



Company

Profile



Sevenloop is a one-stop solution for **Metal Castings** and **Bar Stock Machined** products. We manufacture with all materials and processes.



Metal Castings

- Iron, Steel, Aluminium, Zinc
- Sand, Investment, Shell Mould, Die-Casting (GDC, HPDC)
- 50g to 5MT single casting
- 12,000 MT Capacity



Machining

- 5-Axis, Conventional
- CNC, VMC, HMC, VTL
- Milling, Drilling, Grinding
- Coating, Assembly



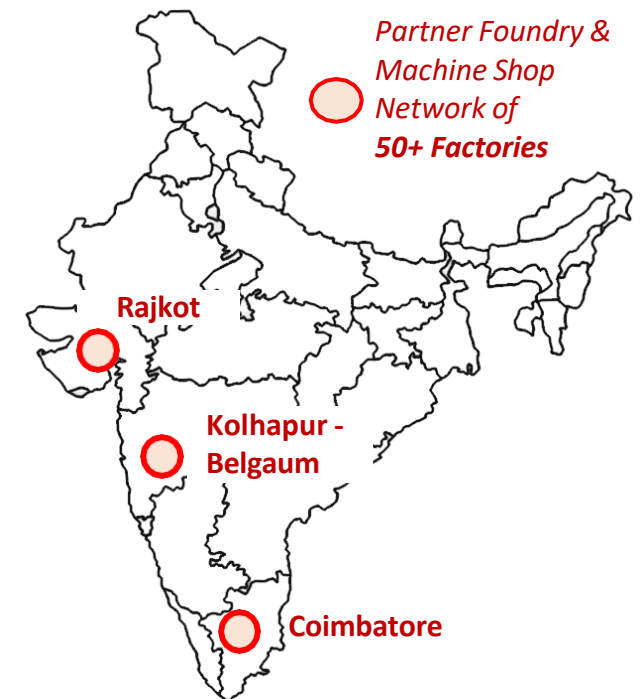
Tooling & Development

- Pattern/Tool Development
- Rapid Prototyping
- Simulations, Methoding
- Cost Reduction, Reverse Eng.






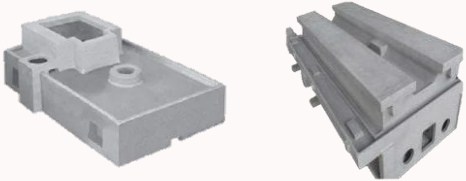




Testing & Quality Control

- NDT, RT
- Spectrometry
- Brinell, Rockwell, Impact
- IGCT, Micro-Structure Analysis



...with **100%** timeline/lead time commitment

Product Portfolio & Industries Serviced (1/2)

Industries	Application	Products
<p>Automotive</p> 	<p>Engine Blocks, Cylinder Heads, Transmission Cases, Brake Calipers, Wheels and more</p>	
<p>Machine Tools</p> 	<p>Tool holders, Machine Beds, Columns, Chucks, and Spindle housings and more</p>	
<p>Pumps & Valves</p> 	<p>Pump Housing, Impellers, Ball Valves, Gate Valves, Globe Valves, Plug Valves, Fittings and more</p>	
<p>Agriculture</p> 	<p>Engine Blocks, Cylinder Heads, Sprinkler Bodies, Gearbox Housing and more</p>	

Our Foundry Partners are **Certified with Global Quality Agencies**, ensuring **100% Compliance** with global manufacturing and quality standards



