



Tirupati
Forge Limited



TIRUPATI FORGE LIMITED

Survey No.92/1, Hadamtala Industrial Area, Nr. Shan Cement,
Rajkot Gondal National Highway, Vill. Hadamtala,
DIST. : RAJKOT - 360 311 (INDIA)
Mobile : +91 9825093907

Website : www.tirupatiforge.com
E-mail : export@tirupatiforge.com

**FORGING AHEAD
FOR BRIGHTER TOMORROW**

MANUFACTURER AND EXPORTER OF FLANGES & FORGED PRODUCTS

TIRUPATI FORGE

We were incorporated in the year 2012 with focus to manufacturing mass quantity Carbon Steel Forged Flanges, Forged componets and other automotive components . We got our selves equipped with the most modern CNC Machine Shop and full proof infrastructure required for the meticulous machining centre to be supported by quality assurance dept. We had astounding growth focusing its activities for catering the need of international market by 90% of product utilization. We ensure every customer's complain is heard promptly.

Having installed capacity of 7000 TONS per annum. Our stringent quality control measure and full proof system got us accredited with ISO-9001:2008 certification, PED - AD 2000 and CRN (Canadian Registration Number) With Tirupati brand name. Our forged flanges and forged components largely shipped to U.S.A. , European and African Countries.

We are equipped with the most modern forge shop and machining facilities available under one roof adhering to stringent quality control measure. The entire system is backed by proper documentation, traceability until the end product, with full proof checks required as per ISO regulations.

A Strong motivated team of engineers, responsive marketing, solid support from our manufacturing shop resulting CUSTOMER-DELIGHT catapulting TIRUPATI to a position of LEADERSHIP TODAY. Our installation stand testimony of our standing industry.

TIRUPATI believes QUALITY is not just about a good product its about good attitude which encompasses all spheres of corporate.



TIRUPATI FORGE LIMITED

Website : www.tirupatiforge.com

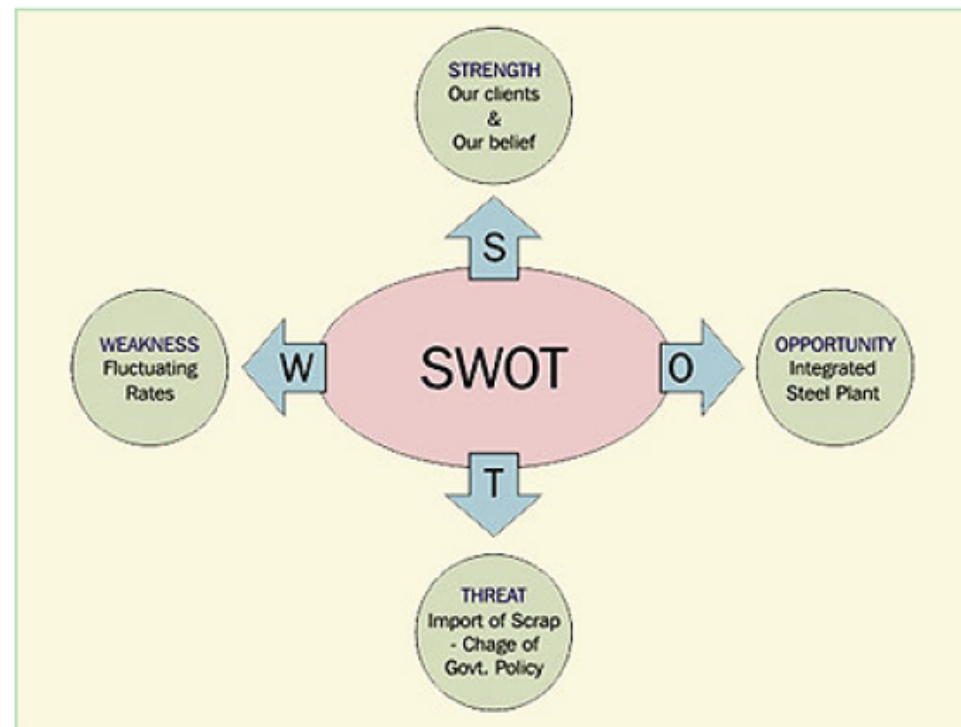


FORGING PLANT FACILITIES

Tirupati endeavor is to be a single point source offering all the facilities under one-roof. Our comprehensive facility is having chain of industries comprising of Stone, Raw Material Cutting, Induction Heating, Forging, Machining, Drilling, Stamping, Packing with application technology center at-par with international level. We also have design-development, testing and logistic department.

