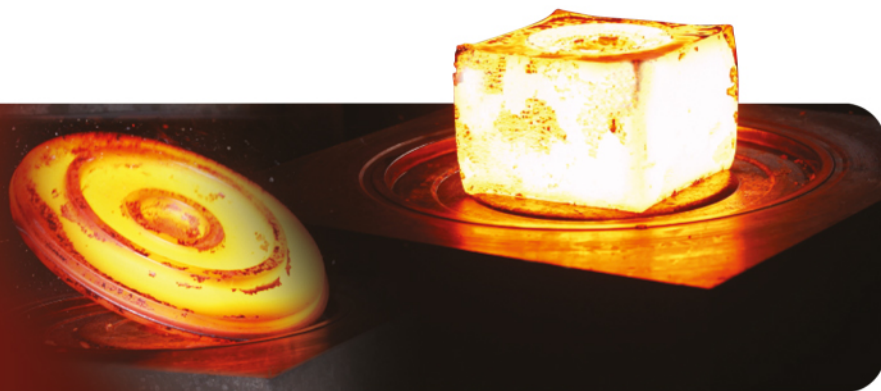


forging ahead...



Millennium
Forging Pvt. Ltd.

ABOUT US.....

MILLENNIUM FORGING PVT LTD, an ISO 9001-2008 Certified engineering company, was established in 1997 and started production, supply and services by 1998 to our valued customer in India. Now we are specialize in close die forgings, ring rolling and fully machined products for our global customers. We have close die forging & ring rolling facilities equipped with necessary material testing laboratory. We also have CNC machining facility to serve desired quality goods in schedule time at reasonable cost.

We are located in the industrial hub of Rajkot - Gujarat - India. We are trusted supplier of various forged, machined and assembled products to our customers in industries like Automotive, Oil & Gas, Power & Energy, Construction, Earthmovers, Marine, Railway, Industrial goods and so on...

THE VISION...

We look forward to cater forging requirements of various sectors with emphasis of TQCQ (Time, Quality, Cost and Quantity), with assurance of value for money to our customers.





CAPABILITIES...

CLOSE DIE FORGING

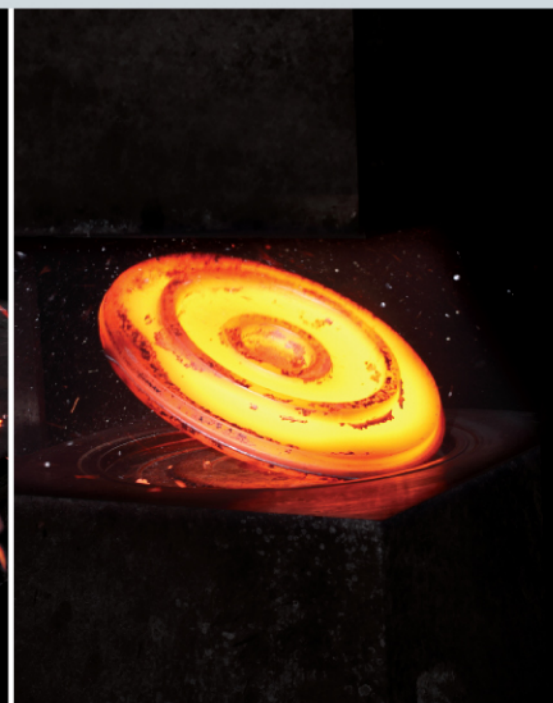
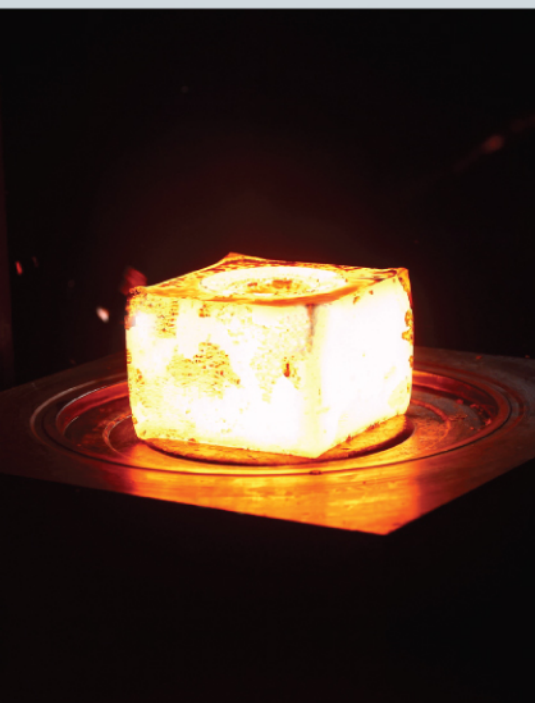
Our close die forging unit equipped with one Hydro Pneumatic Hammer and two Drop Forge Hammers, having total forging capacity of 7200 MT per annum. In-house billet cutting facility, die and tool room, material testing laboratory are in sync with forge-shop. We manufacture and supply round and profile jobs up to 50 kg. net weight per piece. We process Carbon Steel, Alloy Steel, Stainless Steel, Aluminum and Brass material as per customers' requirement.