ISO 9001-2015



**AD-2000
MERKBLATT**



Our Team of Experts



Design & Optimisation
Exp: 15+ years



Advanced Simulation
Exp: 15+ years



Die / Pattern Design
Exp: 15+ years



Metallurgy
Exp: 20+ years



Quality Management
Exp: 10+ years

Technical Facilities Available



Inspection
CMM / 3D Scanning / Printing

Detailed Portfolio – Material Grades and Weight Ranges

Casting type	Sand Casting (Gray / Ductile Iron)	Sand Casting (Steel)	Investment / Shell- Mould Casting	Aluminium GDC / HPDC	Zinc Di-Casting
Processes & Moulding Lines	<ul style="list-style-type: none"> Green sand No Bake CO2 Auto & Manual Lines 	<ul style="list-style-type: none"> Green sand No Bake CO2 Auto & Manual Lines 	<ul style="list-style-type: none"> Catering to all customer requirements 	<ul style="list-style-type: none"> GDC HPDC Sand casting 	<ul style="list-style-type: none"> Die Casting Hot Chamber
Furnace Sizes	<ul style="list-style-type: none"> 300 Kg to 3 MT 	<ul style="list-style-type: none"> 300 Kg to 2 MT 	<ul style="list-style-type: none"> 100 Kg to 2 MT 	<ul style="list-style-type: none"> 300 Kg to 1 MT 	<ul style="list-style-type: none"> 300 Kg to 1 MT
Weight range	<ul style="list-style-type: none"> 1KG – 100KG 100KG – 5MT 	<ul style="list-style-type: none"> 5KG – 3MT 50KG – 7MT 	<ul style="list-style-type: none"> 50GM – 70KG 	<ul style="list-style-type: none"> 1KG – 20KG 100GM – 3KG 1KG – 50KG 	<ul style="list-style-type: none"> 10GM – 10KG
Material range	<ul style="list-style-type: none"> EN-GJL-200 / ASTM 35A EN-GJL-300 / ASTM A126 EN-GJS-400-15 / ASTM A536 EN-GJS-500-7 / ASTM 536-84 EN-GJS-600-3 / ASTM GGG-60 	<ul style="list-style-type: none"> ASTM A216 WCB / 1.0619 ASTM A352 LCC / 1.0619 ASTM A743 CF8 / CF8M / 1.4308 / 1.4409 ASTM A743 CF3 / CF3M / 1.4306 / 1.4404 ASTM A890 4A / 2CrNiMoN17122 ASTM A217 C12A / 1.4903 Inconel 625 LCF / UNS N06626 ASTM A351 CN7M / 1.45 		<ul style="list-style-type: none"> 46100 / ADC12 / A383 / Al-Si11Cu3 LM6 / A413 / G-ALSi12 LM4 / A319 / G-ALSi6Cu4 LM24 / A380 / G-ALSi8Cu3 Zinc Alloy 2 / Zamak 2 / ASTM AC43A Zinc Alloy 3 / Zamak 3 / ASTM AG40A Zinc Alloy 5 / Zamak 5 / ASTM AC41A Zinc Alloy 7 / Zamak 7 / ASTM AG40B ZA 8 ACuZinc5 	

Geographical Spread – Partner Foundries and Machine Shops

Location	Foundries	Machine shops	Support Works		
Kolhapur	14+ Foundries	5+ Machine Shops	3 Pattern Shops	3 Shell & Core Shops	1500 Sq. Ft. Warehouse
Coimbatore	18+ Foundries	6+ Machine Shops	3 Pattern Shops	5 Core and Shell Shops	3500 Sq. Ft. Warehouse
Rajkot	11+ Foundries	2+ Machine Shops	2 Pattern Shops	2 Die Manufacturers	3000 Sq. Ft. Warehouse
Belgaum	7+ Foundries	2+ Machine Shops	Integrated	2 Shell & Core Shop	N/A
Shivamogga	4+ Foundries	Integrated Machine Shops	Integrated	Integrated Core Shops	N/A

Detailed Capabilities – Machining

Location	M/C shops	Weight Ranges	Machines Availability						
			CNC	VMC	HMC	VTL	5 Axis	Conventional	Milling, Drilling Surface Grinding
Kolhapur/ Sangli	5 Machine Shops	50g to 2.5MT pc machining range (Experience in handling single span machining of upto 2.5m span)	Y	Y	Y	Y	Y	Y	Y
Belgaum	2 Machine Shops	50g to 500Kg single pc machining capability	Y	Y	Y	Y		Y	Y
Rajkot	2 Machine Shops	Single pc machining of intricate investment casting parts of upto 10g Finished Machining services of upto 7MT single pc	Y	Y	Y	Y	Y	Y	Y
Coimbatore	6 Machine Shops	10g to 5MT single pc machining has been handled	Y	Y	Y	Y	Y	Y	Y
Shivamogga	Integrated	0.5Kg to 500Kg single pc	Y	Y	Y	Y		Y	Y
Bangalore	2 Machine Shops	50g to 2.5MT single pc machining	Y	Y	Y	Y		Y	Y
Chennai	3 Machine Shops	50g to 2.5 MT single pc machining	Y	Y	Y	Y	Y	Y	Y

Partner Facilities - Glossary



Contact us

Please reach out to us at the below Email ID/ Phone number with your requirements or questions, and we will be happy to help and begin our engagement.



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