



# New Gayatri Auto & Forge

*Accelerating The Autoparts Revolution*

An ISO 9001: 2015 Certified Company

Survey No.161, Plot No.3A/2,

Near Kranti Forging, S.I.D.C.Road,

Veraval (Shapar)-360024

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**NSIC**

ISO 9001 : 2008



**D&B**



**SMERA**

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**→ Manufacturer of closed die forged components**

We supply the products into Auto Parts, Flanges, Oil & Gas, Earthmover & Transmission and Several Engine Parts.

We already developed Diff. types of Connecting Rod, Cam Shaft, Gears, Pinions, Shafts, Long Fork, Short Forks, Flange Yokes, Hammer Unions, Track Links, Gear Shifter Forks, Levers, Heads, Eyes and many more components. Our manufacturing product weight varies from 0.8 kg. to 20 kg.





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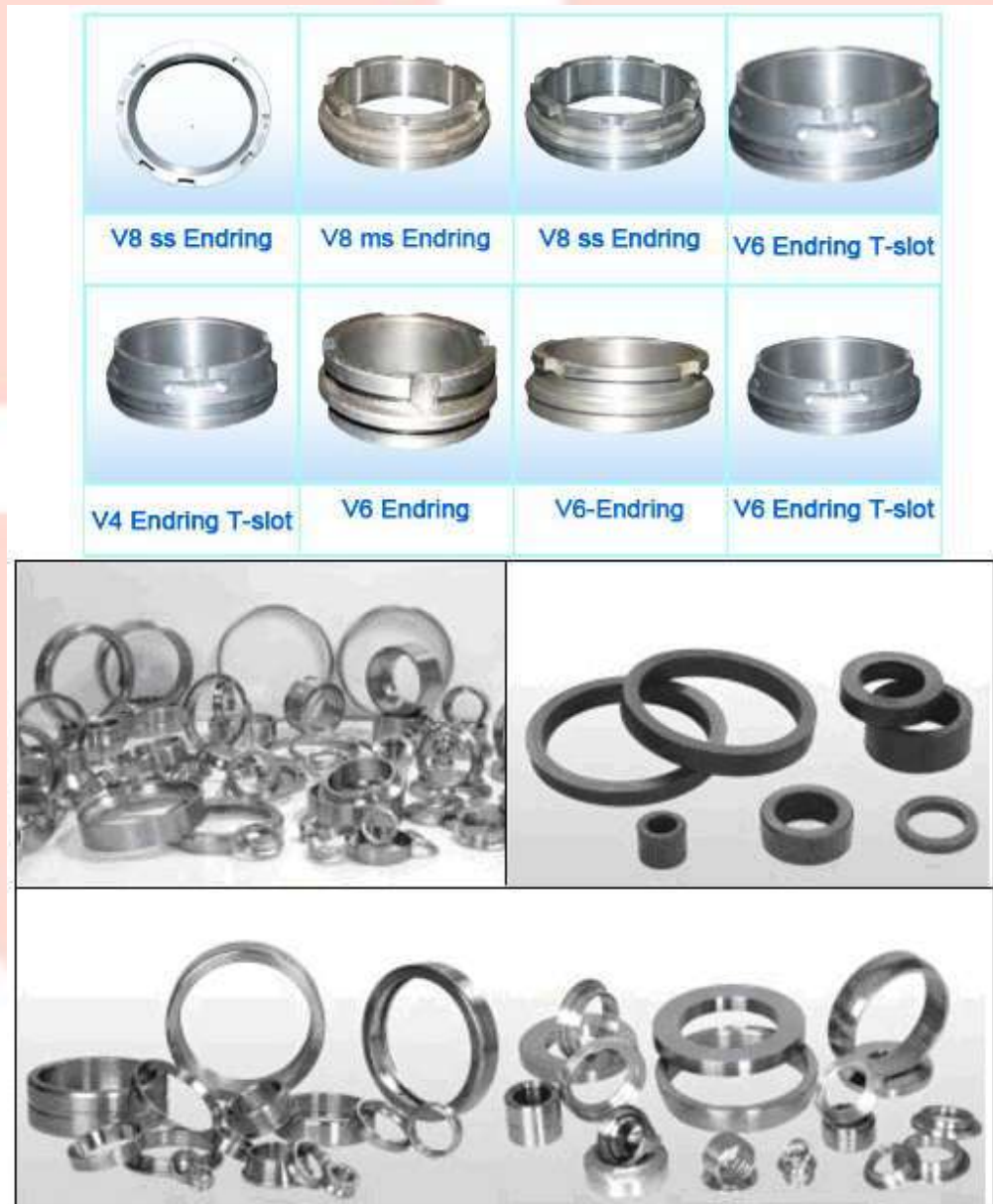


