



Vicast Metalürji A.Ş

Fevzi çakmak, 10643 Sk, No: 54
Selcuk Tax Office, 9251152453 Tax Number
+90 0332 345 17 77 vicast.com.tr info@vicast.com.tr



◆ WHO WE ARE

- ◆ Vicast Metallurgy Anonim Sirketi is a Turkish foundry specialized in grey iron, ductile iron and steel castings.
- ◆ Established to manufacture heavy-duty engine components and industrial castings, VICAST has rapidly expanded its production capabilities through continuous investments in advanced foundry technologies.
- ◆ Today, we serve customers from the automotive, energy, machinery, mining and industrial sectors with prototype, low-volume and serial production solutions.

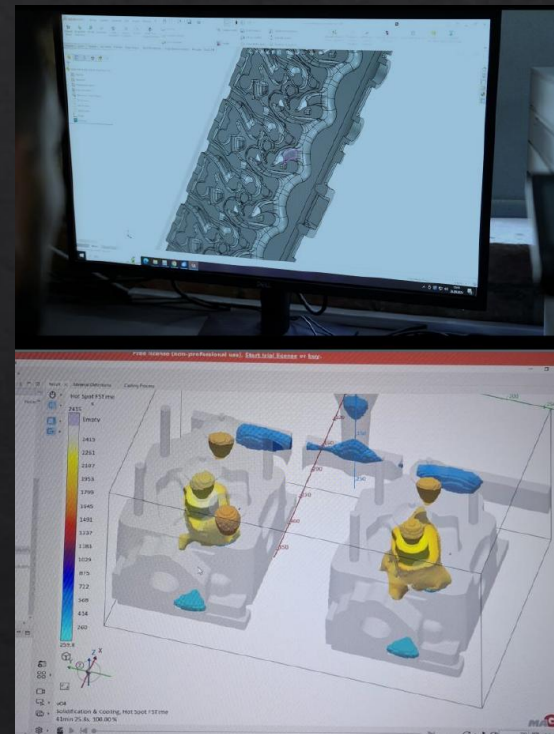
OUR FACILITIES

- ◆ Production facilities located in Konya, Türkiye
- ◆ Modern foundry equipped with advanced molding technologies
- ◆ 3D sand printing capability
- ◆ Shell core production department
- ◆ Alphasert resin molding lines
- ◆ Metallurgical laboratory
- ◆ Quality control laboratory
- ◆ Ongoing investment in a new production facility



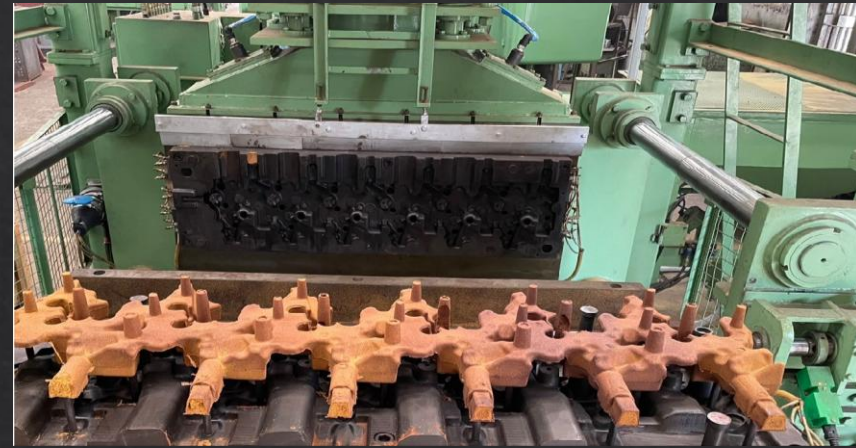
ENGINEERING & SIMULATION

- ◇ SolidWorks design capability
- ◇ MAGMASOFT casting simulation
- ◇ Gating and feeding optimization
- ◇ Rapid prototype development
- ◇ Design for manufacturability support
- ◇ Technical support from concept to production