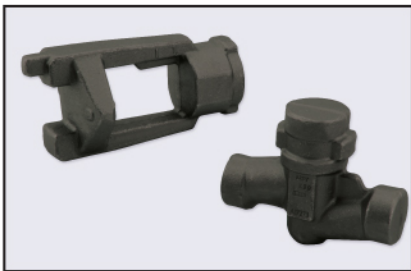
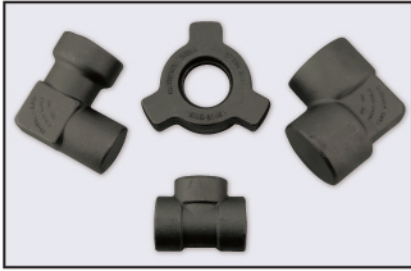
RING ROLLING

Our ring rolling shop equipped with three sets of ring manufacturing lines with annual capacity of 5000MT. which produced up to 600 mm diameter rings with up to 70 kg. weight per piece in different materials.

MACHINE SHOP

Our machine shop is equipped with high quality CNC Turning, VMC facility and adequate measuring equipments for extremely precise jobs. The machine shop is back bone of our close die forging and ring rolling shop to complete our buyers need of TQCQ - (Time, Quality, Cost and Quantity.)





PRODUCTS...

The operating environment of forging parts in Automobile, Power, Energy, Oil Field, Refineries, Earthmovers, Material Handling, Construction, Marine, Railways, Defense and General Industries can be extremely severe. Keeping this in mind, our engineers take painstaking efforts to develop the products with high reliability and performance, and fulfilling our customer's requirements for high productivity at low operating costs. Using the latest manufacturing technologies and experience in the field of forging and machining, we manufacture and deliver products which can bear heavy loads combined with shock loads, thus minimizing the maintenance requirements. Every product manufactured is the result of persistence in quality, giving it the cutting edge for that extra reliability.

Our expertise in the field of products, just to name a few...

- Automobiles : Crank Shaft, Connecting Rod, Yoke, Tie Rod, Ball Joint, Control Arm.
- Oil Field : Hammer union, Swivel joints, Flanges, Elbow, Tee, Cross, Unions.
- Valves & Pumps : Valve body, Bonnets, Gland Flanges, Rings, Shafts, Thrust Pad
- Transmission : Gears, Links, Coupling, Magnet Housing, Rotor, Shackle, Clevis
- Earthmovers & Mining : Bucket tooth, Adaptor, Bonnets, Links, Ball Joints
- General Eng. : Rings, Housings, Gears, Shafts, Links, Joints, Hooks, wheels