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**→ Manufacturer of closed die ring rolling forging components**

We supply the products into Auto Parts Ring, Oil & Gas & Engine Parts, Submersible Ring, and Metal Gasket Ring.

We already developed Diff. types of Ring. Our manufacturing product weight varies from 0.8 kg. To 25 kg. And 500 mm in dia. (Ring Rolling)



## → Raw material STOCK YARD

### RAW MATERIAL PROCUREMENT.

Raw Material - Carbon and Alloy Steel in form of bars and billets. It is procured from various steel mills as per national and internal specification. Also we purchase raw material as per our customer approved supplier list.



## → Modernized Die manufacturing facilities

### DIE MANUFACTURING FACILITIES

We have all facilities to prepare a die for particular component. To support this manufacturing process we have Milling M/c, Shaping M/c, Heavy Lathes and EDM. After compellation of die cavity, we are taking cast of plaster taken out from the die-cavities. Then Plaster of Paris is thoroughly checked for all the dimension in drawings and report are filled for reference before releasing the die for production. Out source facilities of VMC M/c.



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## → Cutting department

### *RAW MATERIAL CUTTING.*

By process of searing and sawing, Cutting being done as per required size and weights. Band Saws, Searing Machine and Hack Saw machines are role to cut the raw material into cut stocks. The cut stocks are transferred to forge shop as per requirements.



## → FORGE SHOP

- |  |                         |
|--|-------------------------|
| 1) Belt Drop Hammer 1 Ton/1.5 Ton            | - NKH & RATTAN Make     |
| 2) Belt Drop Hammer 0.5 Ton                  | - RATTAN Make           |
| 3) Trimming Press 150 Ton                    | -2 Amrit Make           |
| 4) Pusher Furnace                            | - Self Made             |
| <b>5) Electric Induction Furnace 250 KVA</b> | <b>-R A Induction</b>   |
| 6) Box Furnace                               | - 4 Self Made           |
| 7) Forging Press 75 Ton                      | - Amrit Make            |
| 8) Forging Press 100 Ton                     | - Amrit Make            |
| 9) Forging Press 150 Ton                     | - Amrit Make            |
| 10) Forging Press 200 Ton                    | - Amrit Make            |
| 11) Hydraulic Ring Rolling Machine           | - Rangani & Amrit Make  |
| 12) Pneumatic Power Press 300 Ton            | - Rovetta Made in Italy |
| 13) Crank Less Power Press 200 Ton           | - Amrit Make            |
| 14) Pneumatic Power Press 300 Ton            | - Basant Make           |
| 15) Metal Geathering Heating Machine         | - Crystal Electronics   |
| 16) 150 Ton Screw Press                      | - Dharam Make           |
| 17) 50 Ton Power Press                       | - Alfa Make             |



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## → HEAT treatment shop

### HEAT TREATMENT PROCESS.

Forgings are subjected to various heat treatments like normalizing, annealing, Isothermal annealing, quenching, hardening & tempering etc. to achieve required and specified mechanical and metallurgical properties. like Hardness, Micro Structure, Tensile Strength, Elongation, Reduction of Area etc.. Etc... Gas fired continuous PLC Controlled heat treatment furnace operated for heat treatment. We are having tie up with outsourcing facility as Heat Treatment Process.



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## → *IN house CNC turning shop*

We are having in house CNC Turning Shop to cater machined component requirement for our valued customer for automotive, Farm Equipment and oil & gas segments. We are having 6 CNC Turning Center, 8-Lathe,4-Copping Machine. We are having tie up with outsourcing facility as 4 CNC Turning and 2 CNC Milling Center.

We are supplying machined blanks as per international as well as national standard.



