



SIPRA
Quality diecastings



SIPRA ENGINEERS PVT. LTD.

Company

Process

Products

Quality

Equipments

Customers

Contact

We are – One Stop Shop for Aluminium Die casting

We are in the business of "Aluminium High Pressure Die castings" for last 46 years. We have two plants. Our Key peoples are :



Vandan Shah
Chairman



M. M. Umadi
Managing Director



Ekta Shah
Director

Sipra is among top ten independent die casters in India.

We have team of 200 employees.

Sales Turnover – Rs. 125 Crores / US\$ 15 million.

Company History | Process | Products | Quality | Equipments | Customers | Contact

Company History



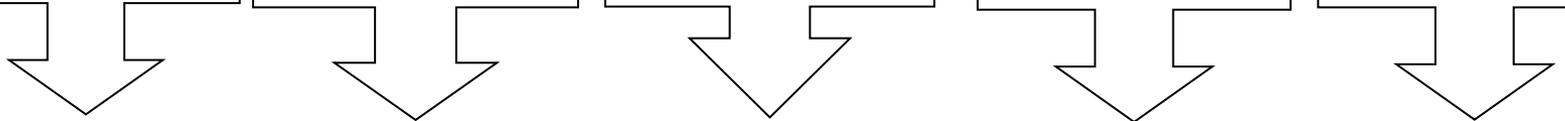
Tata Motors is Added to our customer list

Completed 30 years in die casting. Added 1st 350T fully automatic Machine & CMM.

National Best Managed Medium Scale Company in Auto components

Machining Capacity Expansion At Sinner Unit

Added 2nd - 1650T HPDC Machine & 4 VMC Machines.



1981 1985 1996 2004 2007 2009 2013 2016 2021 2023

SIPRA, factory was constructed



SIPRA, adds first CNC milling machine (for Tool Room)



Added on line X-ray machine in-house, Now having all the three major controls i.e.



New Green Field Plant At Sinner for capacity Expansion with Fully Automatic machines. From 500T to 1650T



Expansion : Installed 1650T HPDC machine



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Units



SIPRA ENGINEERS PVT. LTD.
SATPUR Unit

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Units



SIPRA ENGINEERS PVT. LTD.
Sinnar Unit

Sipra Engineers Pvt. Ltd.

Started production of **High Pressure Die Castings** at Nashik (180km. East of Mumbai) in 1981.

Satpur Unit – This unit has a captive tool room & specializes in Automotive castings.

Sinnar Unit – Unit with fully automatic Die casting machines, largest machine is 1650 tons.
Machining of castings.

Both the plants are an **IATF 16949:2016, ISO14001:2015 & ISO45001:2018** certified companies for "Manufacturing & Supply of Aluminium Alloy Pressure Die-Castings".

Mission

- To do business with honesty & integrity.
- To supply our customers with components and toolings that meet their requirements.
- To help in development of our employees and their families, company, & country.
- To generate reasonable return for company growth & company shareholders.

Vision

By continuous improvement take the Company to the best International Standards and make it a reputed business institution. Thus serve community at large in the chosen areas of business.

Company

Process
Die
Making

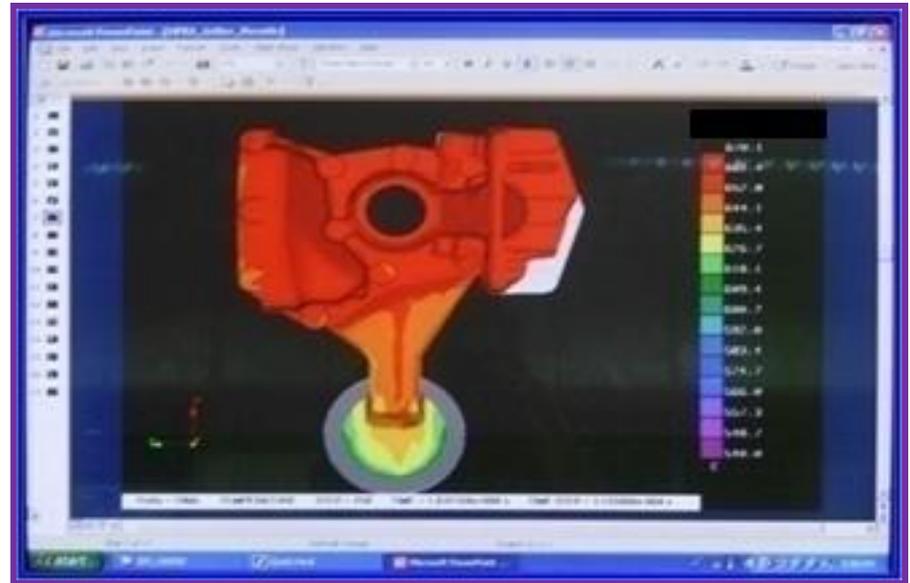
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We have 3 CNC milling machines.

