



Nikam Industries

SG Iron & Gray Iron Foundry in Kolhapur, India

NIKAM INDUSTRIES

Nikam Industries manufactures a vast range of graded Cast Iron and S G Iron components for industry sectors like automobile, electrical, pump, valves, machinery, railways, construction, and agriculture. We have technical expertise in delivering exquisitely manufactured assembled casting components that match international standards in terms of quality and functionalities. Our state-of-the-art facility uses the latest technology to produce superior castings, including SG Iron and Grey Iron. Both materials offer exceptional strength, ductility, and impact resistance, making them ideal for use in various industries, from automobile, electrical, pump, valves, machinery, railways, construction, and agriculture. With our commitment to innovation and excellence, you can trust that our castings meet and exceed industry standards. Our experienced team of engineers and technicians work closely with our customers to ensure that each product is tailored to their specific needs and design specifications. In addition to our advanced casting capabilities, we offer a wide range of finishing services, such as machining, painting, and heat treatment which allows us to deliver a complete turnkey solution to our clients, resulting in less downtime and hassle on their end.



Our Leadership



Mr. Anil Nikam
(Founder Chairman)

Mr. Anil Nikam (B.E. Mech)

In 1975, M/s Arun Industries commenced its operations with a conventional machine shop arrangement comprising approximately ten lathes, two radial drills, three shaping machines, and a heavy-duty milling machine. The company focused on producing essential components for sugar factories, including a wide range of items such as sprockets, roller flanges, chain and chain spares, mill couplings, trash plates, and scraper plates. These products were distributed across India, particularly in Maharashtra, Karnataka, and Gujarat.

M/s Anil Iron & Steel Industries (AISI) was started in 1990 as a cupola foundry for a precision component manufacturing company headquartered in Kolhapur, India. With over 30 years of experience, AISI is one of the leading suppliers of Cast Iron and Steel parts to all major companies across India, from weight 100gms to 100kgs casting range. AISI core competency lies in manufacturing highly critical parts supplied to the automobile, coupling, and pipe sectors with quality, safety, and performance. His leadership as a chairman of the group companies with a keen eye for cutting-edge technology implementation has ensured consistent growth in customer satisfaction and, thereby, business volumes. Endowed with a profound knowledge of the foundry business, he has held a position as a Board Member of the Govt. College of Engineering in Karad. Furthermore, since 1998, he has been an engaged member of the Shirolu Manufacturers Association Kolhapur (SMAK).

Managing Director



Mr. Prithviraj Nikam (DFT, B.E.(Prod))

Entering as the second generation, Mr. Prithviraj Nikam has infused the company with fresh ideas as it strives to transition from conventional methods to an automated foundry utilizing cutting-edge technology. As Managing Director of Nikam Industries, I lead our dedicated team in the production of high-quality cast iron and ductile iron components. With a strong commitment to precision and innovation, we cater to the diverse needs of industries such as automotive, Agriculture ,pump, and valves. Our focus on cutting-edge technology and stringent quality control ensures that we deliver reliable solutions that exceed expectations.

