



SUPER AUTO INDUSTRIES

Forged, Machined & Precision Components



An ISO 9001 BSCIC NABCB QM 030
Certificate & Rated FORGING PLANT

MANUFACTURERS OF
Forged, Machined & Precision Components



SUPER AUTO INDUSTRIES
manufacturers of precision components



SUPER AUTO INDUSTRIES



Spread in 28000 sq. ft.



Spread in 24000 sq. ft.



COMPANY PROFILE

Super Auto Industries & Super Forge are highly engineered hot impression close die forging Products serve global manufacturers with critical application solutions. We are producing the Components and assemblies since 2002 for major OEMs. We have achieved the status of the single Source supplier for many parts by providing high quality, competitive price, on-time delivery and Prompt response. Our commitment to customer satisfaction is backed by extensive experience in The field and motivated team of professionals.

We have excellent closed forging manufacturing facility equipped within in the house too room, heat Treatment, testing lab etc. Also have the CNC, VMC machining centers as well as conventional Machine to supply duly machined forgings & assemblies. Super auto industries have the unique Advantage of highly flexible production processes across a broad range of equipment sizes. We Are providing 30 grams to 7 Kg job under one roof.

We are to forge symmetrical as well as asymmetrical shapes with emphasis on optimizing material Yields. We can do more work with less tonnage as a result of our engineering and die expertise. Often this can result in cost savings for our customers. Please take a few minutes to explore our Site to learn more about our company.



Technical Detail

Low carbon steel	: SAE1018, EN1A, SAE1020, EN32B etc.
Medium carbon steel	: EN8, EN9, SAE1040, SAE1141, SAE1541, S43c etc.
Alloy steel	: 20MnCr5, EN353, SAE4140, EN24, SAE4340, 42CrMo4, SAE8620, 40Cr4, SCM420 etc.
Stainless steel	: SS202, SS410, SS304L, SS316L
Alloy steel	: HE15, HE30, 6061, 2014, 7075 etc.

Other then above, we can forged any Metal compositions as per **SAE, IS, DIN, JIS, BS** or International standards.

Closed die forging size : 450mm - 200mm - 125mm
Weight capacity : 30 grams to 7 kg single piece
Dimension Tolerance : As per IS:3469 std.

We can forge any kind of
ferrous & Non-ferrous Metal
as per Customer specifications.



QUALITY

RECEIVING INSPECTION OF PURCHASED PRODUCTS

- Chemical and Physical testing of each lot as per control plan with Reference to raw material
- Standards available for purchase bright bars, forgings, castings & other assembly spares
- Dimensional inspection of purchase bright bars, forgings, castings and other assembly spares

IMPROCESS INSPECTION

- Set-up approval of the manufacturing process as per defined control plan with reference to drawing
- Prepared In Process inspection as per defined control plan with reference to drawing prepared On hourly basis Separate Identification and traceability of non-conforming products at Impresses stage.

FINAL INSPECTION

- 100% Visual inspection on each Lot produced as per defined plan with reference to Visual Defects like operation missing, rusts, blow holes, rough finishing, dent marks, tool marks and Forging defects.
- Sampling dimension inspection of all critical dimensions as per defined control plan with Refer to drawing prepared.
- 100% dimensional inspection of major critical dimensional of small tolerance as per defined Control plan with reference to drawing prepared.
- Separate Identification and traceability of non-conforming products as final stage

PRE-DISPATCH INSPECTION

Pre-dispatch inspection before delivering the lot to the customer as per customer requirements along With an inspection report as separate identification of inspection of inspecting samples with Reference to customer or internal drawing

Thought the integrated development of our team,
to grow as a preferred manufacturing
solution service to selected markets, anticipating rapidly changing
customer needs and responding with
world class performance.



Vision

To be the most successful and respected industrial speciality Engineering company in the world

Mission

Our commitment is to consistently review and improve all aspects of our business and Relationships for both Internal and External customer.