CAD / CAM is done using Unigraphics, Solid Edge, Die – defice & Vericut, softwares.

We make about 5 to 6 dies a Month in – house.

In-house casting simulation facility is also available.

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Die
Casting



We have **17 High Pressure Diecasting Machines** which ranges from **350 Ton to 1650 Ton**.

We produce castings **weighing from 300 gms. to 15.00 kgs.**

The furnaces are individual holding and melting for specific alloy with necessary controls.

At present we cast Al239, AlSi10Cu2Fe (ADC12), AlSi 12 / AlSi 12 Fe (LM6), AlSi8Cu3Fe (LM24) & AlSi 132 alloys.

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Sinnar Plant – 500T to 1650T Machines



This plant is having big size die-casting machines 500T to 1650T, machining facilities & assembly operations.

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Sinnar Plant – 1650T Machine with ABB Robot



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Machining



Machining :

We have 51 CNC machines which include 37 (VMC) machining centers & 14 turning centers.

Finishing / Post Processes :

In-house finishing processes are **trimming, shot blasting, vibro - deburring, anodizing, vacuum Impregnation & Chromotizing.**

We also have in-house fully automated washing machine & a dedicated leak test machines for the castings to be leak tested. Subcontracted processes are powder coating, & lacquering.

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Full Service Supplier

Die Making

CAD – Development
CAM –Technology
Tool Design
Tool Manufacturing

Diecasting

Aluminium High
Pressure Die- casting.
(300 gms to 15.00
Kgs.)

Finishing

Trimming
Shot Blasting
Vibro deburring

Machining

51 CNC machines which
include 37 (VMC)
machining centers & 14
turning centers.

Post Process

Vaccum Impregnation
Leak testing
Anodizing
Chromotizing

Company

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Finishing / Post Process
Equipments



Impregnation Plant



Anodizing Plant



Leak Testing Machine



Vibro – deburring Machine



Shot Blasting Machine



Fully Automated Washing Machine

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Automotive (Aluminium castings)

Industrial (Aluminium castings)



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Sipra is committed to be one of the best Custom Diecasters of India, by ensuring maximum customer satisfaction in areas of

Quality | Cost | Delivery | Development | Management

SIPRA will achieve the above goal through

- Involvement & training of employees & suppliers.
- Technology Upgradation.
- Creating a safe & healthy work environment.
- Customer interaction.
- Continual improvement.

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- We have In-house

- **CMM** for checking the dimensions.

 - (Nashik Unit - Semi-Automatic - Travel Size - 400 x 500 x 700 mm)

 - (Sinnar Unit - Fully automatic – Travel Size – 400 x 500 x 700 mm)

 - (Sinnar Unit - Fully automatic – Travel Size – 400 x 500 x 700 mm)

- **Spectrometer** for Alloy chemical composition checking. &

- **Online X-Ray** machine – to check porosity.

- In Quality system we are following and implementing systems as per **ISO 9001 :2015 & IATF 16949:2016** standard.

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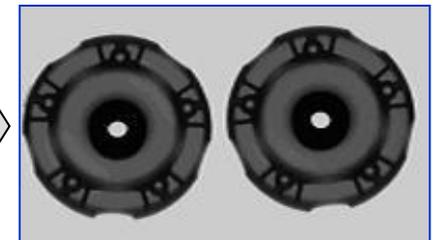
**Spectral
Analysis**
Analysis of the
raw material

A screenshot of a spectral analysis report showing a table of chemical composition data. The table includes columns for various elements and their corresponding concentrations, with a signature at the bottom right.

**CMM – Co-ordinate
Measuring
(Mitutoyo)**

A screenshot of a Mitutoyo CMM software interface displaying a detailed table of measurement data, including coordinates and dimensions.

**X-Ray
Examination**



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Our reputed customer base of OEM's is as:

Automotive - **70%**

Industrial - **30%**

Our Share of Business

Heads	2023-24
Domestic Business	70%
Export Business	30%

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Associations & Awards

- Mr. Vandan Shah (Chairman) is a Senior Member of CII (Confederation of Indian Industry).
- Mr. M. M. Umadi (Managing Director) was elected to the CII - State Council of Maharashtra for 2012. (CII is No. 1 Industry association of India).



“National Best Managed Medium Scale Company in Auto components” from Corporation Bank.



“National Star Performer Award” from EEPIC India for Export Excellence



“isqa 2009 – Award from IEEMA for Strong Commitment to Quality Systems”



“Keihin Fie – DOL Award”



MOU signed with Director of Visvesvaraya National Institute of Technology



“First Make in INDIA” award instituted by INDIA TODAY Magazine

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