Mr. Prithviraj Nikam
Managing Director

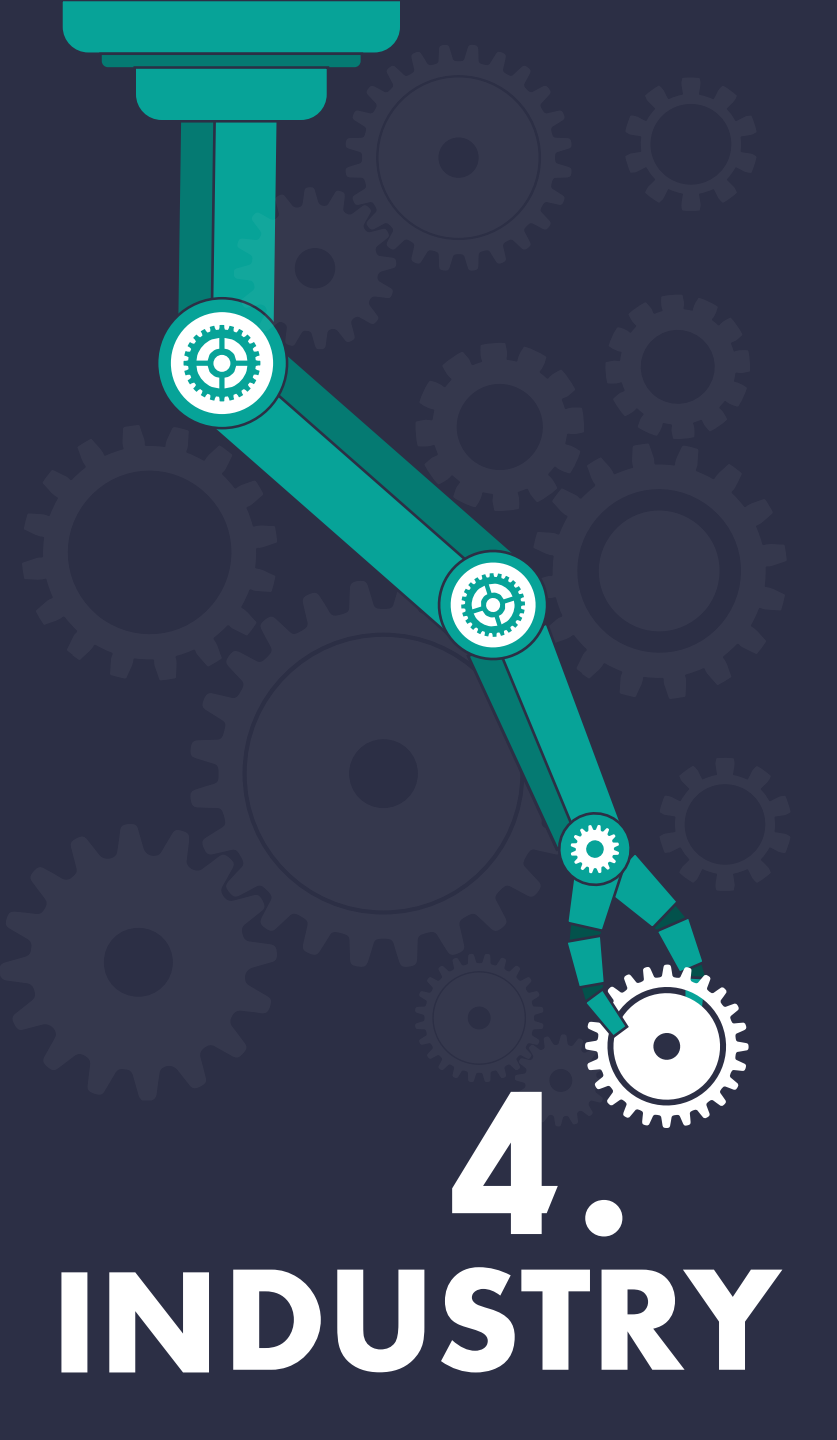
Chief Executive Officer



Mr. Nikhil Ubare [Diploma (Auto), B.E.(Prod)]

As the CEO of Nikam Industries, I hold the position of Chief Executive Officer. In this role, I am responsible for overseeing the overall operations, strategy, and performance of the company. With 12 years of experience in the foundry industry, I am dedicated to leading Nikam Industries towards continued growth and success.

