

Precise Forging Solutions



An ISO 9001 : 2008 Company

Mfg. of : Steel Forged Auto Parts & Hot Rolled Rings



www.rahilindustries.com



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Company



Specialized in hot rolled rings forging and closed die steel forgings, Rahil industries has been supplying to many industries like Automotive, Earth moving equipment, Bearing industries, Power transmission, Oil field supply industries, Auto gears manufacturers & Textile industries both in India and overseas. The company's annual production capacity is 4500 tons. The production facilities of the company in which are built on 4200 sqm area, cover 2200 sqm. closed area, They are equipped with modern induction long bar heaters, forging presses, ring rolling machines, power presses, and eccentric presses to produce close-tolerance forged parts with a weight rang of 0.3 kg. To 22 kg, supplied in plain carbon steel, alloy steel, Non ferrous metals and stainless steel 304L, 316L.

The company having in house Forging, Metal treatment & CNC machining facilities. Depending on the customer's demand, Rahil industries also provides secondary machining with cnc machines and delivers as finished parts ready to assemble. The companies, tool making shop equipped with necessary tooling machineries is capable of designing and manufacturing various types of dies in-house.

Our quality management system has attained ISO 9001 : 2008 Certificate by RW TUV CERT. Rahil industries success is based on consistently high level of quality in work with reliable cost and timely delivery.

We believe that long term cooperation with our customers and understanding their needs will allow us to reach optimal parameters of their products and increase their competitiveness.

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Deals in : Gear Blanks ◦ RTJ Gasket Rings ◦ Hose Clamp SS Rings
Earth Moving Machine's Parts ◦ Hot Rolled & Machined Rings
◦ Case Hardened and Ground Bushes.