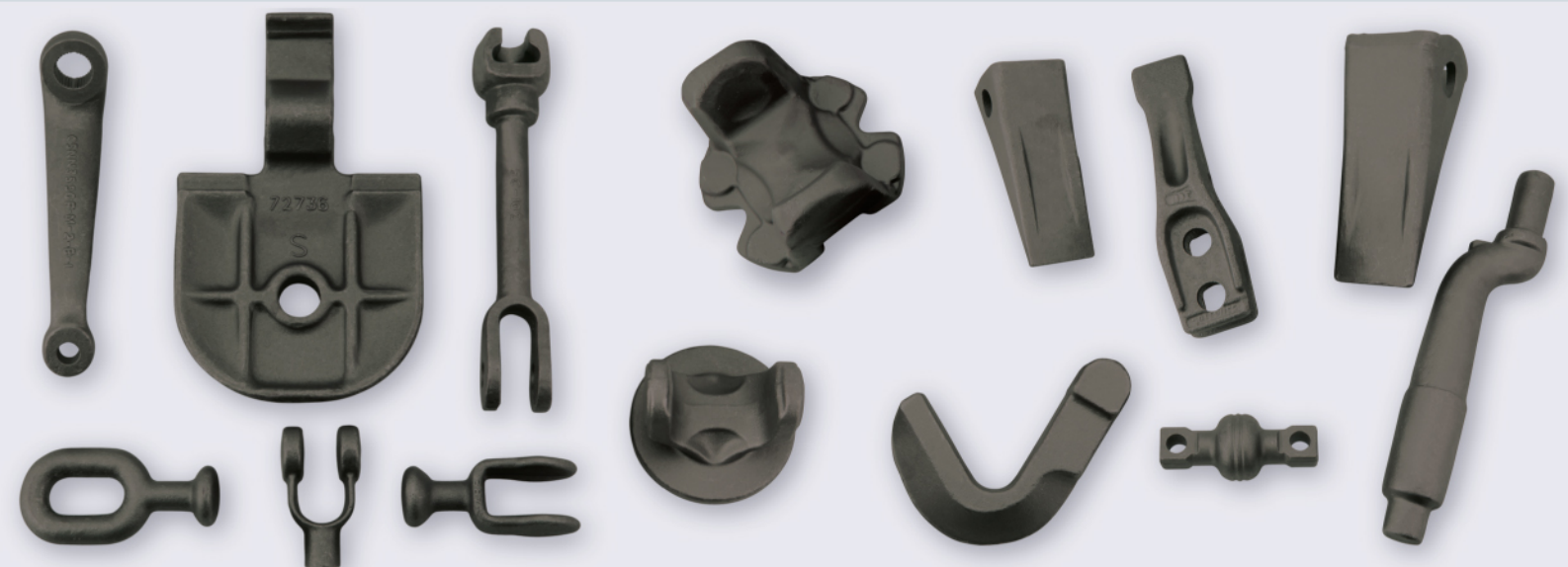
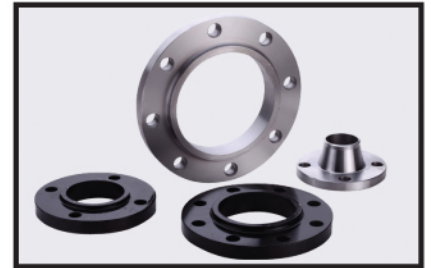




SPECIAL PRODUCTS...

We produce a wide variety of steel flanges and pipe fittings meeting international standards and specifications. We produce and supply about 2000 MT of flanges and fittings per annum to our customers in India, USA, Germany, UAE, Morocco etc... Flanges and fittings have about 30% share of our total production.

- Flanges Standard : ANSI/DIN/BS/MSSP/JIS/GOST/AWWA etc....
- Type of Material : Carbon Steel, Alloy Steel, Stainless Steel, Aluminum and copper alloys etc...
- Grade Of material : A-105, A-181, A-182 F1 / F2 / F5 / F6 / F9 / F11 / F12 / F22...
A-182-F304 / F304L / F310 / F316 / F316 / F316L / F347...
A-350-LF1 / LF2 / LF3...
- Types of flanges : Weld neck / Slip-on / Socket Weld / Lap Joint / Threaded / Blind / Orifice Flanges etc...
- Pressure Rating : 150 / 300 / 600 / 900 / 1500 / 2500 PSI, 6/10/ 16/25/40 Bar.
- Sizes : ½" to 12' (15 mm to 300 mm Nominal bore)
- Fittings : Elbow/Tee/Cross etc as per standard ANSI B 16.11 and else...





