



**RAJMUDRA  
INDUCTION**

An ISO 9001:2015 Certified Company

The background features a large, close-up view of a metallic gear or rotor on the left, with bright orange molten metal visible inside its teeth. The rest of the background is a blurred industrial scene with more molten metal and machinery. A large, abstract graphic on the right side consists of a thick red diagonal band and a black area with white concentric curved lines.

**RAJMUDRA  
INDUCTION**

### Rajmudra Induction —....

Rajmudra Induction was established in **2013** by **Mr. Sanjay Patil at Bhosari, Pune, Maharashtra.**

With over 18 years of experience in the induction hardening industry, Mr. Patil has built a strong foundation for the company. Under his leadership, the company has grown to become a recognized name, supported by a team of highly skilled employees who are committed to excellence.

We are proud to be an **ISO 9001:2015 certified company**, which demonstrates our dedication to maintaining the highest standards of quality management and customer satisfaction. Rajmudra Induction is equipped with a state-of-the-art steel heat treatment setup, incorporating advanced technologies to offer superior results in heat treatment processes.

Our induction hardening machines are designed for efficiency and precision. We specialize in flame hardening, using equipment with ratings of 150 kW, 50 kW, 40 kW, and 25 kW, operating at frequencies of 10 KHz, 30 KHz, and 200 KHz. These machines allow us to provide high-quality, durable hardening for a variety of industrial applications.

We also employ IGBT-based medium and high-frequency technology, which enhances the flexibility and performance of our heat treatment processes. Our vertical scanner system, capable of scanning heights ranging from 600mm to 2000mm, is utilized for large-scale parts with intricate geometries. The advanced system ensures precise control during the hardening process, improving efficiency and quality.

**100+**

PROJECTS COMPLETED

**15+**

TEAM MEMBERS

**150+**

HAPPY CLIENTS

### Why Choose For Us

Our commitment to excellence, cutting-edge technology, and a customer-focused approach make us a trusted partner in the industry. Choose us for consistent quality, proven expertise, and tailored hardening services that meet your unique requirements.

#### Mission

To provide exceptional induction and flame hardening services that enhance the performance and durability of engineering components.

#### Vision

To be a global leader in the field of heat treatment services, recognized for our commitment to excellence, precision, and customer-centric solutions.

#### Value

Quality Excellence: We are dedicated to providing the highest quality services with precision and reliability.

## Gear Hardening

Uses induction coils to heat specific gear areas followed by rapid quenching, ensuring a hard surface and tough core.



## Induction Hardening

Induction Hardening is a precise surface hardening technique that uses electromagnetic induction to heat a metal component to a specific temperature, followed by rapid quenching.



## Shaft Hardening

Shaft Hardening is a heat treatment process designed to increase the surface hardness and wear resistance of shafts used in various industrial applications.



## Mc 50 kw 600mm Scanner

The MC 50 kW 600mm Scanner is a high-performance induction hardening system designed for precision hardening of components with large surface areas.



## Induction Portable machine 25 kw

The Induction Portable Machine 25 kW is a compact, versatile heat treatment solution designed for on-site applications where mobility and efficiency are key.



## Flame Hardening

Flame Hardening is a surface treatment process where a high-temperature flame is applied to the surface of a component, followed by rapid cooling or quenching.



## Roller Hardening

Roller Hardening is a specialized heat treatment process used to increase the surface hardness and wear resistance of rollers.



## Sprocket Hardening

Sprocket Hardening is a specialized heat treatment process used to enhance the durability and performance of sprockets.



## Mc 40 kw 600mm Scanner

The MC 40 kW 600mm Scanner is a high-performance induction hardening system designed for precision hardening of components with large surface areas.



## M/c 150kw 1500mm length Scanner

The M/C 150 kW 1500mm Length Scanner is a high-performance induction hardening machine designed for large-scale, precise heat treatment applications.









## Clients



## Contact Us



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