi for Civil Department
- Shed with MEP solution of Storage of Material JG Glass
- Shed with MEP solution for Scrap Storage Finolex Ltd
- Roofing Work at Trinity Engineering Ltd
- Shed with MEP solution for raw material storage for Trinity Engineering.
- Shed with MEP solution for Scrap storage T.K Steel Pvt Ltd

Annexure VI: Few Valuable Customers

TATA MOTORS



Volkswagen



n.b. **Chitale**
Contracts



SY. SAMAL & CO.
ENGINEERS • CONTRACTORS • BUILDERS
Delivering Excellence Since 1963



TATA AUTOCOMP



Devi Constructions

BEYOND YOUR DREAMS



KINETIC



mahindra



JAYA HIND

Casting End-to-End Solutions



Isha Steel Treatment Private Limited

