



**SAN AUTOMOTIVE**

# **SAN Automotive Industries Pvt Ltd**



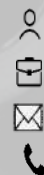
## **CORPORATE PRESENTATION**

**For Inquiries contact**

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BD Head

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+91-9810991873



**SAN Automotive** is one of India's leading manufacturers of a wide range of high quality sheet metal works that includes automotive sector, telecom sector, and white good sectors. We are IATF certified company

### In-house facilities

**Prototyping**

**Stamping**

**Toolings**

**Fabrications**

**Welded Assemblies**





SAN Automotive incorporated in the year 2000

Engaged in manufacturing and supplying sheet metal components, CNC & Punching Parts

Executed through latest technology, produce world class products by adopting the best business practices & ethics

Major focus – providing excellent products to domestic clients at OEM and Tier-1 level



Year of inception:



**2000**



No. of plants



**3**



Production process



**Stampings,  
Fabrications  
Toolings**



Power Press range



**5-500 ton**



Total manpower



**850+**



Certification



**TS16949**



Sales



**INR 1000m**





## OUR VISION

To be a global leader and a brand of choice for our valued customers, an employer of choice for our employees, and a forward-looking company with sustainable performance and responsible business practices

## OUR MISSION



Strive to achieve a company-wide commitment to **continuous improvement** in all areas



Maintain the **highest standards** of honesty and integrity in all relationships



Utilize the **best technologies** in mechanical, statistical and management techniques in manufacturing



**Dedicate** ourselves to the principle of craftsmanship and collaboration

# Locations



**Metal  
Press  
Parts &  
Assy**

**Regd. Office & Plant I**

Plot No.15 Sec. 24  
Faridabad

**Metal  
Press  
Parts**

**Plant II**

Plot No. 66, Sec. 6  
Faridabad

**Metal  
Fabrication**

**Plant III**

Plot no. 429, Bhakri Pali Road  
Bhakri, Faridabad



## CUSTOMER PRESENCE

# Automotive & Heavy Fabrication Customers

### Direct OEMs



### Tier - 1



### Indirect OEMs



# Key Business area



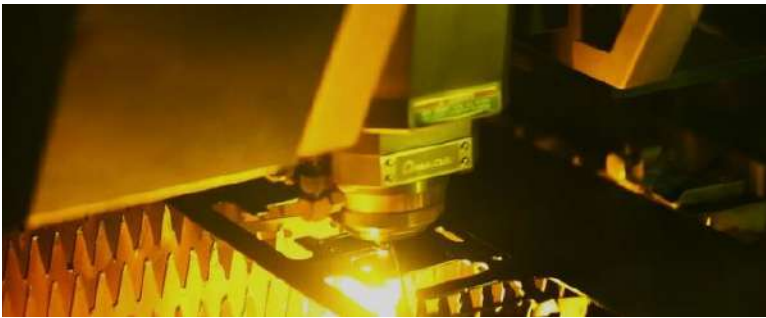
Pressing & forming



Tooling



Fabrication



Proto Typing



Welding & assembly



Plating & Powder Coating





# **Business manufacturing parts for**

- ➡ Off road & construction equipment
- ➡ Vehicles engines parts
- ➡ Brakes
- ➡ Gear boxes
- ➡ Axles
- ➡ Road wheels
- ➡ Suspension shock absorbers
- ➡ Radiators
- ➡ Mufflers
- ➡ Exhaust systems
- ➡ Steering wheels
- ➡ Steering columns
- ➡ Steering boxes





