

INDUSTRIES We Serve

- Aeronautical & Aircraft Components
- Automotive Components
- Food, Pharma & Beverage Machine Components
- Agriculture Parts
- Gas Turbines Components
- General Engineering Components
- Hardware & Space Frame Components
- Industrial Valves And Pumps
- Mechanical Parts
- Non Ferrous Component
- Oil Field Equipment Components
- Orthopedic Implants
- Power Plant
- Prototype Service
- Pump & Impellers
- Railway Components
- Textiles Machine Components



Feinguss ♦ Micro Fusione

**EXCEED
YOUR VISION**



Survey No. 54-P2, Plot No. 01, Near. Toll Plaza, B/h. Tulsi Agro, Bharudi Road,
Village: Pipaliya, **Taluka:** Gondal, **Dist.** Rajkot - 360 311 (Gujarat, India)

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ABOUT The Company



Amtech Technocast (ATC) is a versatile manufacturer, capable of producing highly customized products in the field of Investment Casting. Catering to quality-conscious niches, we compete against top-of-the-league. With a mission to deliver quality Investment casting products worldwide to the customers, our team is constantly developing new grades and applications to maintain and enhance our leading position. Consistent with the vision and values, Amtech Technocast strives to rise to the new challenges and setting new standards to celebrate the delight of our customers by providing best possible products. The means envisaged to achieve this are high technology, productivity and manpower, consistent with modern management practice.

WE Export To



UK



Australia



USA



Germany



Spain



Malaysia



Saudi Arabia



Netherlands

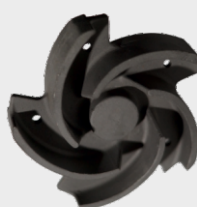


Canada



New Zealand

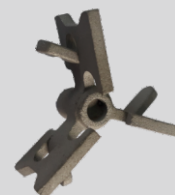
Industrial Valves & Pumps



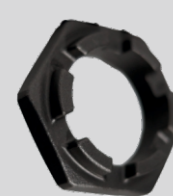
Agriculture Parts



Food, Pharma & Beverage



General Engineering



Tools Parts



Railing Components

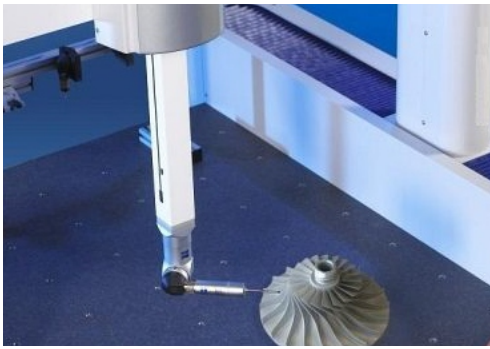


Railway Components



MACHINE SHOP Details

SR. NO.	MACHINE	MAKE	MODEL / SIZE	QTY.
1	CNC	ACE DESIGN	JOBRES XL (D=200 x L=300mm)	8
2	CNC	ACE DESIGN	MEGA JOBRES (D=200 x L=300mm)	4
3	VMC	JYOTI	850 (800 x 500 x 500mm)	1
4	VMC	JYOTI	1260 (1220 x 580 x 600mm)	1
5	VMC	ACE	MCV-450 (640 x 450 x 500mm)	1
7	Engraving Machine	Assembled	(350 x 250 x 500mm)	1
6	Drilling Machine	DYNAMIC	½" & 1"	4
7	Tapping Drilling machine	PARFECT	-	1
8	LATHE	-	-	3



GENERAL CASTING Tolerance

DIMENSIONS (mm)		PRECISION GRADE			
		NORMAL		PREMIUM	
From	To	Deviation + or -	Tolerance Range	Deviation + or -	Tolerance Range
	6	± 0,10	0,20	± 0,08	0,16
6	10	± 0,12	0,24	± 0,10	0,20
10	14	± 0,15	0,30	± 0,12	0,24
14	18	± 0,20	0,40	± 0,14	0,28
18	24	± 0,25	0,50	± 0,17	0,34
24	30	± 0,30	0,60	± 0,20	0,40
30	40	± 0,36	0,72	± 0,25	0,50
40	50	± 0,42	0,84	± 0,30	0,60
50	65	± 0,49	0,98	± 0,35	0,70
65	80	± 0,58	1,16	± 0,42	0,84
80	100	± 0,68	1,36	± 0,48	0,96