- ✓ Latest Forge Shop with Induction Heaters
- ✓ In House Die Shop
- ✓ Ring Rolling Machines
- ✓ Automatic CNC Machine Shop
- ✓ Automatic Drilling Machines
- ✓ Stamping Machines
- ✓ Automatic Paint Line

Plant has been meticulously laid in environment friendly ambient making it pollution free. Our **SWOT ANALYSIS** has place us in very comfortable WIN-WIN SITUATION.



OUR SUPPORTING FACILITIES

'Tirupati' has all the required facilities under one roof :

- ✓ MPM Hammers : 1 TON, 3 TON
- ✓ Range of Press for Trimming
- ✓ Ring Rolling Machines for 350mm & 500mm OD
- ✓ Induction Heaters of 75kw ,350kw & 650kw
- ✓ CNC Machine Shop
- ✓ Automatic Paint Line
- ✓ Automatic Multi Spindle Drilling Machines
- ✓ Automatic Stamping Machines
- ✓ Physical Lab
- ✓ Band Saws and Automatic Billet Shearing Machines cutting up to 250mm square
- ✓ Die shop - Die designing and Tool room
- ✓ Component Design Department with CAD/CAM facilities

FORGING AHEAD FOR BRIGHTER TOMORROW



Tirupati

BIG-THRUST & NEW CONCEPTION

Having not satisfied with our growth, there was a big question mark (?) Before the managing committee. Vital Question What Next? Ambitious goal was to grow by leaps and bounds which lead us to two fold backward integration.

We are situated on Survey No.92/1, Hadamtala Industrial Area, Nr. Shan Cement, Rajkot Gondal National Highway, Vill. Hadamtala, Dist. - RAJKOT 360311 (INDIA)

CHAIRMAN'S CREDO

It's the impeccable 'pedigree' of Tirupati that breeds the Culture of enterprise.

Successful companies facing global competition gain confidence by knowing that they are properly equipped with right 'Technology' that's why many industrial giants stick to Tirupati products for their needs that gives them that **Muscle Power of Steel Forging Ahead for Better Tomorrow....!**

In fact when technology becomes more and more sophisticated our successful clients look at Tirupati group of industries for their changing requirements.

We are coming up with Backward Integration Technology to give solution to your Complex Requirement all under one Wide Acre Roof. This helps arrive at the optimum product requirements, building relationship that stand the test of Time. We assure as usual our stringent Quality Assurance.



Website : www.tirupatiforge.com



MANUFACTURING CAPACITY

FORGINGS

- ✓ Capacity: 7000 Tons PA 0.5 kg to 45 kg Single Piece
- ✓ Circular shape forging to Near Net Forgings, Flanges, Bearing, Gears, Crown Wheels & Rings etc.

RING ROLLING MACHINES

- ✓ Capacity : 5,000 MT PA
- ✓ Size : 150 mm to 500 mm OD
- ✓ Grade : MS, Carbon Steel, Alloy Steel, etc...
- ✓ Automatic production line from Induction to Presses

CNC SHOP

- ✓ Capacity 500 mm OD
- ✓ Achieving OPERATIONAL EXCELLENCE through technical upgradation.
- ✓ Best range of fully automatic Numerically Controlled Machines to meet customers' TECHNICAL requirement consistently.