## ***PRODUCTS FOR 2 WHEELER***

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**Rotor**

**Flywheel**

**Magnet  
cover**

**Pole  
magnets**

## ***AUTOMOTIVE***

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**Stay  
timings**

**Yoke  
stator**

**Box  
battery**

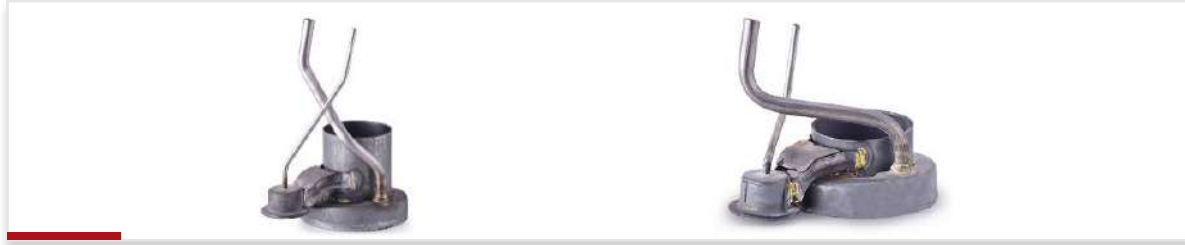
**Hinge  
seat**

**Brackets**

# Products for 2 wheeler



Fork top bridge



Metal fuel filler



Lid Fuel  
Tank



Plate Setting



Brkt FR number Plate



Box battery



Bracket



Arm bracket



# Products for 2 wheeler



Rotor Fly wheel cup



Magnet cover



Starter yoke



## ***PRODUCTS FOR 4 WHEELER***

**Body  
parts**

**Shroud**

**Yoke-star  
ter**

**End  
cover**

**Magnet  
cover**

## ***AUTOMOTIVE***

**Wiper  
brackets**

**Wiper  
link**

**Motor  
holder**

**Cover  
cooling  
motor**



# Products for 4 wheeler



Cooling fan motor cover



Links



Shroud



Wiper Bracket



Starter yoke



Connecting rod

# Products for 4 wheeler



Auto Bracket



Body parts



Body parts





# **Products for construction**

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## **Fabrication parts division & applicable model**

# Parts applicability (1/3)



Engine cover



# Parts applicability (2/3)



Engine mount



Stabilizer foot



Latch brackets

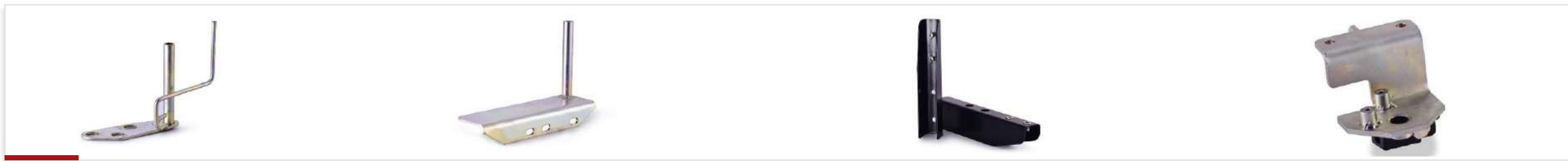


Brackets

# Parts applicability (3/3)



Hood cover



Bracket hose guide



Covers



# Products for Agri machinery

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**Fabrication parts division & applicable model**



# Parts applicability (1/2)



Tow hook



Bakhoe



Step aux



Console cover



Pedal brake



Connector fender



Running board

## Parts applicability (2/2)



Battery pillar



Baffle



Handle bracket



Shutter

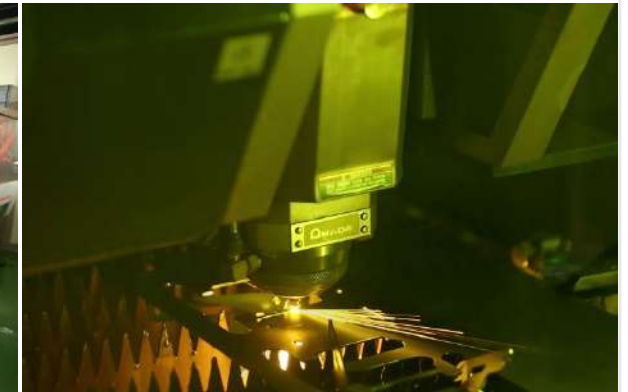
# Facilities In House

| Sl. No. | Press type  | Capacity (ton) | No. |
|---------|-------------|----------------|-----|
| 1       | Power Press | 300 -350       | 5   |
| 2       | Power Press | 200-250        | 13  |
| 3       | Power Press | 100-200        | 47  |
| 4       | Power Press | 50-100         | 85  |
| 5       | Power Press | 5-50           | 110 |
| Total   |             |                | 250 |



