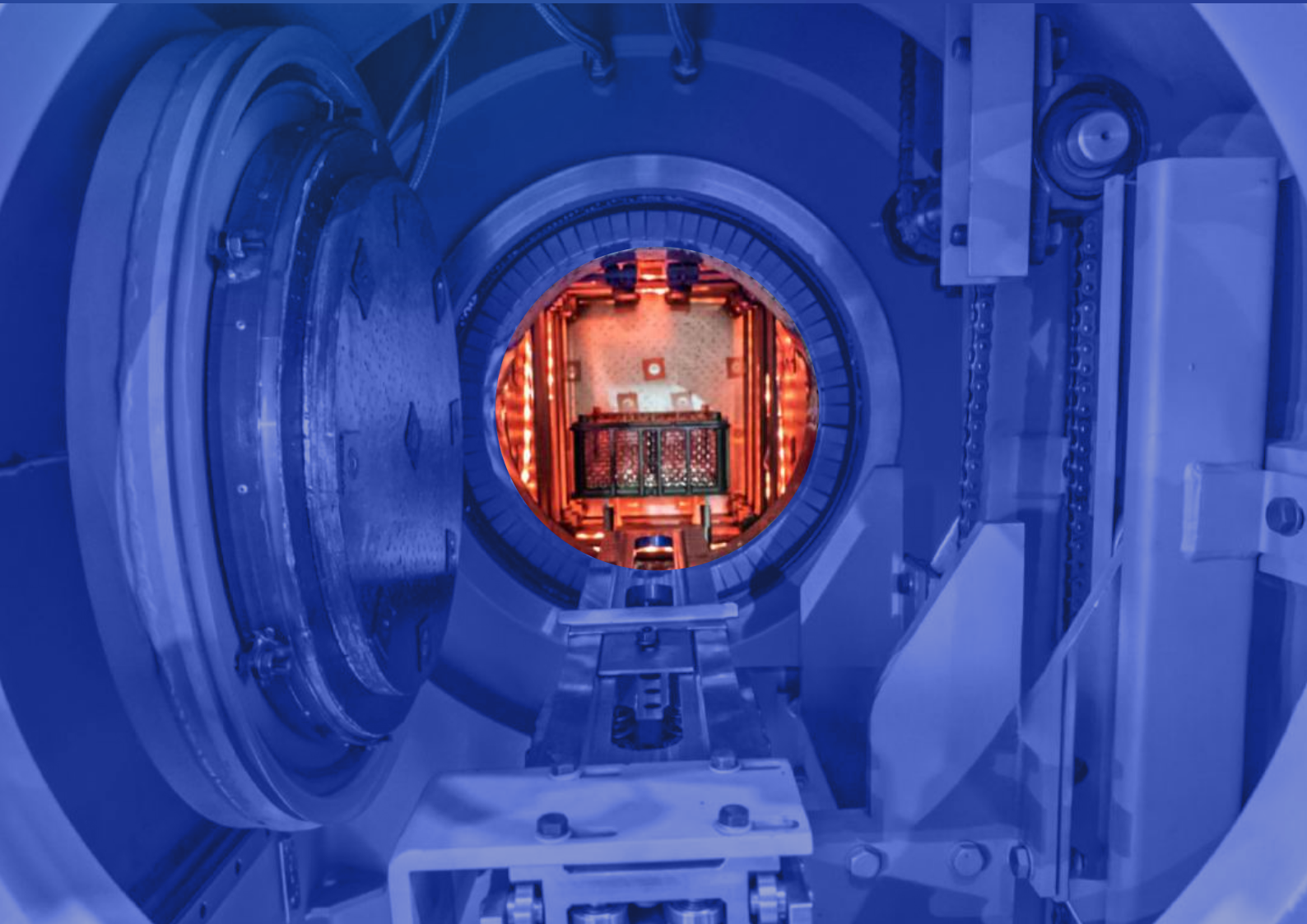




SHIV
HEAT-TECH

PRECISION HEAT, METAL EXCELLENCE

Innovative Solutions in Vacuum Heat Treatment Technology



Shiv Heat Tech (Bharat) Pvt Ltd. —

Trusted Performance in Vacuum Heat Treatment Technology

At Shiv Heat-Tech (Bharat) Pvt. Ltd., we specialize in precision vacuum heat treatment solutions for tools, dies, and components where metallurgical integrity is non-negotiable.

Founded with a commitment to quality and technical excellence, we support industries like automotive, aerospace, defence, electronics, agricultural, nuclear & space industries, medical and consumer goods with world-class thermal solutions.

With state-of-the-art vacuum furnaces, a quality-first mindset, and an expert team, we deliver consistency, precision, and peace of mind.



Our Mission

To be a global leader in vacuum heat treatment solutions by consistently delivering eco-friendly, energy-efficient, and innovative services.



Our Vision

To achieve customer satisfaction through state-of-the-art technology, world-class quality and unmatched service delivery standards.



