

Precision rules production



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Ramkrishna Forgings Limited



Chairman's Message

"It is our ambition not only to perform but to deliver desired results in due course"

RKFL has steadily and successfully developed and expanded as a major manufacturer of automobile parts for heavy commercial vehicles.

Company believes in firm foundation and principles which has been followed right from its inception and also focused on pioneering and entrepreneurial spirit. Even today the courage to go ahead with the innovation is combined with the strength to persevere and also to align corporate development according to long term considerations.

Technology is an application of engineering to meet an objective or solve a problem. Hence keeping in view of the aforesaid definition the company has always adopted new technologies in order to create an indispensable place in the "Manufacturing industry" and also to serve its various clients throughout the world.

M P Jalan
Chairman



A sustainable growth path.

Mr. M.P. Jalan, the Chairman of Ramkrishna Forgings Limited, founded the company in the year 1981. Under his dynamic leadership, RKFL has emerged as a leading forging company, driven by modern technology and innovative thought process.

A key growth driver to RKFL is its state-of-the-art, manufacturing facilities and international level of quality control backed by a team of skilled professionals.

The name continues to stand for trust and reliability.



Managing Director's Desk

RKFL is targeting for exponential growth through a combination of our own initiatives and forging new partnership in new product lines.

RKFL is targeting for exponential growth through a combination of our own initiatives and forging new partnership in new product lines. Mr. Naresh Jalan leads a team of 1500 nos employees based in India, at Jamshedpur near Kolkata.

These investments will accelerate RKFL's growth and at the same time it will be beneficial for all the customers, employees and stakeholders.

Mr. Naresh Jalan believes and advocates a customer-centric approach that has filtered down to every decision and action in RKFL. His decision style is much evident in the management processes at RKFL an open culture, participative management practices, innovation, continuous improvement, speedy response, empowerment of individuals and enjoyment of one's job and contribution to the continued growth to make it the best in the country.

Vision

"To be the most dependable and preferred supplier of forged & rolled components for the railways, automobile, defence, mining, earthmoving, oil exploration, farm equipment, wind energy, bearing and general engineering industry; by providing world class products at competitive costs through a knowledge based happy organization."

"Customer is our asset."



Forgings



Heat Treatment

Capabilities

- Normalising
- ISO Annealing
- Carburising
- Sealed Quenching
- Pressed Quenching
- Induction Hardening
- Hardening & Tempering



RKFL has capacity to forge components upto 150 kgs in weight (single pc) as it possesses state of the art air hammer (Huta Zigmuth).

RKFL also has upsetters & Press lines to undertake critical forging.

Installed capacity
45,000 MT



RKFL has atmospheric controlled sealed quenching furnaces. Apart from these RKFL can also perform plug quenching & carburizing meticulously upto the desired case depth as per the customer requirement.

RKFL has state of the art hardening and tempering furnace which is PLC controlled with graphic recorder.



Equipment : Open Hammer | Drop Hammer | Upsetter | Press Line



Machining

RKFL has state of the art Mitsubishi Gear hobbing machine for hobbing Gears as per customers requirement of Helix Angle.



All Automobile Shafts are hobbled to accuracy of DIN7



Capabilities

- CNC Turning Centre
- CNC Gear Hobbing
- CNC Gear Shapping / Shaving
- Gear Tooth Rounding
- CNC Broaching
- Spline Rolling
- Vertical Turning Centre
- CNC Gear Grinding

Ring Rolling



State-of-the-art fully automatic Robotic line with Induction Heater having accept / reject mechanism. In reject mechanism - High and Low temperature both are available.

one-of-a-kind setup



State-of-the-art Ring rolling line with Robotics which can roll crown wheels upto 500 diameter and 300mm in height.



Installed capacity

1.2 million pcs



- Press
- Heater
- Robos
- Rolling
- CNC controlled circular Saw Cutting Line
- SMS Meer Ring Rolling Line (German)

Products

Machined Products

All Hobbled Gear upto Din 7 accuracy



Forged Products

Forging upto 150 kgs in weight in As forged Heat Treated conditions



Rolled Products

RKFL has installed fully automated ring rolling line alongwith Isothermal Annealing line and CNC controlled Vertical Machining Centers with Robo drills to fully machine the ring as per customers requirement.