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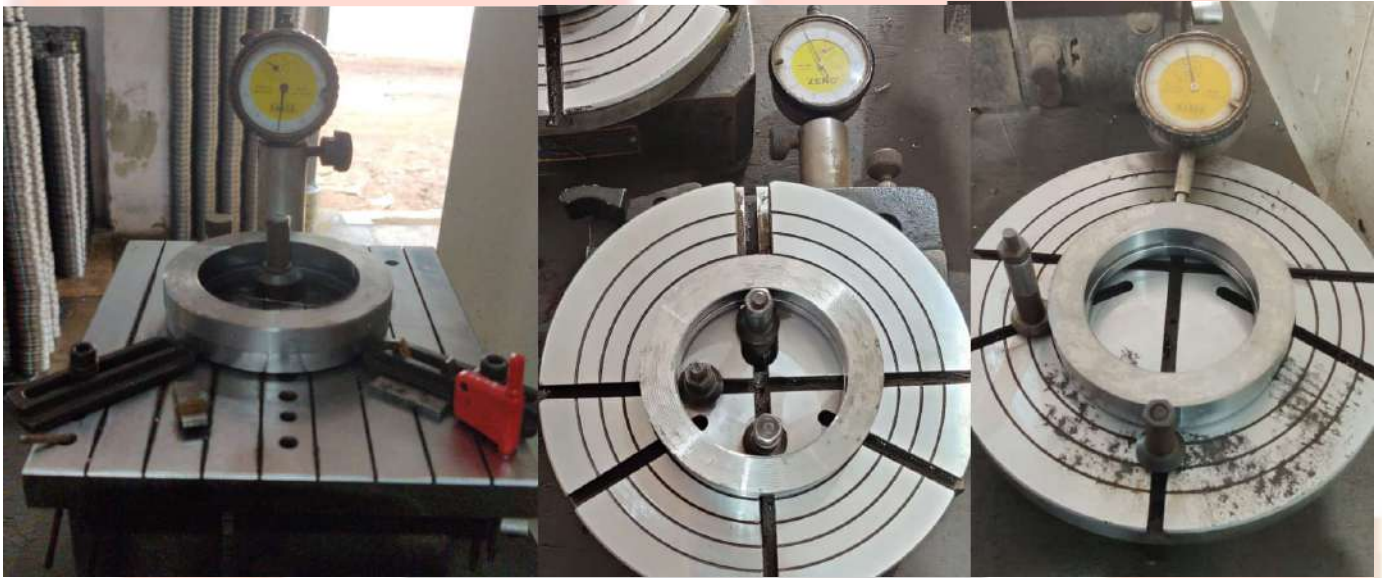
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## → Pre – Dispatch inspection

Forged and Machined products undergo rigorous visual as well as dimensional inspection, Internal and third party inspection (if required) to ascertain compliance of customer specified requirements. State of the art methods, instruments and equipments are employed for pre-dispatch inspection.



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## → *STORAGE & DISPATCH*

All Forged products accepted to be assuring the customer specified quality requirements are transferred to specified area where they are oiled, packed and stored according to laid down procedures to protect the products from distortion and damages if any.

Duly packed parts are then dispatched to the customer via road, rail, air and sea routes (if required) for ultimate use at their end.



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## → *QUALITY POLICY*

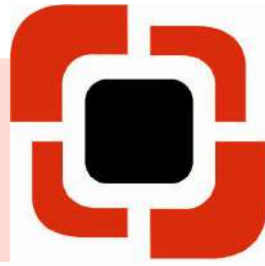
We at “New Gayatri Auto & Forge” are committed to supply consistent zero defect quality of finished and semi finished product that can satisfy our customer in all aspect of product quality with strictly adherence to in time delivery and continual improvement in processes, resources and infrastructure & work environment.

We are also committed to enhance the skills of our employee and to implement safety rules which affect the product quality.

## → *QUALITY OBJECTIVES*

- To achieve zero customer complaint.
- To increase customer satisfaction.
- To adopt latest technology.
- To reduce the internal rejection.
- To increase sales.
- To decrease brakedown hrs.
- Continual improvement inQuality.
- To provie in time delivery.

*Thanks – With Regards*



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