Core Values

- Customer Delight
- Excellence
- Integrity and Honesty
- Continuous Improvement
- Team Work
- Innovation



BUILDING OUR BUSINESS AROUND YOUR NEEDS

Our dedication to customer satisfaction is supported by numerous programs and resources, designed to ensure that you receive quality products and services,

We offers

1. Dedicated technical expertise
2. Near net shapes and customized quantities
3. Program management
4. Fast delivery and breakdown service
5. Avast inventory of materials and tools
6. Value-added, secondary services
7. World class forging component manufacturer
8. Best in class manufacturing practices
9. 100% Satisfaction through excellent customer service
10. Wide product range and machined forgings
11. Competitive reasonable rate
12. Total quality management
13. Provide community Service
14. Committed for timely delivery

PRODUCTION CAPACITY

400 Metric Ton/Month
Forging Capacity

Forging JOB
Capacity Form
30 grams to

7KGS



INFRASTRUCTURE

METALLURGICAL LAB

Sr. No.	Equipment Name	Make	Qty.
1	Analystical Electrically operated weight balance	K-Roy	1
2	Muffle Furnace	-----	1
3	Hot Plat	Mitutayo	1
4	Rockwell hardness tester	4"x2.5"	2
5	Metallurgical microscope with image analyser software	Mata-tech	1
6	Disc polishing machine	Vardhman	1
7	Batch cutting machine	-----	1
8	Brinell hardness tester	Blue star	1
9	Metal Spectroscope	Feedback	1
10	Magnetic Particle Inspection	Magnafied-2000AMP	1

DIE SHOP

Sr. No.	Equipment Name	Capacity	Make	Qty.
1	Vertical Machining Center-VMC	Model-850	Jyoti	1
2	Vertical Milling Machine	VM-4	Toss& Singer	2
3	Lathe Machine	15"FT	Dharam	2
4	Shaping Machine	30"	Sagar	2
5	Air Compressor for die finishing	44 CFM	ELGI	2
6	Die Grinder	6.0 MM	CP	4
7	AC Welding Machine	400 AMP	Vulcan	2
8	DC Welding machine	400 AMP	Imported	1



FORGE SHOP

Sr. No.	Equipment Name	Capacity	Make	Qty.
1	Drop Hammer	1000 Kg.	N.K.H	1
2	Drop Hammer	750 Kg.	Massey	1
3	Drop Hammer	500 Kg.	Ratan	1
4	Friction Screw Press	200 Ton	Birson	1
5	Screw Press	200 Ton	Dharam	2
6	Screw Press	150 Ton	Dharam	2
7	Induction Heating	120 Kva	Plazma	1
8	Induction Heating	80 Kva	Plazma	2
9	Induction Heating	40 Kva	Sapet	2
10	Induction Matel Gethering	75 Kva	Crystel	1
11	Induction Matel Gethering	45 Kva	Crystel	1
12	Box Furnace	750 Kg/hr.	-----	1
13	Box Furnace	500 Kg/hr.	-----	1
14	Box Furnace	250 Kg/hr.	-----	1
15	Trimming Power Press	10 Ton	Alfa	2
16	Trimming Power Press	20 Ton	Shailesh	1
17	Trimming Power Press	50 Ton	Alfa	1
18	Trimming Power Press	50 Ton	Shailesh	2
19	Trimming Power Press	100 Ton	Mankoo	1
20	Trimming Power Press	150 Ton	Mankoo	1
21	Air Compressor	5 Hp.	Suvidha	3
22	Air Compressor	44cfm.	ELGI	2
23	Billet Shearing Machine	4"	Ratan	1
24	Billet Shearing Machine	3"	Ratan	1
25	Billet Shearing Machine	2"	Ratan	1
26	Billet Shearing Machine	1.5"	Alfa	1
27	Power Press	50 Ton	Shailesh	1
28	Hacksaw Machine	18"	-----	4