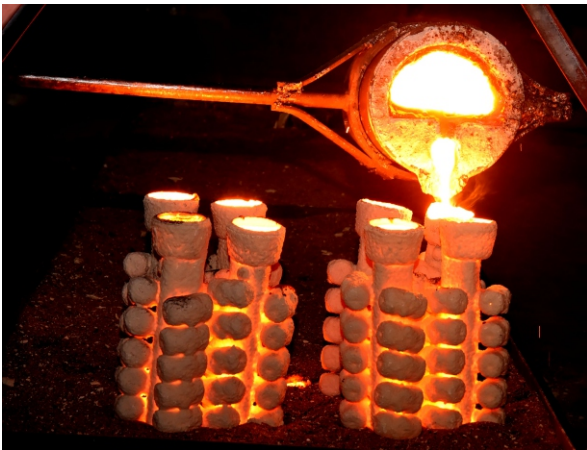
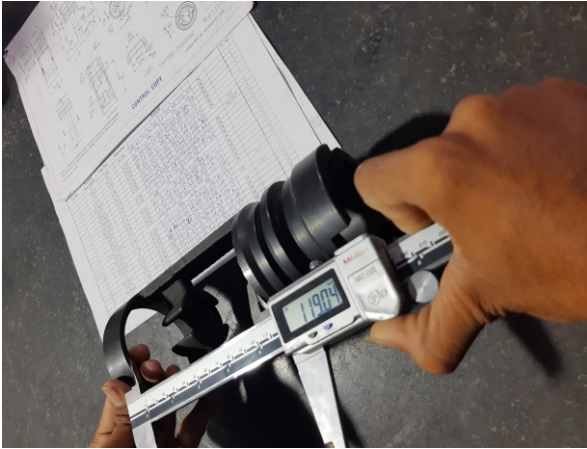
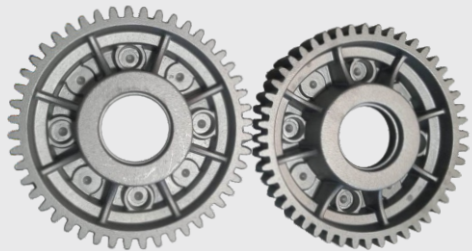
General Flatness tolerance is ± 0,25 up to 100 sq.mm of surface area.