Mr. Nikhil Ubare
Chief Executive Officer



4. INDUSTRY

Why Choose Us

01

Fully Machined Components, Under One Roof

02

Robust QMS Implementation

03

Technical Expertise

04

Flexibility in Weight and Volume

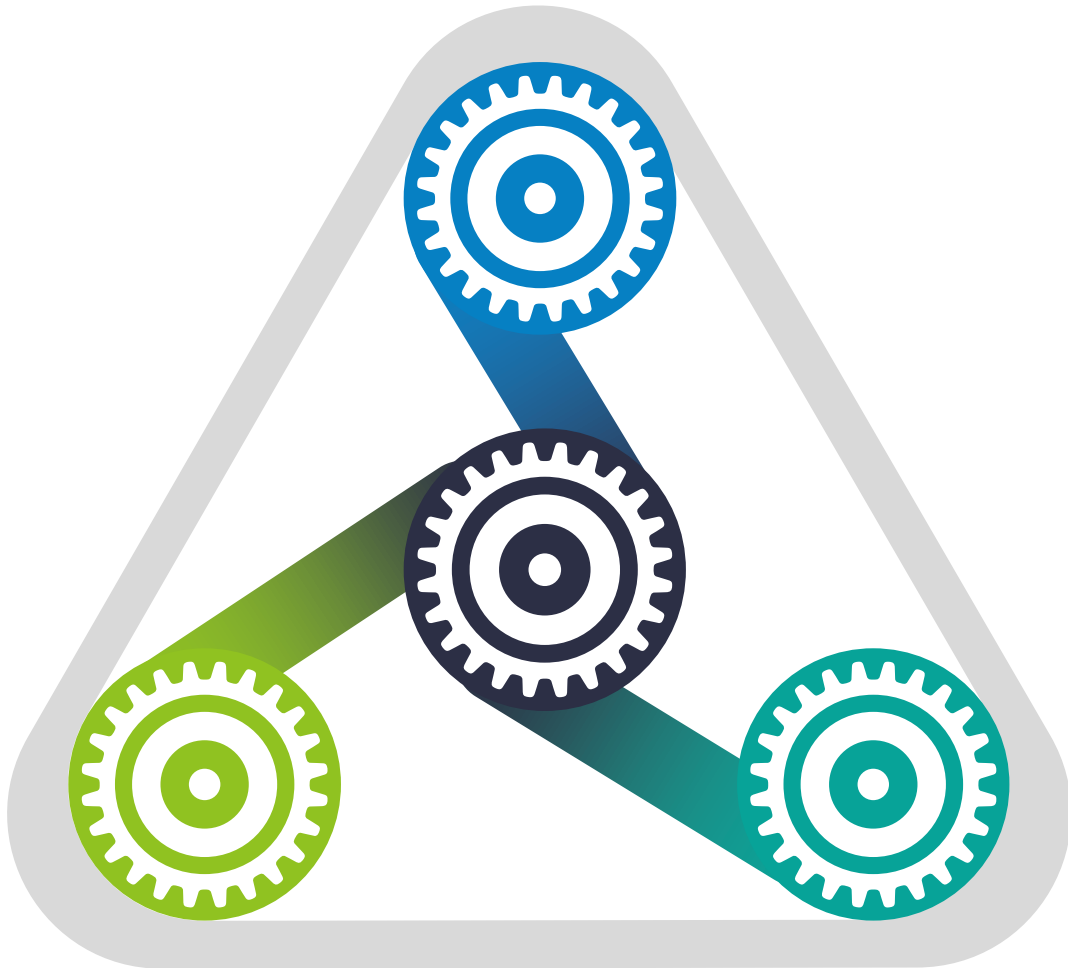
05

Minimum Lead Time

06

Skilled Manpower

Our Foundry Capability



Material

All Grades of Cast Iron
All Grades of SG Iron (Ductile Iron)

Casting Range

Weight: 1 Kg to 130 Kg

Monthly Volume

330 Metric Ton (Good Casting)

Value Addition

Machining • Surface Coating •
Hardening • Hydro Testing •
Sub Assembly



OUR PLANT

The process of casting begins by using top-notch moulds. As a result, we have made significant investments in producing moulds that ensure our castings have outstanding finishing and precise dimensions. The sand used in these moulds has to be of exceptionally high quality in creating a mould. The latest technology equipment like simultaneous jolt & squeeze moulding machines, Polygonal Severs, Sand Cooler & Intensive Sand Mixers is being used to maintain the quality level of the sand. The plant uses mechanized sand preparation plants so that we can adhere to the standard quality guidelines. The moulding machines that we use are equipped to tackle a varied range of products and give the customers a cost-effective solution for the product they are looking for.

Our Infrastructure



Melting Shop

INDUCTOTHERM (INDIA) Pvt Ltd
550kw IGBT/ 500kg Duraline furnace
per month melting capacity of casting
is around 550 MT.



