

SUNBEAM AUTO LTD

Sunbeam Auto Ltd, established in 1987, is the largest Aluminium Die Casting Unit in Asia manufacturing High Pressure Die Casting, Low Pressure Die Casting and Gravity Die Casting components. It has a technical collaboration with M/s Honda Foundry Co. Ltd, Japan. for the manufacture of Pistons. Today, Sunbeam Auto Ltd is the supplier to renowned OE manufacturers and has won various awards like Best Supplier award by Visteon Powertain in 2001- 02 and Maruti Vendor Performance award.

Address

38/6 KM Stone,
Delhi- Jaipur Highway,
Narsingpur,
District: Gurgaon
Haryana – 122001
India



Sales Turnover(05-06) – Rs. 780Cr. (€ 144 million)

Manpower – 2100

Products

- Crank Cases and Covers
- Cylinder Heads and Covers
- Cylinder Blocks
- Transmission Cases
- Hubs
- Alternator Housings etc
- Pistons
- All Tooling including Die Casting Dies are made in-house

Product Range

High Pressure Die Castings, Low Pressure Die Castings and Gravity Die Castings from 10 gms to 6.25 kgs.



Customers

- Daimler Chrysler Benz – AG, Germany
- Visteon Automotive Systems, USA
- General Motors, USA
- Sanden USA
- Robert Vosch Corp USA
- Kollmorgen Inc. USA
- Bitzer, Germany
- Hero Honda Motors Ltd
- Maruti Udyog Ltd
- Visteon Power Train India
- Hero Cycles Ltd
- Munjal Showa Ltd
- Sona Koyo Steering Systems Ltd

Certifications

- QS 9000

Facilities

Die Casting

- 61 Pressure Die Casting Machines of the following range
 - ▶ 50 Pressure Die – Casting Machines ranging from 60-660 Tonnes
 - ▶ Two 1300 Tons and One 1400 Tons (Buhler, Switzerland) Pressure Die Casting Machines.
 - ▶ One 1100 Tonnes Pressure Die – Casting machine from HMT, India
 - ▶ Four 840 Tonnes Buhler make Shot Control Casting Machines, the first of its kind in India
 - ▶ One 530 T Buhler make shot controlled die casting machine
 - ▶ Three 400T Toshiba make die casting machines
- 65 Gravity Die Casting Machine of the following range
 - ▶ 3 High Precision Gravity Die-Casting Machine for Cylinder Head from Japan
 - ▶ 62 Custom Built Gravity Die Casting Machines
- Has 3 Low Pressure Die Casting Machines



Machine Shop

- CNCTC- 31 A Tapping Centre of Brither, Japan – 4 Nos
- BMV – 40 – TC – 20 Vertical Machining Center of BFW, Bangalore- 4 Nos
- DMC 63 V Vertical Machining Center of Deckel V Maho, Germany – 20 Nos
- CNC Turning Centre Ace, Takisawa, Gildmister – 20 nos
- High speed Chiron make vertical machining centre – 4 nos
- Elliptical turning centre from Takisawa 03 nos
- Special Purpose Machines



Alloying Facilities

- Alloy making section is capable of making all types of Aluminium Alloys on customer's specifications

Design and Tool Room

- State-of-the-art CAD-CAM technology driven with solid-Modeling software (Ideas Ver.7.0) to design dies, tools and jigs with precision to create perfect die-cast products on CNC machines.
- High Speed CNC Vertical Machining Centers (Deckel Maho) for die Milling Operations – 4 Nos
- CNC Digitizing Machine (Cyclone from Renishaw, UK), which converts data into machine programme for die milling – 4 Nos
- Wire Cutting Machine
- Die Spotting Press from Sanki, Japan
- Tool room is also equipped with plano Millers, Surface Grinders, Cylindrical Grinders, Tool and cutter Grinders, Turning Machines, Vertical Milling Machines, etc., to manufacture complex dies

Painting Facilities

- Paint shop is equipped with Alodine, Impregnation plant and Powder Coating Shop

Quality Control and Laboratory

- Direct Reading Spectrometer – POLYVAC TJA 181 (HILGER, UK)
- Automatic Absorption Spectrometer – A.A. Scan 1 (THERMO JARREL ASH, USA)
- Emission Spectrometer – POLYVAC 2000 (HILGER, UK)
- Portable Optical Image Spectrometer - METOREX Model ARC – MET – 930 from Finland
- Image Analyzer
- Metallurgical Microscope OLYMPUS
- Universal Testing Machine (10 and 100 Ton Capacity)
- Hardness Tester (Vickers, Rockwell, Brinell)
- Portable Hardness Tester (KRAUTKRAMER)
- Radiographic Camera (TECHOFF, USA)
- Impact Testing Machine
- Water Testing Machine
- Form Tester – Mahr Germany
- Profile Projector
- Surface Reference Tester
- Cyclone Scanning Machine
- 3D Co-ordinate Measuring Machine [Carl Zeiss (Germany)]



Research and Development Centre

- R & D Centre approved by Department of Science and Industrial Research, Govt. of India