TECHNICAL Capabilities

Sr No.	Material	Astm Specs	Grades	DIN	AISI
1	Carbon Steel	A 27/A 27 M A 216/A 216M A 356/A 356M A 732/A 732M A 148/A 148M A 757/A 757M A 217/A 217M A 352/A 352M A 389/A 389M A 356/A 356M	All Grades WCA, WCB, WCC 1, 2, 5, 6, 8 1A, 2A, 2Q, 3A, 3Q, 4A, 4Q, 5N, 7Q, 8Q, 9Q, 10Q, 12Q, 13Q, 14Q 80-40, 80-50, 90-60, 105-85, 105-85, 115-95, 135-125, 150-135, 160-145, 165-150, 165-150L, 210-180, 210-180L, 260-210, 260-210L A1Q, A2Q, B2N, B2Q, B3N, B3Q, B4N, B4Q, C1Q, E1Q, E2N, E2Q, E3N WC1, WC4, WC5, C5, C12, WC1 1 WC6, WC9, CA-15 LCA, LCB, LCC, LC1, LC2, LC3, LC4, LC9 C23, C24 1,2,5,6,8,9,10,12A	1.0619 1.0619+N 1.0619+QT 1.1138/1.5419 1.7356/1.7379 1.7363	1030/1020 1020
2	Ferritic Stainless Steel	A 743/A 743M	CB-30, CC-50		
3	Martensitic Stainless Steel	A 352/A 352M A 356/A 356M A 487/A 487M A 743/A 743M A 217/A 217M	CA6NM CA6NM CA15-A, CA15-B, CA15-C, CA15-D, CA15M-A, CA6NM-A, CA6NM-B, CA-15, CA-15M, CA6NM, CA-40, CA6N	1.4008 1.4028/1.4313	SS 410 SS 420
4	Austenitic Stainless Steel	A 351/A 351M A 743/A 743M A 744/A 744M A 447/A 447M A 297/A 297M	CF-3, CF-3A, CF-8M, CF-3MA, CF-8C, CF-10MC, CK-20, HK-30, HK-40, HT- 30, CN-7M, CT -15C, CF-8C, CF-8A, CF-8M, CF-10, CF-10M, CG-8M, CH-8, CH-10, CH-20 CF-3, CF-3M, CF-3MN, CN-3M, CF-8, CG-12, CF-20, CF-8M, CF-16F , CH-20, CG-8M, CE-30, CF-8C, CN-7M, CN-7MS, CK-20, CA-6NM CF-3, CF-3M, CF-8C, CN-7M, CN-7MS, CF-8C, CN-7M, CN-7MS, Type-I, Type II HH, HK, HE, HT , HU	1.4308/1.4408 1.4306/1.4404 1.4409/1.4827 1.4431/1.4435 1.3964 1.4588/1.4527 1.4412/1.4317 1.4843/1.4500	SS304/SS316 SS 304 L SS 316 L SS 2205 Alloy 20
5	Duplex Stainless Steel	A 351/A 351M A 743/A 743M A 890/890 M	CD-4MCU CD-4MCUN GR-1A, GR-1B, GR-1CGR-2A, GR-3A, GR-4A, GR-5A, GR-6A	1.4460/1.4470 1.4462/1.4469 1.4468/1.4517	
6	Precipitation Hardened Stainless Steel	A 747/A 747M	CB7CU-1, CB7CU-2,	1.4525	SS 2507 SS 17-4 PH
7	Nickel-base Super Alloys	A 494/A 494M A 560	CW -12MW, CY -40, CZ-100, M-35-1, M-35-2, M-30C, CX-2M N-12MV, N-7M, CW -6M, M-25S, N3M, CY-4-0, CW12MW, CW -6MCCW-2M, CX-2MW, Cu5MCuC	2.4365 2.4816/2.4686 2.461/2.4856 2.4602/2.4858 2.4813	Monel Hast alloy B,C Inconel 625 Inconel 825 Inconel 718
8	Cobalt Base Alloy		STELLITE		

Other than above, in general we can cast any material compositions as per customers specification meeting to any of the standards i.e. EN, GHOST, JIS, IS etc.

MACHINED Components



QUALITY CONTROL Facility

Equipped with latest equipments to verify that all incoming as well as finished products are as per specifications. Operated by Qualified and experienced staff. We do online molten metal checks of every heat to meets customer's specification.

- Online Chemical test Sampling
- A sampling of in-house capabilities include
- In house Mechanical Testing
- Heat Treating
- In house mechanical testing
- Design Assistance
- Non-Destructive Testing
(ASNT LEVEL II APPROVED INSPECTOR IN RT, UT, MPT & LPT)
- Technical Assistance
- CMM (Make : Carl Zeiss)
Accuracy 2 Micron



Spectrometer
ARL-3460 OES (Fe, Ni & Co base)

Our Capability

Single Piece Size	: 750x750x600mm
Single Piece Weight	: 25 Gms. to 100 Kgs.
Production	: 60 MT/Month
Spare	: 40 MT/Month
Land Area	: 6400 Sq.Meters (Built up), 6400 Sq.Meters (Expandable)



Tensile Testing Machine 20 Tons Cap.
Calibration under TUV witness
(Cast Speciman from each heat tested mechanically)

IMPORTANT PROCUTION Machines

- 35 Ton Automatic Injection Machines
- 300 X 2 Kg Melting Induction Furnace (450 Kw)
- Steam Autoclave Dewaxing
- Rotary Hearth Shell Sintering Furnace
- 1 Ton Capacity Heat Treatment Furnace
- Leak Testing Machine
- Glass bead blasting Machine
- Measuring Instruments from Mittutoyo and Mahr make.
- In house machine shop



Hardness Tester



Impact Testing Machine

Calibration under TUV witness
(Testing temp.up to-196 °C)

COMPANY Certificate