Molding Box Size

❖ 24 × 28



Core Shop

- ❖ Cold Box core shooters
- ❖ Shell Core Shooters
- ❖ No-Bake core making facility
- ❖ CO2 core making facility



Quality Checking Equipment Used At Foundry

- ❖ Spectrometer (Bruker)
- ❖ All types of sand testing equipment like Mould hardness, Sand CGS, moisture, compatibility.
- ❖ Casting hardness testing machine.
- ❖ Digital Pyrometer
- ❖ On line Carbon Silicon Analyser



Sand Plant (Vijay Engineers & Fabricators)

- ❖ Dust Collector System
- ❖ PLC Control System
- ❖ Knockout System
- ❖ Elevator System
- ❖ Cooling System
- ❖ Mixing System
- ❖ Skip Charger System
- ❖ Moulding System
- ❖ Metal Handling & Pouring System
- ❖ Fettling System



Quality Control Chemical Analysis

- ❖ In house spectrometer.
- ❖ All heats poured are tested on-line on Spectrometer
- ❖ Specimens are stored for a particular period

Physical Testing

- ❖ In house Hardness Testing Machine.
- ❖ In house Impact test Machine.

Our Infrastructure



Molding Machine – ARPA 450
Box Size : 24" x 28"



Cold box Core Shooter – 10 Kg



Shot Blasting Machine – 500 Kg



Pattern Rack - 200 Storage Capacity

Our Infrastructure



1000 kg
Max Capacity

3100 mm
Max Lift height

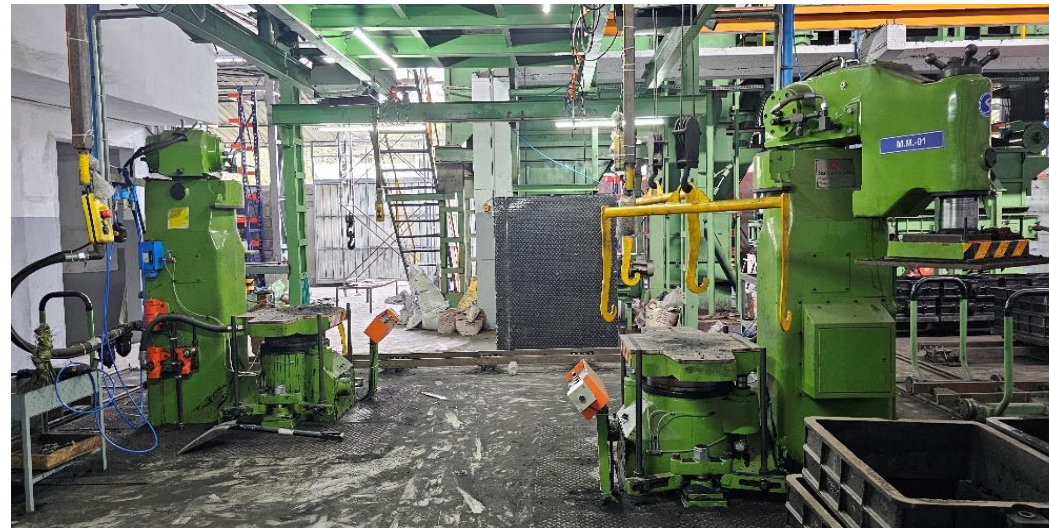
Maini stacker



Brinell Hardness Tester



Brucker Spectro Meter



Sarvamangala Molding
Machine ARPA 450



Kaeser compressor 25 HP

Sand Quality Checking Equipment Used At Foundry



Digital Permeability Testers



Sand Rammer



Sand Siever-1



Mold Hardness Tester

FACILITY

1) VMC - BFW Agni BMV 45++: 1 No.



Axis Travel: X600 X Y450 X Z500 mm
Table Size: 900 X 450 mm
Spindle Motor: 7.5/11 Kw

2) CNC – LMW LL25T L5: 1 No.



Swing Over Bed: 510 mm
Max Turning Dia: 320 mm
Max Turning Length: 480 mm
Spindle Motor: 11/15 Kw

3) CNC - Daewoo Puma 12L: 2 Nos. no.



Swing Over Bed: 570 mm
Max Turning Dia: 500 mm
Max Turning Length: 1000 mm
Spindle Motor: 18.5/22 Kw

4) CNC – Daewoo Puma 250B: 1



Swing Over Bed: 570 mm
Max Turning Dia: 400 mm
Max Turning Length: 680 mm
Spindle Motor: 18.5/22 Kw

CERTIFICATES





Nikam Industries

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