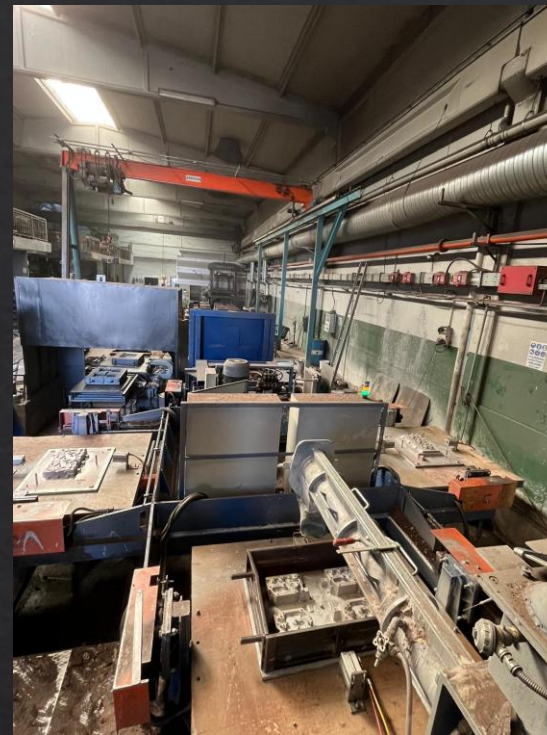
CORE MAKING CAPABILITIES

- ◆ Fully automatic shell core machines
- ◆ Semi-automatic shell core machines
- ◆ Cold box core production
- ◆ High dimensional accuracy
- ◆ Complex core manufacturing capability



MOLDING TECHNOLOGIES

- ◇ Alphaset resin molding system
- ◇ Automated flip molding line
- ◇ Simultaneous production of multiple models
- ◇ Large-size casting capability
- ◇ Flexible production for prototypes and serial parts



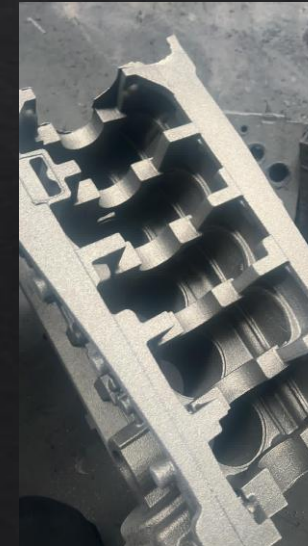
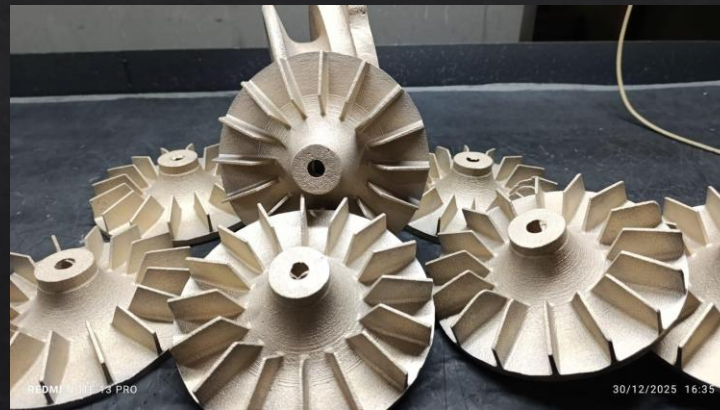
3D SAND PRINTING

- ◆ Two industrial KOCEL 3D sand printers (1800mmx1000mmx700mm)
- ◆ Rapid prototyping
- ◆ Complex core production
- ◆ Elimination of tooling costs for prototype projects
- ◆ Reduced development lead times
- ◆ Large-format printing capability



Applications:

- ◇ Cylinder Heads
- ◇ Engine Blocks
- ◇ Pump Components
- ◇ Valve Bodies
- ◇ Industrial Castings



NEW INVESTMENTS 2026

- ◆ To support future growth and customer demand, VICAST continues investing in advanced manufacturing technologies.
- ◆ Third industrial 3D sand printer ordered
- ◆ 10 Tons/Hour continuous resin sand mixer installed
- ◆ IATF 16949 certification approved
- ◆ We have acquired the neighboring facility and the expansion project is currently under development
- ◆ Dual-track induction furnace ordered (1 Ton)
- ◆ These investments significantly increase production capacity and operational flexibility.