QUALITY...

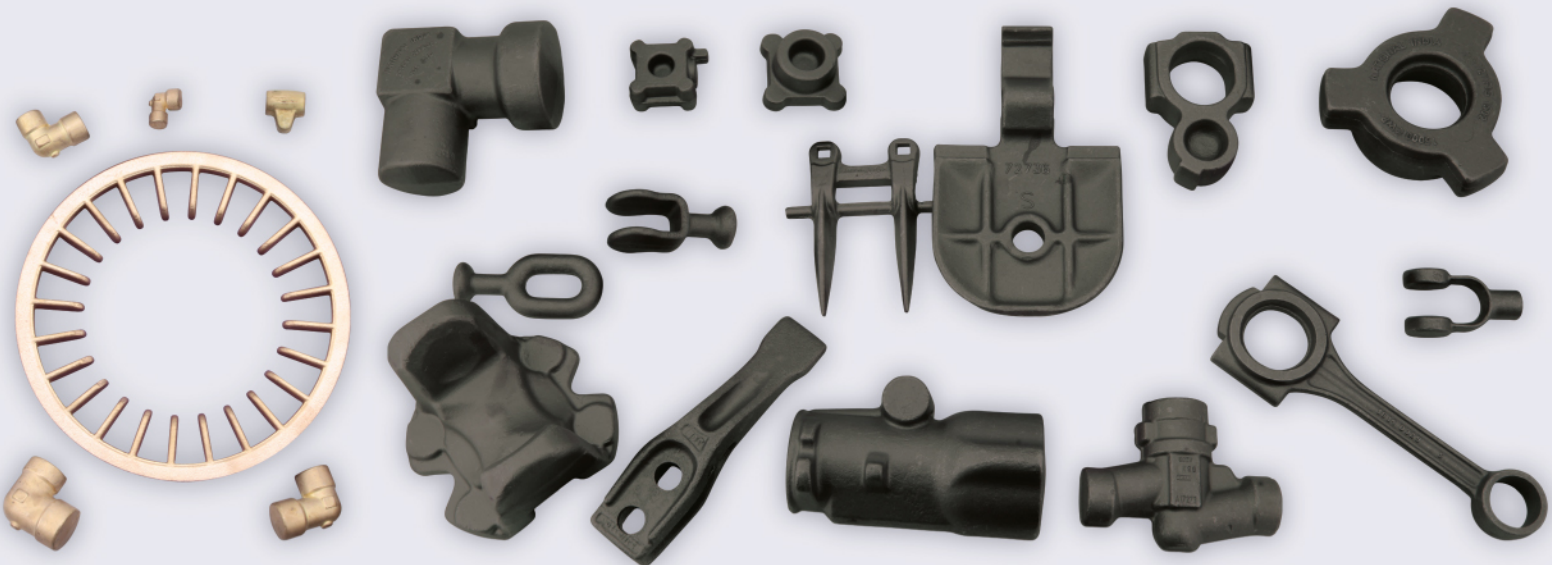
Our approach towards quality is based on sound principles with focus on the customer requirements. We believe that good quality is the natural product of a stable process and hence improving process capability is the key to improve quality.

Our crucial inspections stages are implemented at three levels a) Incoming Material inspection, b) Process inspection and c) Final product inspection. We maintain complete traceability record for work in progress in line with ISO 9001/2008 management system. We have following apparatus for the testing and inspection purpose.

- Universal Testing Machine - Tensile Strength / Compression / Bending test
- Impact Testing Machine - Izod / Charpy test
- Hardness Testing Machine - Surface Hardness Test BHN / HRC
- Metallurgical Microscope & Polishing equip. - Micro structure analysis.
- Die penetrate test Kit - Macro analysis / Crack detection

QUALITY POLICY

Millennium Forging Pvt Ltd is committed to satisfy customers through quality of products, timely delivery with contant adherence to continual improvement of quality management system.