Automotive



Earth Moving and Mining



Farm Equipment



General Engineering



Defence



Railways



Steel Plants



Oil Exploration



Wind Energy

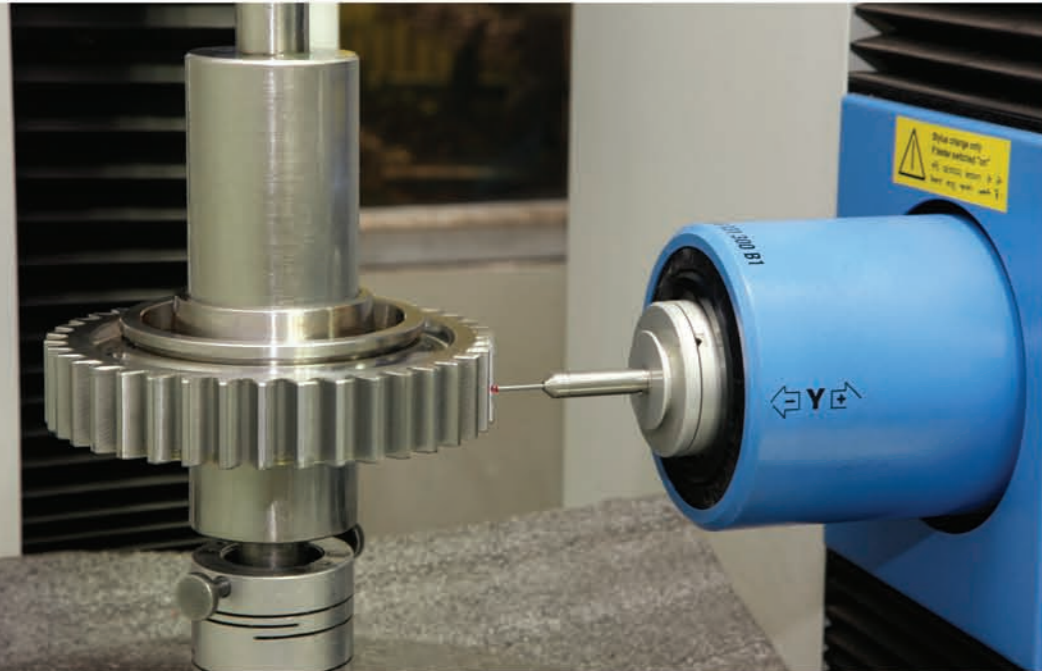


Bearing

Quality

Quality Objectives

- Increase customer satisfaction
- 100% on-time delivery
- Zero percent rejection
- Continuous Process Improvement
- Training and Development of employees
- Latest Infrastructure
- Strict Adherence to Safety Norms

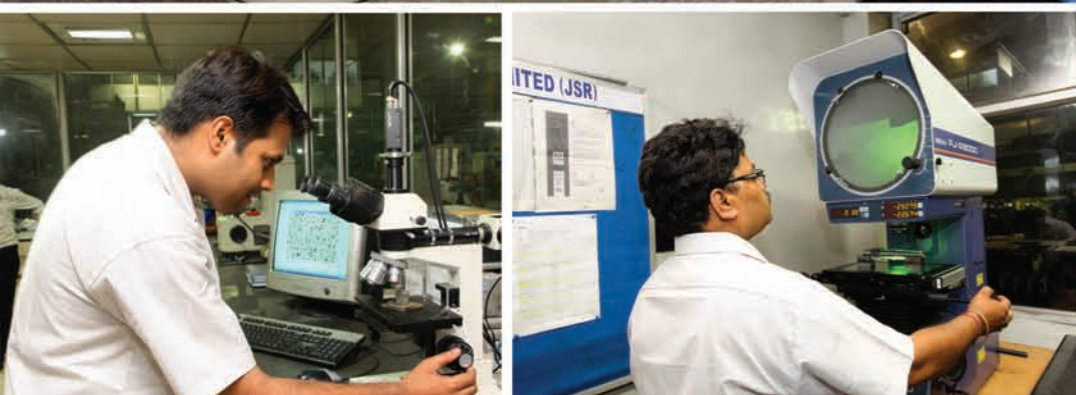


Metallurgy Testing Competitiveness

- Metal Spectroscope
- Optical Microscope
- Microscope with Image Analyser
- Mecatone (T255/300)
- Metal Scan (2500) Spectrometer
- Magnaflux
- Impact Testing Machine
- Bend Testing Fixture (flexible with 17)
- Strolin Apparatus
- Fortin's Barometer
- Ultrasonic Flaw Detector
- Tensile Testing Machine

Metallography Testing Competitiveness

- Zeiss CMM
- P40 Kleinberg Gear Analyser
- Profile Projector
- Digital Height Gauge
- Dial Verniers
- Digital Micrometer
- Surface Roughness Tester
- Bench Centre
- Air Guage



Corporate Social Responsibility

HEALTH, SAFETY & ENVIRONMENT
SOCIAL RESPONSIBILITY AND COMMUNITY DEVELOPMENT

RKFL embraces responsibility for impact of its operations and actions on all stakeholders including society and community at large.

RKFL encourages all its employees and other participants to ensure positive impact and its commitment towards CSR.

RKFL continues to be committed to develop and implement EMS (Environment Management System) throughout the plant, control and reduce the environment impact.

In this direction RKFL has attained ISO 14001: 2004 and ISO-18001:2007 OHSAS management systems in its plants.



Breaking through new horizons...

Preparing for change before change beckons. Harnessing the power of innovative technology by introducing new product lines in which the forthcoming hollow spindle, FA Beam line, RA shafts, spindle line will play a vital role in RKFL's growth enhancement in automobile industry.

RKFL is not only catering the needs of Indian clients but it also performing in the same manner for its overseas clients.

This is known as RKFL's world as it believes in continuous growth and try to keep pace with the modern technologies as the years are rolling by.



Export Destinations