MULTI SPINDLE DRILLING MACHINES

- ✓ Capacity: 500mm OD
- ✓ Size: Mass Scale Precision Handling Machines
- ✓ Fully Automatic Drilling Machines



PAINT SHOP

- ✓ 40 Tons Per Day ready to pack material
- ✓ Fully automatic dipping & drying paint line
- ✓ Super smooth coated mass process

AUTOMATIC STAMPING MACHINES

- ✓ Capacity 500 mm OD
- ✓ 200-500 pcs/hour Fully automatic stamping
- ✓ Grooves harmoniously a niche of CLARITY

PACKING & LOGISTICS

- ✓ Water proof WOOD packing
- ✓ Inner with PVC bags to avoid corrosion-humidity & dent during transportation
- ✓ Pampered like BABY HANDLING



STRINGENT QUALITY ASSURANCE

We have adopted our quality assurance system at-par with the international standards.

We have in house Q.A. Facilities :

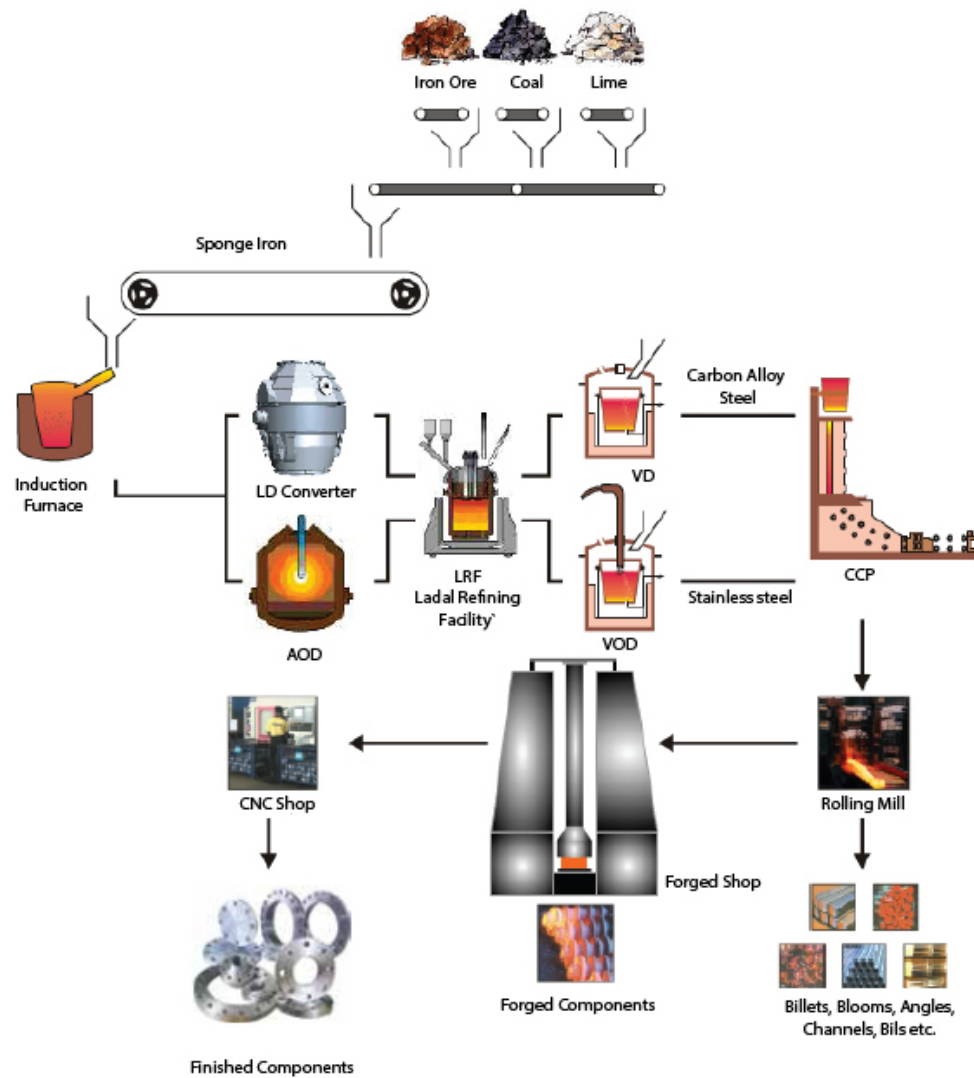
- ✓ Spectro Meter
- ✓ Physical Lab.
- ✓ Universal Testing
- ✓ M.P. T.
- ✓ Ultra Sonic Testing
- ✓ VMC Machine
- ✓ D.P. T.
- ✓ Heat Treatment Shop
- ✓ Shot Blasting Shop



