

**A TS 16949 Certified Company Manufacturing
Transmission Gears, Shafts and Machined Components.**

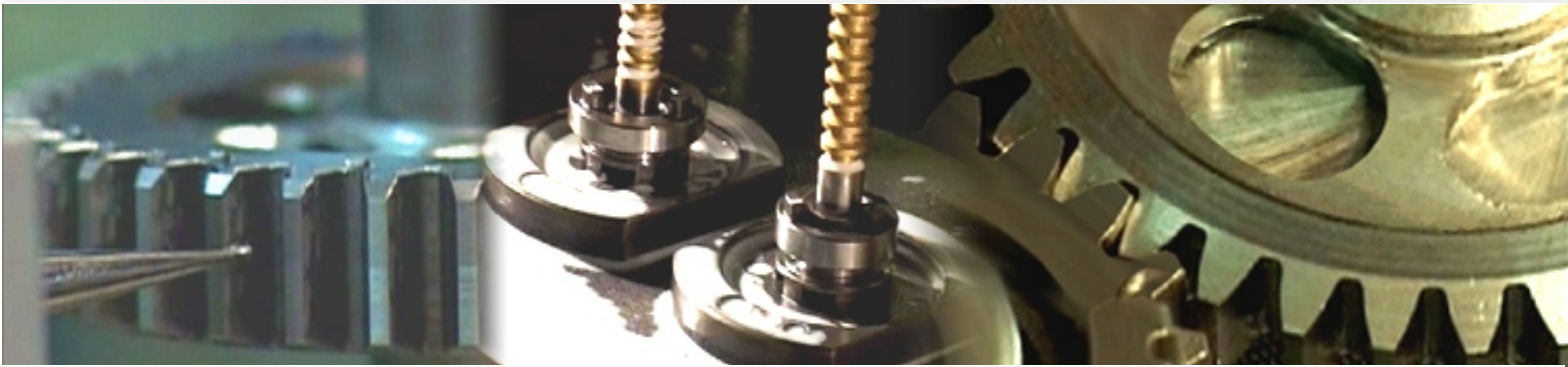


Jagadamba

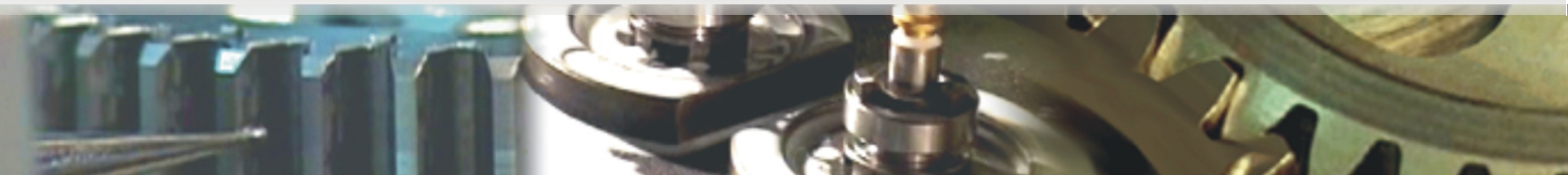
Auto-components Ltd.



Facility Name : Jagadamba Auto-components Ltd.
Registered To ISO : TS16949
File Number : A14267



W o r l d C l a s s T e c h n o l o g y



Relentless Journey to Excellence



Corporate Philosophy

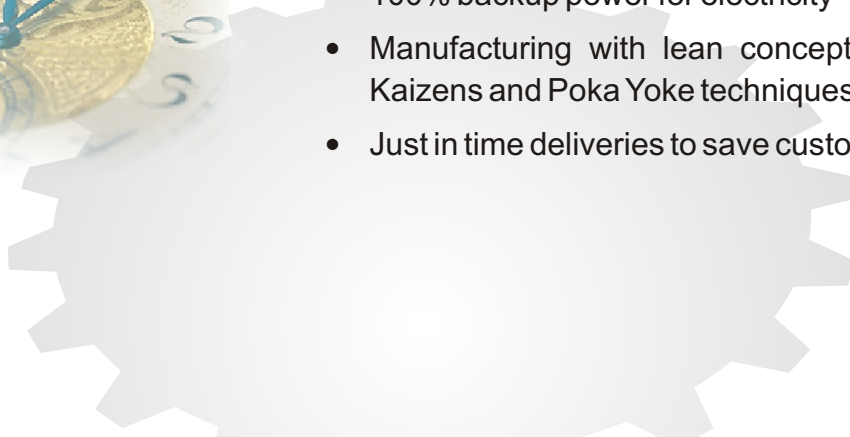
“Quality is never accidental. It is always the result of good intentions, focused and sincere effort, intelligent direction and skilful execution”

