

MIRANA
TECHNOCAST

Since 1985



COMPANY PROFILE



www.miranatechnocast.com

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About Us.

Introduction

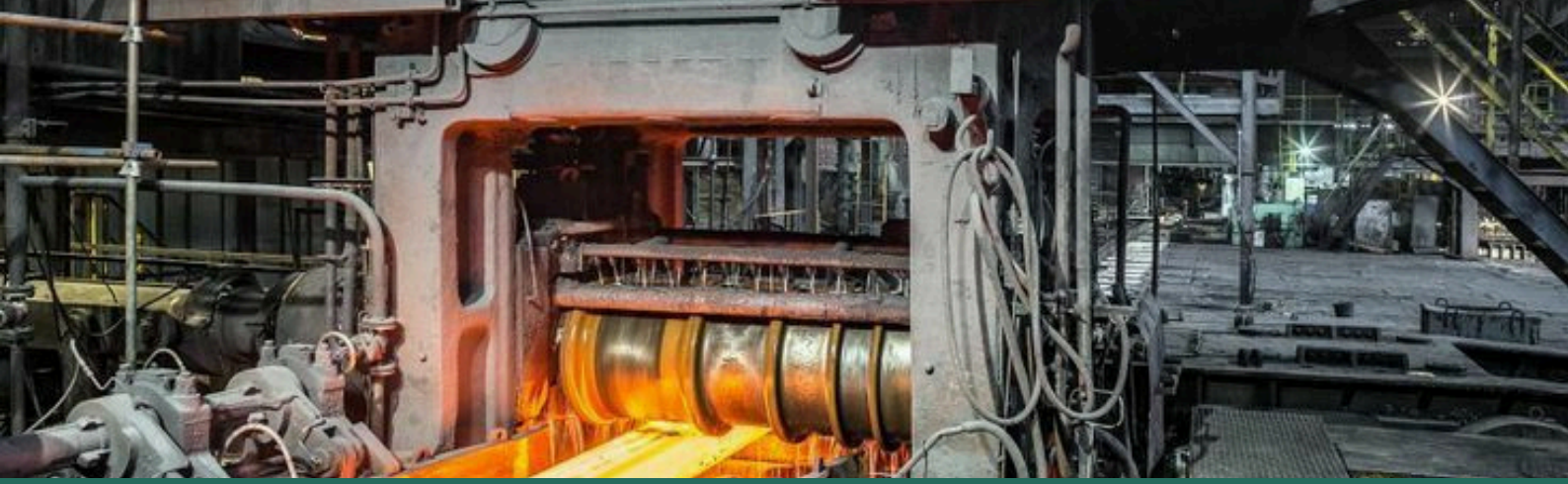
Mirana Technocast is a leading manufacturer of precision casting solutions, delivering reliable products for modern industrial applications. The company specializes in producing high-quality components with advanced manufacturing techniques and strong engineering expertise. With a commitment to innovation and performance, Mirana Technocast serves multiple industries with durable and efficient casting solutions. The company focuses on quality standards, customer satisfaction, and long-term industrial growth while maintaining consistency, strength, and excellence in every stage of the manufacturing process.



To become a trusted global leader in precision casting by delivering innovative manufacturing solutions, maintaining exceptional quality standards, and building long-term relationships through reliability, engineering excellence, and continuous industrial growth across diverse sectors.



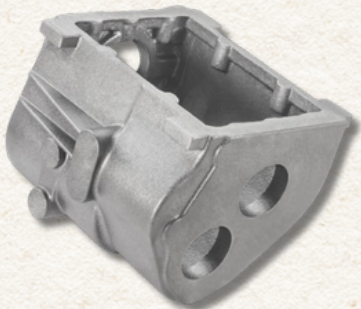
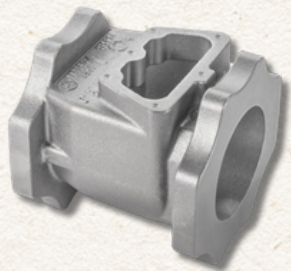
To provide high-quality casting solutions through advanced technology, skilled manufacturing processes, and customer-focused services while ensuring operational efficiency, product durability, consistent innovation, and sustainable growth for industries worldwide.



