



Sintbush (India) Pvt. Ltd.

**Company
Brochure**



Our Legacy

Founded in 1987, Sintbush (India) Pvt. Ltd. was established by Mr. Sambasivan Narayanan. It was under his guidance and mentorship that Sintbush India soon became a leading manufacturer of high precision and quality powder metal parts.

With a monthly production capacity of 10 million parts, our ferrous and non-ferrous products cater to Automobile, Farm Equipment Sector, Home Appliance, Business Machine and Electrical Equipment industries.

A ISO 9001:2015 certified company, our philosophy is to provide unparalleled quality parts and services. From powder metallurgy design to production, we collaborate with our customers to offer industry specific solutions and operational excellence.



Our Production Capabilities



- ⚙️ Compaction presses ranging in size from 2 to 100 tonne.
- ⚙️ Sintering furnaces with temperature up to 1150° with complete SCADA control.
- ⚙️ Sizing presses ranging in size from 5 ton to 75 tonne.
- ⚙️ Copper infiltration, sinter hardening, high temperature sintering.
- ⚙️ Oil and resin impregnation, vibratory finishing, steam treatment, tumbling, deburring, plating and assembly operations.
- ⚙️ In-house tool and die shop and machining centers for efficient support of manufacturing of tooling and machining of sintered components.

Our Products

Our range of ferrous and non-ferrous products include:

Powder Metal Structural Components

Powder Metal Gears

Powder Metal Bearings & Bushes

Powder Metal Oil Pump Rotors (Gerotors)

Powder Metal Gasket Rings and Flanges

Powder Metal Lock Parts

Powder Metal Synchronizer

Powder Metal Piston and Connecting Rods

Powder Metal Marble Cutter Washer

Looking for a custom precision part?

We would be happy to talk to you to understand your requirement and develop a product to suit your needs.



Our Quality Assurance

Quality has been a part of our DNA since inception. And, we continually work towards standardizing quality of our products as well as services.

Our quality control system has been designed to ensure output in accordance with the set standards. All the products manufactured by us are examined using a range of prescribed processes. We use superior quality bronze and iron powders from certified vendors. With advanced tools, machinery, a SCADA controlled furnace, certified and calibrated metrology equipment along with required documentation methods enable us to meet customer expectations and requirements.

The processes and quality checks that are followed by our operators for regular monitoring during the production process include:

1. *Raw Material Testing:* Sieve Analysis, Flow Rate, Apparent Density
2. *Compaction:* Dimensional Control, Density Measurement, Green Density
3. *Sintering:* Percentage Growth, RCL (Radial Crushing Load), Hardness
4. *Oil Impregnation:* Oil Impregnation Percentage
5. *Final Inspection, Packaging and Transportation*

Once the production process is complete, the products are examined by our team of experience quality checkers who scrutinize every piece for any manufacturing defects. The approved order is then dispatched with a complete QC report.



Our Contact

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