Quality Policy

“Give value for money, quality and service to fully satisfy the customer. Achieve these goals through continuous quality improvement, adapting International quality standards and systems.”

Highlights

- JAL manufactures gears from forging through blanking, gear cutting, heat treatment and post HT all under one roof.
- Heat treatment with the latest technology of Fine Carburising and maintains case depth within 0.2 mm.
- 100% backup power for electricity
- Manufacturing with lean concepts and employing TPM, Kaizens and Poka Yoke techniques.
- Just in time deliveries to save customer inventories.



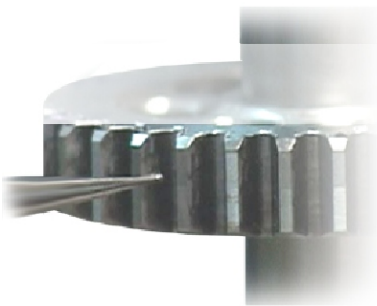


In Pursuit of Excellence

Quality Control

Jagadamba Auto-components Ltd. has embraced the philosophy of "Quality at all Stages." To begin with procurement ensures that its products meet the stringent tests .

The company procures its alloy steel from reputed QS9000 and ISO9001 certified manufacturers like Mukund and Musco to ensure proper chemical composition, jominy values and specified metallurgical requirements.



Jagadamba executes its commitment to quality by ensuring:

- Checking of components by attribute and air pressure gauges to determine conformance to specifications
- On commencement of production, the first few pieces are checked for chordal width, lead, profile, pitch and composite errors as per standards, on Osaka CNC Lead and Profile error testing machines
- Well -equipped laboratory to check metallurgical aspects of heat-treated gears
- The entire process works under the systems and control of TS-16949. The company has adopted the TPM policy, which helps to create a safe working environment and continuous elimination of losses with increased flexibility in the processes
- Process capability studies are maintained with SPC systems, CPK and Gauge R & R analysis





Jagadamba

Auto-components Ltd.

A Tradition of Success

- ▶ 40 years in the auto-component industry
- ▶ Experienced and capable management
- ▶ Turnover of USD 27 million per annum

The Group

Jagadamba Auto-components Ltd. with over 40 years' experience in the auto component industry, qualifying its ability to sustain and grow in the face of emerging competition and a rapidly changing business environment.

An exceptionally able board leads the group, comprising of the Managing Director, Mr. Ravi Patodia. The group now claims a turnover of over 27 million US Dollars, or Rs. 1350 million, per annum.

In 1996, JAGADAMBA Auto-components Ltd. began manufacturing Machined Components and Transmission Gears at Koregaon Bhima, an industrial destination close to Pune and easily accessible from the commercial capital of India - Mumbai.

The Esteemed Customers

BAJAJ AUTO LTD 2 & 3 Wheeler Manufacturer

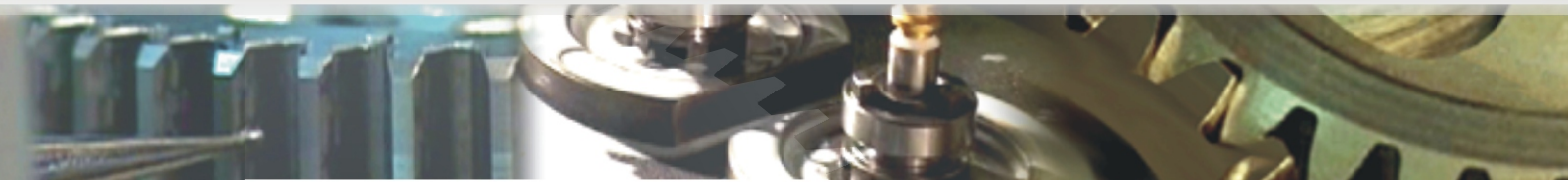
FAIRFIELD Gear Boxes for Parent US Company