Make AMADA Model HG2204 Tonnage 220 Ton Span 4 Meter

CNC Press brake



Make AMADA Model ENSIS 4020 AJ Bed Size 4x2 Meter

CNC Fibre laser 1st in India



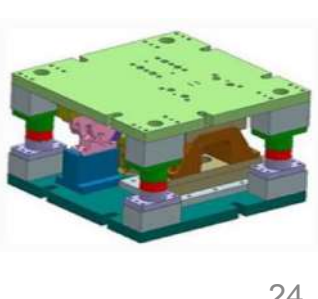
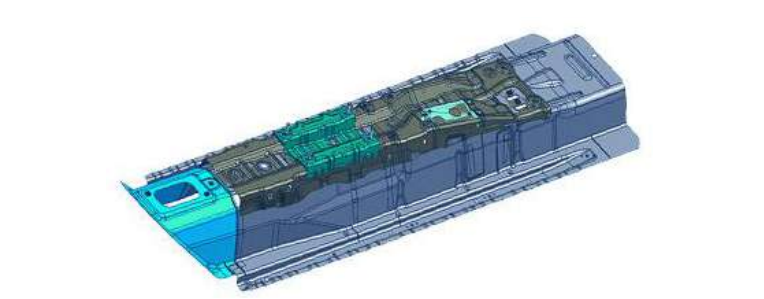
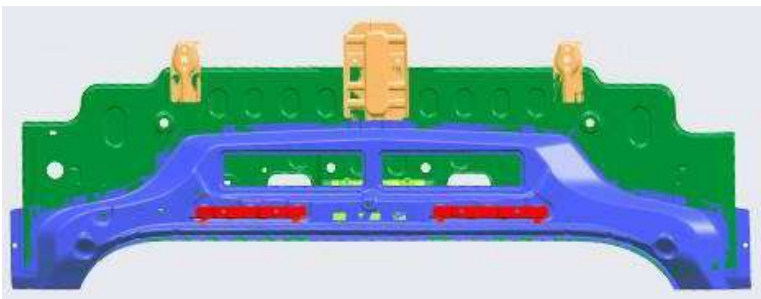
# Assembly and welding facility





# Tool designing and development

(STEEL and Casting Type Toolings)





# Tool Room Manufacturing Facilities In House

| Sl. No | Machine                 | Make        | Size      | Qty |
|--------|-------------------------|-------------|-----------|-----|
| 1      | VERICAL MILLING MACHINE | HASS        | 600 x 400 | 01  |
| 2      | WIRE CUT                | ELECTRONICA | 300 X 400 | 02  |
| 3      | HYD. SURFACE GRINDER    | DELTA       |           | 02  |
| 4      | CYLINDRICAL GRINDER     | -           | 200 X 400 | 01  |
| 5      | MILLING M/C (M & TR)    | -           | 1 1/4"    | 5   |
| 6      | SURFACE GRINDER         | -           | 10 X 1 20 | 15  |
| 7      | LATHE M/C               |             | 6 Feet    | 8   |
| 8      | OVER HEAD CRANE SMALL   |             | 2T & 5T   | 2   |





# Testing, Quality & Inspection Resources

## Testing

- **BRIDGE TYPE CMM**
  - **MAKE: ELCTRONICA (Bed Size 600mm X 500mm)**
  - **QTY. = 1**

- **PORTABLE TYPE**
  - **MAKE: FARO (Reach 1500mm)**



### Our Testing Facility Houses the following:

1. 3D CMM
2. Magnetic Crack detectors
3. Equipment for Universal and Micro and Macro Testing
4. Contour Measuring Machine for critical profile and contour inspection in product
5. Profile Projector to check radius profile
6. Roughness Tester to check surface finish
7. Portable Spectrometer to check the chemical composition of raw material.