LOGISTIC DEPARTMENT

It's like our baby care unit to ensure perfect handling of consignment, maintaining precise delivery schedule, adding value to our products, customers delight in real sense.





PROCESS

Website : www.tirupatiforge.com



ACHIEVEMENTS



FORGED PRODUCT

We believe that customer's expectation is above all.

We will achieve complete satisfaction of our customer by providing quality forgings/finished flanges and services, through continuous improvement in our quality management system.

We will do continual improvement by fulfilling our quality objectives.



FORGED PRODUCTS



FLANGES PRODUCTS

RAW MATERIAL USED FOR FORGING

Billets / Blooms

Size : 40 mm to 220 mm

Grade : MS, Carbon Steel , Alloy Steel,
Beaning Steel and Stainless Steel

Round Bars

Size : 40 mm to 220 mm

Grade : MS, Carbon Steel , Alloy Steel,
Beaning Steel and Stainless Steel

Pipes

Size : 25 mm to 150 mm

Grade : MS, Carbon Steel, Stainless Steel
Seamless Pipe





FLANGES

CARBON STEEL FLANGES

Size Range : 0.5" - 24"

Pressure : 150 - 2500 LBS

Types : Slip-On, Weld-Neck, Blind, Lap-Joint, Threaded & Socket Weld Expertise, Value-Reliability-Quality of International Standards Specialised, State-Of-The-Art

Material : Carbon Steel & S.S.

Ensure Upgradeability In All Our Products

- Closer Tolerance
- Reasonable Pricing
- Timely Delivery

DIN FLANGES

DIN 10 TO 300

DIN : 2573, 2576, 2631, 2632, 2633, 2634, 2635, 2642, 2672

Material : C-22.8

PLATE FLANGES

Size Range : 0.5" - 24"

Material : M.S. and as per customer's specification and requirements.

LONG WELD NECK

Size Range : 0.5" - 24"

Material : M.S. and as per customer's specification and requirements.



SEAMLESS ROLLED RINGS

MATERIALS, SIZES AND PROFILES

Tirupati offers a wide selection of Carbon, Stainless and Alloy steels. All are certified, all are traceable. Seamless rolled rings are produced in diameters upto 500mm dia meter & weights upto 50 Kgs. Profile

COMPUTERIZED HEAT TREATING

Normalizing, quench hardening, annealing and tempering operations are performed in-house.

COMPLETE SIZING AND MACHINING OPERATIONS

Tirupati post-forming capabilities include specially designed expander units that perform hot or cold sizing operations to bring rings into final diameter tolerances, and complete machining capabilities that allow us to furnish rings at any stage from "as rolled" to "ready-to-install".

APPLICATIONS:

- Automotives
- Railway
- Earth Moving
- Aerospace
- Bearings

FORGED FITTINGS

HAMMER UNION



Tirupati specialized in producing fully assembled Hammer Unions as well as individual components (Male, Female and Nut) for all pressure ratings (Figure 100 – 1502) and size rating from 1" through 6" with NPT Threads conforms to ANSI B1.20.1.

FORGED PIPE FITTINGS



TYPE : Elbow, Tee, Cross, Coupling, Half Coupling, Cap, Plug, Bushing, Union, HEX, Nipple, Swag Nipple

RATING PRESSURE : Threaded End – 2000 / 3000 / 6000 LBS
Socket Weld End – 3000 / 6000 / 9000 LBS

SIZE : NPS 1/8" – 4"

Website : www.tirupatiforge.com