Our Impact

Our innovative services improve the performance and longevity of treated components, resulting in greater productivity and reduced downtime.



Jay Prakash Mishra

Founder & CEO

Under the visionary leadership of Mr. Jay Prakash Mishra, our Director, the company has harnessed state-of-the-art technologies and imported equipment to offer unparalleled solutions. With decades of expertise and a passion for innovation, he has pioneered the integration of cutting-edge Vacuum Heat Treatment technology into the company's core operations.

Our Services

We specialize in a wide range of vacuum heat treatment processes to enhance the Metallurgical and mechanical properties of metals.

Vacuum Hardening

Stress Relieving

Subzero Treatment

Vacuum Tempering

Precipitation hardening

Annealing

Aging

Material grades we do process ———

Processing Material (Tool Steels) Grades in Vacuum

We cater to a wide range of industry-grade steels and alloys through precision-controlled heat treatment cycles as per international metallurgical standards.



CATEGORY	GRADE
Cold Work Tool Steels (a wear resistance steel) Applications: Blanking, Forming, Thread Rolling, Cutting, Stamping, Wood Working, Moulding, Pressing, Cutting, Jigs, Fistures etc.	D2, K110, K340, A2, A8, S7,Sleipner, Vanadis-4, Vanadis-6, Vanadis-10, CPM 10 V, A11, K294, Calmax, 1.2379, SKD11, X152CrMoV12, A681, AS 4100, EN ISO 4957 Etc.
Hot Work Tool Steels (resist softening at higher temperature steel) Applications: Casting , Hot Forming, Forging, Extrusions, Pressing etc.	HDS, H13, H11, 1.2344, SKD 61, H21, HP 1, DAC, W302, W320, W360, Diever etc.
High Speed Steels (a very hight wear resistance steel) Applications: Cutting, Shearing, Dies, Tap, Drill, Broaching, Milling, Wood Work , Tooling etc.	M2 (1.3343), M4 (1.3351), M35 (1.3243), M42 (1.3247) T15 (1.3202), T42 (1.3207), S390, S600, ASP23, ASP 30, ASP 60 etc
Stainless Steels (a corrosion resistant and mertensitic steel) Applications : Surgical Intruments, Measuring guage, knives, Shearing, Dies, Moulds, Turbines, Dairies, Aircrafts, Fasteners, Valves, Necluer Reactor Componant, Jet Engine, Textile, Paper Ind. Etc.	SS 410 (X6Cr13), SS 420 (1.4034, X46Cr13), SS 440 A (1.41090, X70CrMo15), 440 B (1.2316, X91CrMoV18),SS 440 C (1.4125, X10CrMo17), SS 431 (104057), 17-4 PH etc.
Mould Steels (a majority of plastic products steel) Applications: Injection moulding, Blow Mouldings etc.	1.2316, 1.2083, Stavex, M310, M390 etc.

Our Facilities —

Our State-of-the-Art heat treatment shop includes:

Energy-efficient, eco-friendly vacuum furnaces

Advanced automation systems

Imported high-performance equipments

Operated by a highly trained team, our heat treatment shop enables us to meet diverse customer needs with precision and efficiency. Vacuum Heat Treatment technology plays a pivotal role in our operations, ensuring the highest standards of quality and performance across all applications.

Why Choose us?

With Vacuum Heat Treatment technologies at the heart of our services, we ensure:

Energy-efficient, eco-friendly vacuum furnaces

Advanced automation systems

Imported high-performance equipment



Expertise backed by
years of Industry
experience



Eco-friendly
operations



Competitive
pricing



Fastest delivery
time



Consistent
Quality



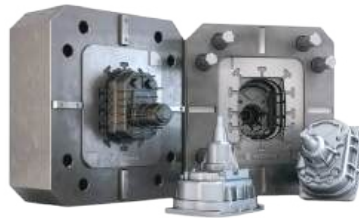
Products we cater —

Delivering Performance and Precision in Every Vacuum Heat Treatment

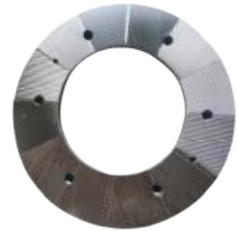
We are specialized in a wide range of vacuum heat treatment processes that helps to enhance the mechanical properties of metals. All processes adhere to relevant international standards, ensuring superior quality and performance. Shiv Heat-Tech (Bharat) Pvt Ltd also caters to a diverse range of unique & specialized products that demand precision and expertise in vacuum heat treatment such as:



Aluminium Extrusion Dies



PDC Dies



Pulverising Disc



Dies



Pellet Dies



Surgical Tools



PDC Dies



Moulds



HSS Tools & Cutters and Dies

SHIV HEAT-TECH (BHARAT) PVT LTD.

(BEST IN CLASS VACUUM HEAT TREATMENT)

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