## Quality

Based on our adherence to unexampled quality parameters, we have been bestowed with a **BIS certification**

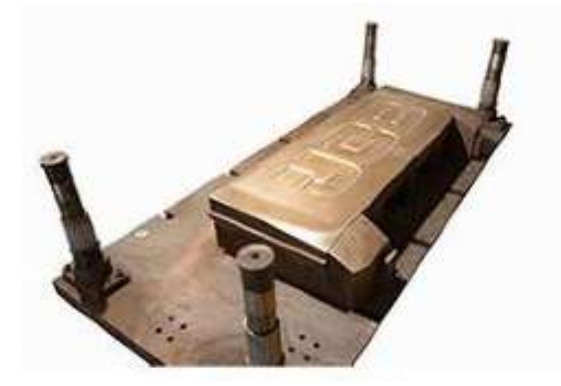


### Quality policy highlights:

1. Manufacturing products and services that meet customers' specifications and exceed their expectations
2. Striving to meet customer's target values
3. Constant monitoring of customer satisfaction
4. Monitoring of on -time delivery performance
5. Monitoring of the cost of quality
6. Monitoring of the cost of quality
7. Fallow (JIS) used for industrial activities



# Software & Engineering Services

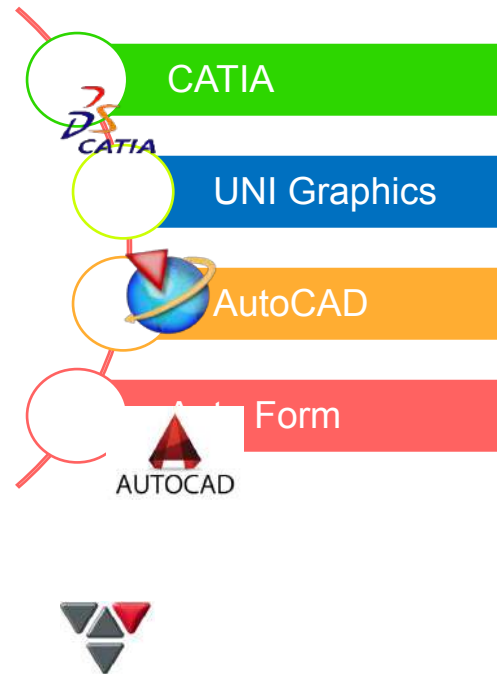


## Fixture Design

- 3d Design Of Fixtures / Jigs As Per Parts GD&T.
- Max. Use Of Standardized Fixture Parts
- Proper Clamps Position
- Ergonomic For Operator
- Easy Maintenance Of Fixtures
- Enhanced Flexibility In Design
- Idle Time & Set Up Time Reduction
- Proper Material Selection & Hardened Surfaces

## Robot Simulation

- Gun/Torch Accessibility
- Gun/Torch Weld Path Optimization
- Cycle Time Optimization
- Weld Sequence Optimization Collision Detection
- Proper Placement of Robots in Cell



## Press Tool Design

- Feasibility Study
- Process Planning / Tooling Sequence
- Die Face Design and Validation
- Tool Design in 3D and 2D
- Indent for Die Material Procurement
- Manufacturing Data and Drawing Release

## Part Simulation

- Realistic Results
- Integrated Die-face designing capability
- Full process/Stage wise Simulation
- Trim Line optimization
- Spring back analysis and Compensation
- Wide range of Material Grades in library
- Die Compensation & modification according to trial

# Material source and standards



IMPORTS



IS 513

JSC 270 E

IS 1079

JSC 270 C

SUS 304

JSH 270 EN

SUS 202

JSH 270 CN-P

JSC – CN 45/45

CUSTOMISED





## Achievements







SAN AUTOMOTIVE

## Achievements (Cont.)



# Thank you



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