Infrastructure

- Advanced manufacturing infrastructure equipped with modern machinery for precision casting and efficient industrial production processes.
- State-of-the-art casting equipment designed to deliver consistent quality, accuracy, and high-performance manufacturing capabilities
- Fully integrated quality control systems ensuring reliable testing, inspection, and product excellence at every production stage.
- Spacious and well-organized production facility supporting smooth workflow management and optimized operational efficiency.
- Highly skilled technical workforce dedicated to maintaining engineering precision, innovation, and manufacturing reliability.
- Strong material handling and storage systems developed to ensure safe, efficient, and uninterrupted industrial operations.
- High-capacity production setup capable of meeting diverse industrial requirements with timely and dependable delivery standards.
- Safe and sustainable working environment focused on operational safety, productivity enhancement, and continuous industrial growth.

Our Products



Process Flow



Step 01

Requirement Analysis

- Customer enquiry review
- technical discussion
- feasibility confirmation



Step 02

Pattern & Tooling Development

- Casting drawing review
- Pattern design & development
- Pattern and core box manufacturing



Step 03

Mould & Core Making

- Sand preparation
- Mould Making
- Core Making
- Core Baking (if required)



Step 04

Melting

- Charge preparation
- Melting in induction furnace
- Chemical composition control



Step 05

Pouring

- Temperature verification
- Controlled pouring
- Mould filling
- Solidification



Step 06

Shake Out & Fettling

- Shake out
- Casting cooling
- Fettling / Gate Cutting
- Shot Blasting



Step 07

Quality Inspection

- Charge preparation
- Melting in induction furnace
- Chemical composition control



Step 08

Surface Treatment & Finishing

- Temperature verification
- Controlled pouring
- Mould filling
- Solidification



Step 09

Final Inspection

- Shake out
- Casting cooling
- Fettling / Gate Cutting
- Shot Blasting



Step 10

Packing

- Proper Packing
- Protection from Damage
- Labelling



Step 11

Dispatch

- Order Confirmation
- Timely Dispatch
- Safe Delivery



Step 12

Customer Satisfaction

- After Sales Support
- Feedback & Continuous Improvement

Quality Assurance.

At Mirana Technocast, quality assurance is maintained through strict inspection standards and advanced manufacturing control processes. Every product undergoes detailed testing to ensure precision, durability, and consistent industrial performance.



ISO CERTIFIED

ISO certified manufacturing standards ensuring reliable quality management, precision production processes, and consistent industrial performance across all operations.



- Melting Capacity: **300 Kg and 500 Kg (Induction Furnace)**
- Castings Weight: **0.5 Kg to 500 Kg (Per Piece)**
- Materials: **Grey Iron, Ductile Iron, SG Iron, Alloy Iron & Custom Grades**
- Process: **Sand Casting (Green Sand)**
- Finishing: **Shot Blasting, Grinding, Painting, Coating**

Clients & Partners

International Presence



USA



UK



Germany



UAE

Domestic Presence



Industries we Serve



Agriculture

Empowering the agriculture sector with durable and efficient industrial solutions designed to enhance productivity, reliability, and long-term operational performance.



Pumps and Valves

Delivering precision-engineered support for pumps and valves industries with solutions focused on smooth flow control, durability, and industrial efficiency.



Railway

Supporting railway industries with dependable engineering solutions built to meet high-performance standards, safety requirements, and operational reliability.



Mining

Providing robust industrial solutions for mining operations designed to withstand demanding environments while ensuring strength, efficiency, and continuous performance.



Engineering

Partnering with engineering industries to deliver innovative, scalable, and precision-focused solutions tailored for modern industrial requirements.



General Industries

Serving general industries with versatile and high-quality solutions that improve operational processes, productivity, and long-term business growth.



Automotive Industries

Serving general industries with versatile and high-quality solutions that improve operational processes, productivity, and long-term business growth.



Defense Industries

Serving general industries with versatile and high-quality solutions that improve operational processes, productivity, and long-term business growth.

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