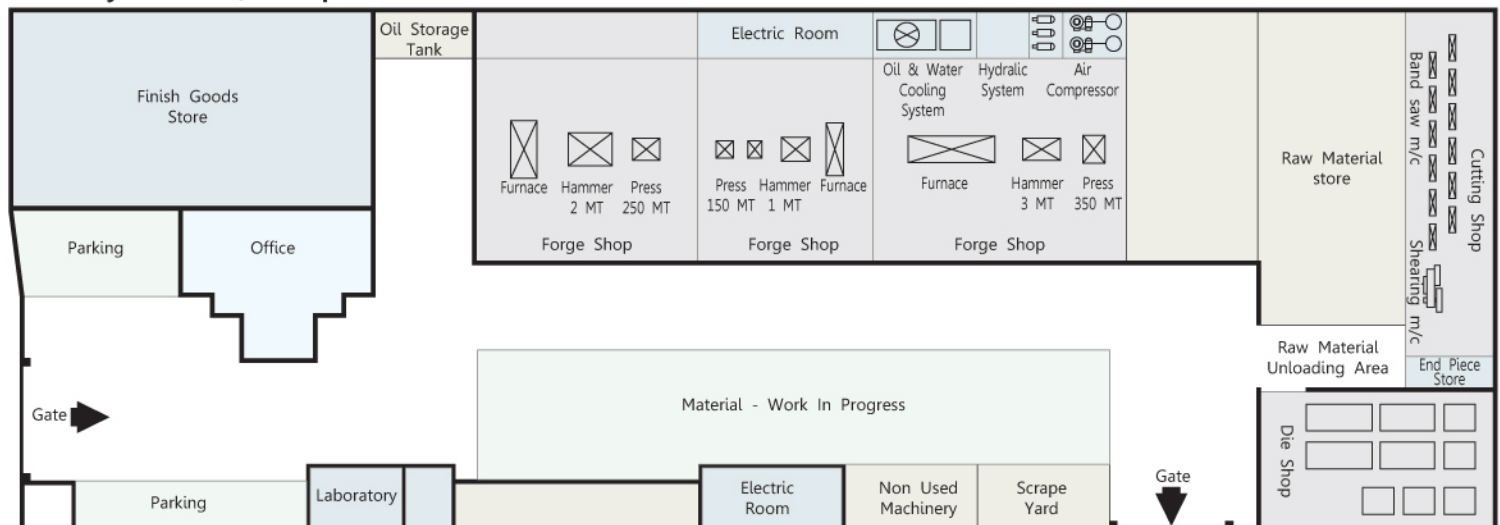


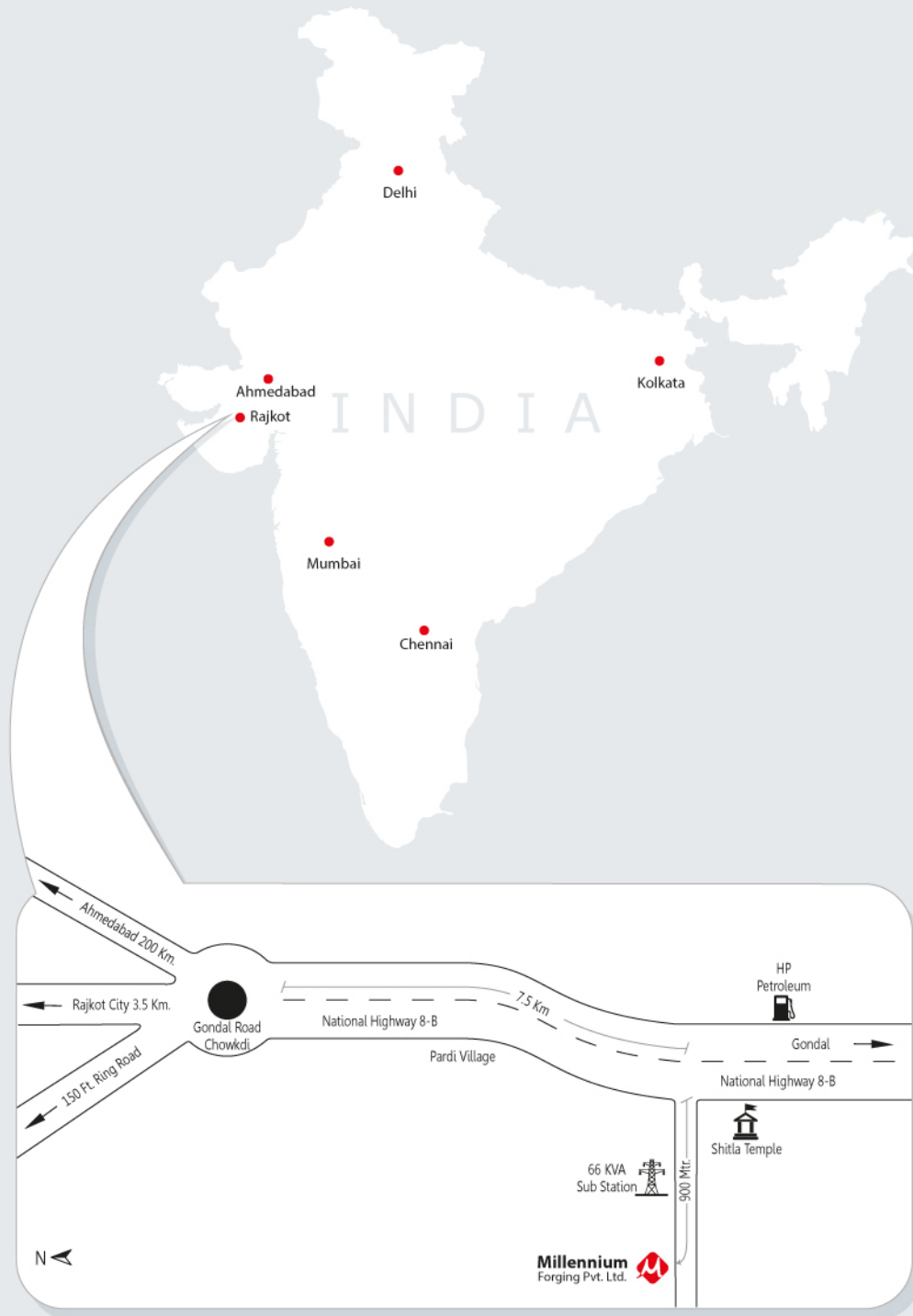
MAJOR PLANT AND MACHINERY

Description		Capacity	Description		Capacity
Forge Shop	Hydro pneumatic Hammer	3 MT	Material Testing	Universal Testing Machine	40MT
	Drop Forge Hammer	2 MT		Impact Testing Machine	30 J
	Drop Forge Hammer	1 MT		Hardness Tester -BHN	Standard
Cutting Shop	Billets Shearing Machine	125 mm		Metallurgical Microscope	1 X 1000
	Band saw Machine	350 mm	Ring Rolling Shop	Ring Rolling Line	450 MT
	Gas Cutting Apertures	300 mm		Ring Rolling Line	400 MT
Die shop	Vertical Machining Centre	1000x800		Ring Rolling Line	200 MT
	Milling Machine	1000x801		CNC Turning Centre - 9 No.	250 mm
	Shaping Machine	36" Stroke	Machine Shop	Vertical Machining Centre	1000x800
	Lathe Machine	21' Length		Conventional Lathe	450 mm
Heat Treatment shop	Normalizing Furnace	3MT / Batch		Drilling Machine	50 mm
	Hardening Furnace (O/S)	3MT / Day	Investment Casting	Induction Melting Furnace	300 Kgs.
	Tempering Furnace (O/S)	3MT / Day		Induction Melting Furnace	120 Kgs.

Group Company			
Year of Establishment	2002	2004	2015
Activity	Seamless ring rolling	Machining	Investment casting
Capacity	400 MT / Month	600 MT/Month	70 MT/Month

Plant Lay Out - 40,000 Sq. Ft.





Millennium
Forging Pvt. Ltd.

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