EATON CORPORATION USA Multiproduct Multinational

RENOLD GEARS UK Auto Transmissions

SWARAJ MAZDA LCV & MCV Manufacturer





Driven by Power to Precision



- ▶ Jagadamba Auto-components Ltd. manufactures:
Gears, Shafts and Machined components
- ▶ for Motorcycles, LCV's MCV's and HCV's
and Off Road Vehicles.

Production capacity 16 million transmission gears and shafts



Infrastructure

Total Land :	4,50,000 sq. ft.
Built-up :	85,000 sq.ft.
Power Installation:	1500 KVA
Back-up Power Installation:	1500KVA





Jagadamba
Auto-components Ltd.

Machinery is the bedrock of manufacturing

Machinery

Jagadamba Auto-Components Ltd. is well equipped with;

- In house forging facilities with the-state-of-the-art machinery for warm & cold forging.
- CNC Turning machines of Muratec and ACE make with competence to handle diameters of up to 200 mm and a swing of 250mm
- Vertical broaching machines of Protel and Karlklunk make with capacities of 3T, 6T and 16T
- Conventional and CNC 7-axis, from reputed manufacturers like Liebherr and Pfauter for gear cutting up to 200 mm diameter and 5 module with a DIN class 6 accuracy as per DIN 3962.
- Gear shaving machine capable of performance up to a diameter of 150mm and module 5 with diagonal and traverse
- Gas sealed-quench furnaces for case carburising & nitriding
- Bore Honing machines for finishing ID of gears
- Cylindrical grinders with between center height of 150mm and length of 500mm
- **Quality Control Equipment**
 - Lead and Profile checking on Osaka and M&M
 - CMM for all coordinate measuring requirements
 - 3D height gauges
 - Roundness tester
 - Surface Measuring equipment





Taking off into the Future



The Future beckons...

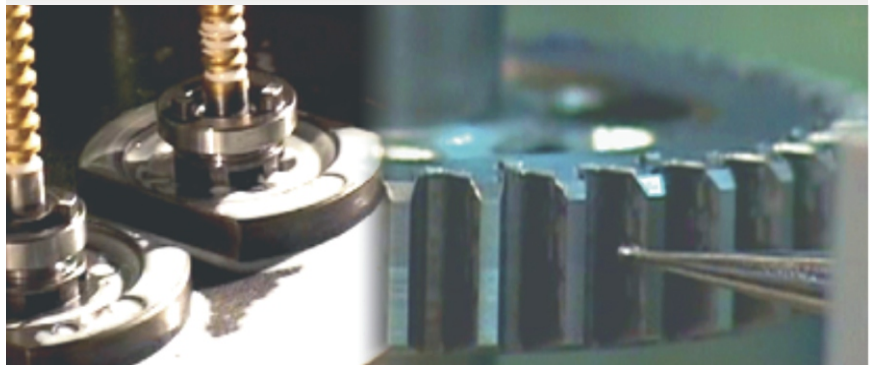
JAGADAMBA Auto-Components Ltd. has adopted an expansion strategy of concentric diversification and vertical integration to serve new customer groups.

This will help realize its long-term objective of becoming one of the leading corporate's in India and will enhance the long-term value of the JAGADAMBA GROUP by achieving excellence in business and operational activities.

Jagadamba Auto-components Ltd. is in the forefront of India's progress in auto components, in achieving international standards of excellence and providing value for money in all aspects of auto components with a focus on customer delight through quality products and services



In the Quest for success, there is no alternative to quality



Jagadamba Auto-components Ltd.

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