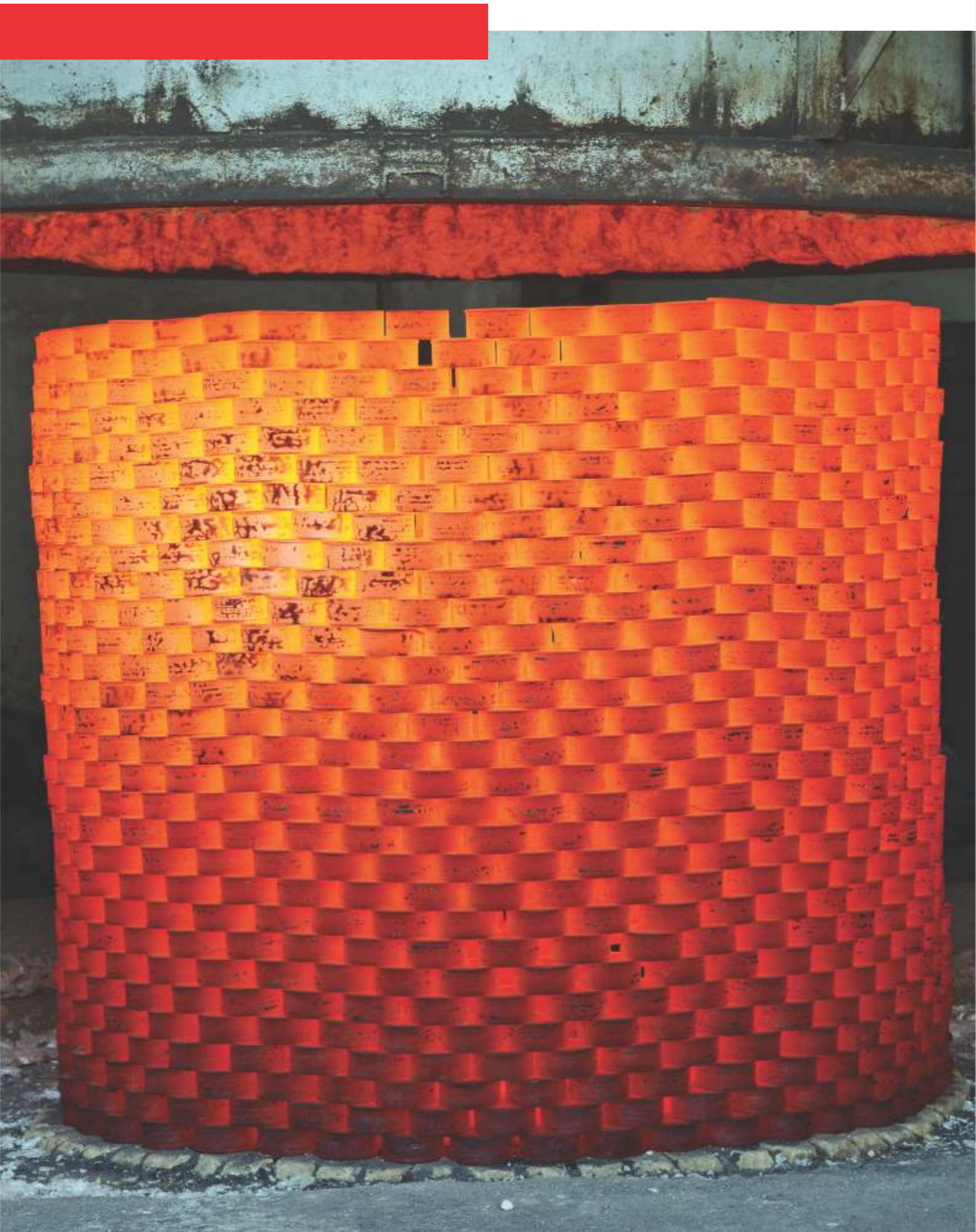


Forging



Forge shop is equipped with forging presses and hot rolling facilities in multiple lines. Raw material heating facility includes induction long bar heating furnaces with automatic temperature controller and gas fired furnaces with thermo couples. Installed capacity is 400 MT forgings per month of various ranges from 70 mm O.D. to 550 mm O.D. and height upto 100 mm & weight 0.350 Kgs. to 30 Kgs. from various grades of Alloy Steel, Carbon Steel, Stainless Steel and special Steel. Forge shop is supported by well equipped in-house die shop(tool room) and data storing system.

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Heat Treatment



All kind of after forging heat treatment processes just like normalization, soft annealing, isothermal annealing, spheroidise annealing, stress-relief annealing, hardening and tempering are carried out in our in-house metal treatment shop. Heat treatment of forgings is carried out in 4 electric and gas fired bell type furnaces with oil and water bath for quenching and tempering. All furnaces for heat treatment are equipped with automatic temperature control, measuring and recording instruments like 1600* microscope, hardness testers etc.

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Machining



We are equipped with CNC Machine shop which includes CNC turning centres, Vertical milling centres, PLC controlled grinders with high quality inspection instruments and facilities. Which gives better optimization in productivity as well as to get exact specifications demanded by our esteemed customers.

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Grinding



We are equipped with centreless grinding machines and PLC controlled internal grinding machines to produce precise and closed toleranced bushes in our in-house grinding shop.

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Quality



Each and every stage of manufacturing at Rahil Industries reflects a profound presence of excellence in quality. To meet the most exacting requirements of the most demanding client, we have an array of sophisticated technology to ensure the best of quality. High precision measuring instruments such as microscope, CMM, Contour measuring, Machine Profile Projector, surface roughness tester etc. lay down the foundation for the quality of our products.

Quality assurance activities for the manufacture of all the products of our plants are closely coordinated at all the production stages.

Our employees contribute to the zero defect strategy.

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Rahil Industries

Plot No. G-1109, G.I.D.C., Metoda,
Lodhika - 360 021, Dist. Rajkot, Gujarat - India

Phone : +91 2827- 287387, 287187
Mobile : +91 98242 27700

E-mail : info@rahilindustries.com
rahilrings@gmail.com

Url. www.rahilindustries.com