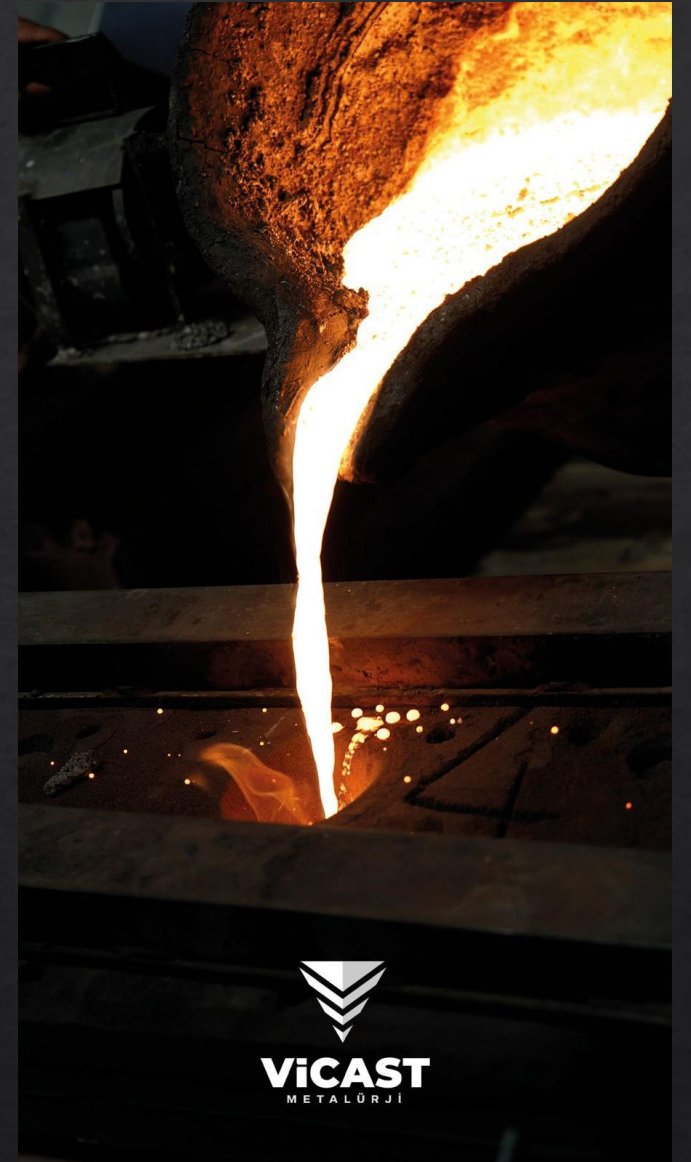
MELTING CAPACITY

Current Equipment:

- ◆ Induction melting technology
- ◆ Grey iron production
- ◆ Ductile iron production
- ◆ Steel casting capability (with Orta Anadolu Investment Casting)

Upcoming Investment:

- ◆ 1000 kg Dual-Track Induction Furnace
- ◆ Total melting capacity: 2400 kg per heat
- ◆ Increased productivity
- ◆ Capability for larger castings



QUALITY CONTROL

- ◆ Laboratory Equipment:
- ◆ Spectrometer
- ◆ Hardness tester
- ◆ Metallurgical microscope
- ◆ Sand testing equipment
- ◆ Thermal analysis
- ◆ Chemical analysis

Controls:

- ◆ Incoming material inspection
- ◆ Sand quality control
- ◆ Melt control
- ◆ Dimensional inspection
- ◆ Metallurgical verification



QUALITY ASSURANCE

- ◆ Quality Management Systems
- ◆ ISO 9001:2015
- ◆ IATF 16949 (Approved)

Quality Focus

- ◆ Full traceability
- ◆ Process control
- ◆ Continuous improvement
- ◆ Customer-oriented production
- ◆ Documentation and reporting



ISO 9001:2015
Kalite Yönetim Sistemi



CE DEKLARASYONU
Uygunluk Beyanı (2023/988)



ISO 10002:2018
Müşteri Memnuniyeti



ISO 14001:2015
Çevre Yönetim Sistemi



ISO 45001:2018
İş Sağlığı ve Güvenliği



ISO 31000:2018
Kurumsal Risk Yönetimi

PRODUCT RANGE

- ◆ Cylinder Heads
- ◆ Engine Blocks
- ◆ Pump Components
- ◆ Valve Bodies
- ◆ Mining Components
- ◆ Machinery Parts
- ◆ Agricultural Machinery Components
- ◆ Energy Industry Castings
- ◆ Custom Industrial Castings



WHY VICAST?

- ✓ Advanced 3D Sand Printing Technology
- ✓ Fast Prototype Development
- ✓ Strong Engineering Support
- ✓ Flexible Production Capacity
- ✓ Automotive Quality Standards
- ✓ Competitive Lead Times
- ✓ Continuous Investment Strategy
- ✓ Reliable Global Supply Partner

From Prototype to Production

Thanks ...