MEASURING DEVICES

Sr. No.	Equipment Name	Capacity	Make	Qty.
1	Slip gauge	Class II	Mitutayo	1
2	Height gauge	400 MM	Mitutayo	2
3	Universal Wice	3"	-----	1
4	Combination Set	Mitutayo	Mitutayo	2
5	Surface plate	4"x 2.5"	-----	2
6	Bevel protector	Mitutayo	Mitutayo	2
7	Vernier	200 MM	Mitutayo	4
8	Vernier	300 MM	Mitutayo	2
9	Radius gauge	UPTO,7MM,7-14MM	-----	2
10	Inside & Out side caliper	200 MM	-----	3

FETTLING

Sr. No.	Equipment Name	Capacity	Make	Qty.
1	Bench Grinder	14"	-----	4
2	Belter	12"	-----	1

HEAT TREATMENT

Sr. No.	Equipment Name	Capacity	Make	Qty.
1	Bogie type continuous(Normalizing)	1000 Kg.	THERMOGRAFIX1	1

SHOT BLASTING MACHINE

Sr. No.	Equipment Name	Capacity	Make	Qty.
1	Shot Blasting Machine	24x38(Tumbler Type)	-----	1

CNC MACHINING

Sr. No.	Equipment Name	Capacity	Make	Qty.
1	CNC Truning Center	Dia.350	Ace	2
2	Vertical machining center-VMC	AMS-450	Ace	1
3	Vertical machining center-VMC	S - 650	Supermax	1
4	CNC Wirecut	Ezeecut Nxc	Rtanaparkhi Nasik	1



PROCESSES

Engineering & Design



Die Manufacturing & Inspection



Raw Material Testing



Raw Material Cutting



Heating



Forging



Heat Treatment



Post Operation-
Shot Blasting & Fettling



Crack Detection -
Hardness & Quality Inspection



CNC Machining...



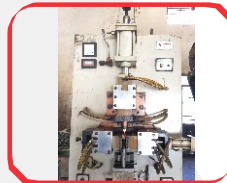
Bar - Stock



Die - Manufacturing



Pop - Inspection



Induction Heating



Hammer Forging



Press Forging



Heat Treatment



Hardness Tester



CNC Machining



PRODUCTS



**AUTO CLUTCH
PARTS ASSLY**



AUTO CROSS



**AUTO PARTS
CLAVIS & YOKE**



AUTO R.L. PLATES



AUTO TIE ROD



AUTOMOTIVE HUB



BRACKETS



ENGINE FLANGES



**ENGINE
CAMSHAFT**



RAIL PART



GENERAL ENGINE PARTS



ROCKER ARMS



**SEMI FINISHED
ENGINE PARTS**



TRACTOR PARTS



TRACTOR AUTO PINS



FLANGES



GEARS



**LISTER ROCKER &
LEAVERS**



TRANSMISSION PART



TRANSMISSION PART



TRANSMISSION PART



**PETTER ENGINE
ROCKER & LEAVERS**



NON-FERROUS



**SEMI-FINISHED
GAS-PARTS**



SUPER AUTO INDUSTRIES

Forged, Machined & Precision Components

SUPER AUTO INDUSTRIES,
Plot No. 2518,
Kranti Gate Main Road,
Road No. H Corner,
G.I.D.C. Lodhika,
Vill. Metoda 360 021, Tal. Lodhika,
Dist. Rajkot(Gujarat), India.

info@superautocomponent.com
superauto2004@gmail.com
Tel. +91 2827-287215
Amit Kalaria: +91 98985 56199
+91 98242 98563



SUPER FORGE,
Plot. No. 2756/57,
Kranti Gate No. 1, Road no.II,
G.I.D.C. Lodhika,
Vill. Metoda 360 021, Tal. Lodhika,
Dist. Rajkot(Gujarat), India.

Tel: 02827-287115
Email: superforge2004@yahoo.com
Bhavesh Patel: +91 98254 25199
Amit Patel: +91 9375555955

www.superautocomponent.com

MANUFACTURER OF QUALITY FORGED COMPONENTS