

A stylized world map in a light blue color, centered on the Indian subcontinent, set against a darker blue background. The map shows the outlines of continents and major landmasses.

ASHVINI MAGNETS PVT. LTD.

Pune, INDIA

Presented by : Vikram Dhoot^{*}

Our Location



- Located in Pune, near the west coast of INDIA in the state of Maharashtra.
- 100 kms south of Mumbai (former Bombay) which hosts the 2 largest ports in INDIA – Nhava Sheva and JNPT, with excellent connectivity to Pune via, Road, Rail & Air
- Cultural & Educational capital and a booming industrial & Automobile manufacturing Hub



- All sectors of the automotive industry are represented here in Pune
- Two-wheelers and autorickshaws (**Bajaj Auto, Kinetic Engineering, Mahindra Group**)
- Cars (**Volkswagen Gr., General Motors, Tata Motors, Mercedes-Benz, Fiat, Peugeot, etc.**),
- Tractors (**John Deere**), tempos, excavators (**JCB Mfg. Co. Ltd.**) and trucks (**Force Motors**).
- Automotive components (**TATA Autocomp Systems Limited TACO, Robert Bosch GmbH, Visteon, Continental Corporation, ITW, SKF, Magna**) are also manufactured here.

Our Journey

YEAR

1986

Company
Founded by
Mr. Ajit Dhoot

YEAR

1988-90

First Magnet &
first facility out
of a Garage

YEAR

1991-94

Increased
Acceptance &
Demand for
AMPL Bonded
Magnets

First Rare
Earth Magnet
Developed

YEAR

1995-2000

Moved to a bigger
manu. Facility with
transition to Semi
Auto M/c's

Started in house
Compounding

First Multi-pole
magnet

YEAR

2001-2005

Moved to a new
State of the Art
Facility

ISO 9000:2000
Accreditation

New & Advanced
Facility for
dispensing &
Compound
Manufacturing

YEAR

2006-2010

State of the ART
Tool Room
Established

Design
Capabilities
enhanced with 3D
SW & FEA

Expansion of
existing facility
with State of the
Art Production
machines with
Robotic pick n
place

Our Journey Cont...

2011-2015

Exports Started to Indonesia and China

AMPL Accredited with ISO 9001 /TS16949:2009

Tool Room Upgraded with State of the Art HSM machine

YEAR

2016-2018

Further Export market expansion with customers from Germany, France, Hungary & Thailand

PEEK processing capability Developed

Turbine Magnets for Flow sensors

YEAR

2019-2020

Readiness for BS6 Standards compliance and start production

Expand into new product areas and magnetic composites

Start Sub assemblies for Speed Sensors and Flow sensors

YEAR

2021-2025

Expanding into the manufacturing of Compression bonded Magnets and required compounds for it

Setting up of a new State of the Art Plant catering to the compound manufacturing & Tool making

YEAR

Our Vision & Values

Vision -

To be amongst the top 10 Magnet manufactures in the world and among the top 3 Bonded Magnet Manufactures by the year 2025 through unwavering focus on Innovation, Engineering Excellence and Quality.

Values

- Integrity
- Fairness
- Diversity
- Ownership & Accountability
- Customer Centricity
- People Care

About AMPL

- We are in existence since 1986, serving customers globally with Value added quality injection bonded magnets.
- We manufacture ~ 4 million Injection Bonded Magnets per month (@ 48 million magnets every year) for the automobile, Small motors, Electrical & Electronics, Sensors, Scientific research and similar applications.
- We are an ISO 9001 company since the year 2002, TS16949 certified since the year 2012 & Currently upgrading to IATF16949
- '0' PPM certificates from Minda Stoneridge and the Indian arm of Siemens VDO and Visteon.



Products



INJECTION BONDED FERRITE MAGNETS



INJECTION BONDED HYBRID MAGNETS



INJECTION BONDED RARE EARTH MAGNETS



INSERT MOLDED / OVER MOLDED MAGNETS



OTHER MAGNETS / MAGNET ASSEMBLIES

Advantages of AMPL Inj. Bonded Magnets

- Consistent Dimensional and Magnetic Characteristics.
- Strength and Flexibility of Magnetic Force can be easily controlled to suit any application.
- In-House technology of dispersing and kneading of raw materials, hence very controlled.
- Excellent aesthetics & superior finish
- Large variety of shaping possibilities. Intricate shapes can be manufactured easily.
- Manufactured under tight tolerances - no additional processing required.
- Lower in weight than sintered magnets
- High degree of machinability.
- Monobloc molding with metal and other objects possible (Insert and Over Molding)

Competitive Advantages

- ❖ State of the Art Manufacturing facility with the Best in Class equipment for the entire product manufacturing life cycle –
 - ❖ Design – Superior Design Facilities with Synchronous Technology with Solid Edge 3D Design SW & FEA
 - ❖ State of the Art Tool room with Agie Charmillis Wire Cut, EDM and HSM machines. Sodick Hole drilling m/c enabling faster and accurate mold preparation
 - ❖ Japanese Molding Machines with Robotic Pick and Place facility for faster , consistent and high quality products
 - ❖ State of the Art Inspection and characterization equipment ensuring high Quality Assurance & Control
 - ❖ In House compounds manufacturing for close control on raw material
- ❖ Fast “ Sample to production “ lead time.
- ❖ Mass Production scalability to any volumes with assured quality.
- ❖ Highly competitive when compared on a global landscape in terms of Value, Quality and Consistency.
- ❖ Consistent high C-Sat scores from our customers



THANK YOU