



HEAT TREATMENT FURNACE

OUR FURNACE MEETS NADCAP, CQI-9 NORMS AND AMS 2750 STANDARDS

OUR PROFILE

J.R. Furnace and Ovens (P) Ltd is one of the leading manufacturers and suppliers of Industrial Furnace and Ovens since our inception in 1987. We serve a wide range of heat treatment industrial needs by providing world-class capital pieces of equipment such as

- ▶ **Heat Treatment Furnace**
- ▶ **Continuous Furnace and Batch Furnace**
- ▶ **Atmosphere Controlled Furnace**
- ▶ **Industrial Ovens**

We are known for our values and customer-focused business practices. We are able to garner a reputable range of high-value government and private customers through our commitment and quality focus. Our products are manufactured using the best quality raw materials & components conforming to the applicable industry norms and qualitative standards. Our furnaces are appreciated for their process-appropriate design, trouble-free performance and long life.

Our furnaces are made using the latest technology. They provide enduring performance and can prevent heat loss, helping you save great energy.

Our products are not only cost-effective but are made in compliance with the client's required specifications.

Our state-of-the-art infrastructure spread over 55,000 square feet enables us to handle bulk orders and deliver quality products in the required specification and time. Our top-notch manufacturing unit is fully laced with advanced machinery and tools. We have a comprehensive process mechanism to ensure each product is thoroughly tested for quality and performance before leaving our shop floor.

Under the dexterous leadership of our Chairman "Mr D.Ramesh", we have been able to achieve sustained growth and a continuously increasing customer base. He lends strategic direction to the business and steers us to achieve business excellence. Through our quality-focused and ethical business practices, we are able to earn a name for ourselves as a reliable player in the global furnace industry.

We take pride in being a vertically integrated organisation in the entire process of furnace manufacturing, from design to testing to commissioning which is done in-house.

Manufacturing Range

- ▶ Bogie Hearth/Grooved Hearth
- ▶ Sealed Quench (Integral Quench)
- ▶ Vacuum/Protective Atmosphere Bell Type (Electrical/Gas Fired)
- ▶ Drop Quenching
- ▶ Salt Bath
- ▶ Pit Type
- ▶ Chamber Type
- ▶ Aluminium Melting/Holding, Etc.
- ▶ Conveyor Furnace
- ▶ Ovens/Driers
- ▶ Rotary Retort Furnace
- ▶ Hot-dip Galvanizing
- ▶ Washing M/CS
- ▶ Endo Generators

Process Application

- ▶ Ageing
- ▶ Homogenising
- ▶ Solution Treatment
- ▶ Drying
- ▶ Case Hardening
- ▶ Nitriding
- ▶ Through Hardening
- ▶ Markeching/Austempering
- ▶ Stress Relieving
- ▶ Normalising
- ▶ Forging
- ▶ Spherodizing
- ▶ Isothermal Annealing
- ▶ Aluminium Melting/Holding, Etc.

Trendsetters in Thermal Technology

Bogie Hearth Furnace



Bogie Hearth
Annealing Furnace



Bogie Hearth Stress
Relieving Furnace



Bogie Hearth Heat
Treatment Furnace



Gas Fired
Bogie Furnace



Gas fired furnace
For Normalizing



Gas Fired
Hardening Furnace



Bogie Hearth Annealing
Furnace for Conductor



Bogie Hearth Ageing
Furnace for Conductor



Bogie Hearth Annealing
cum Ageing Furnace

Continuous Roller Hearth Furnace



SAP Integrated Continuous Type Roller Hearth Furnace for Stress Relieving of Charge Materials like Boom & Dipper to Earthmoving & Construction equipment

Pusher Type Furnace



Pusher Type Hardening/
Tempering Furnace



Pusher Type Furnace
for Normalizing



Pusher Type Furnace

Bell Furnace



Rectangular
Bell Furnace



Bell Type Annealing
Furnace for Rod & Coils



Bell Type Gas
Fired Furnace

Solution Heat Treatment Furnace



Drop Bottom Quench
Furnace for AutoParts



Drop Bottom
Quench Furnace



Drop Bottom Quench
Furnace for Aero Components

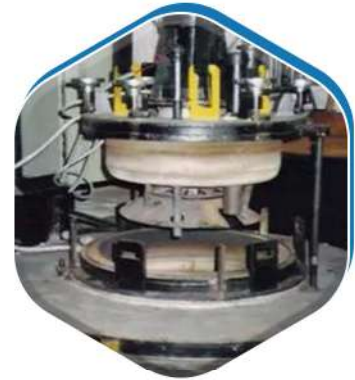
Pit Gas Carburizing | Nitriding Furnace



Gas Carburizing
Furnace



Gas Carburizing with
Oil Quenching Tank



Gas Nitriding Furnace

High Temperature Heat Treatment Furnace



Bogie Type Electric Heat
Treatment Furnace



Chamber Type Heat
Treatment Furnace



Chamber Type Forging
Heat Treatment Furnace

Rotary Retort Furnace



Rotary Retort Furnace
for Hardening



Rotary Retort Furnace
for Tempering



Rotary Retort Furnace
for Drying Chamber

Other Products



Austempering Plant



Salt Bath
Furnace



Post Weld Heat
Treatment Furnace



Grooved Hearth Furnace
For Hardening



Sealed Quench Furnace



Aluminium
Foil Annealing Furnace

Industrial Ovens



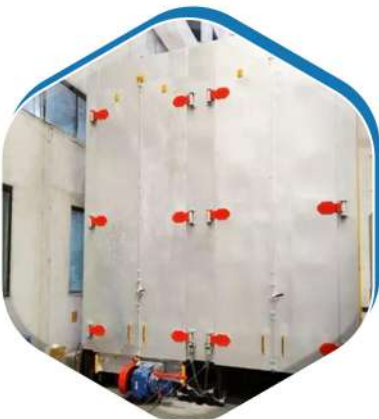
Ageing Oven



Curing Oven



Drying Oven



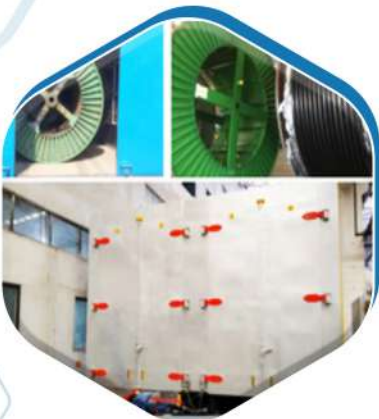
Batch Ovens



Continuous Oven



Electric Oven



Degassing Chamber
Type Ovens



Static Oven



Rotary Oven

Why JR Furnace?

With our superior quality products and timely delivery, we have been regarded as a trustworthy player in the industry. We are enjoying ever expanding customer base as we are able to cater to the diverse needs of customers who come to us for solutions. Our transparent dealings and ethical practices helped us carve a niche for ourselves in the industry.

Not only this but there are also other aspects that make us the 'top-of-the-mind' choice for our customers and patrons:



Quality Policy

Being a quality-focused organisation, we are committed to offering the best quality and customised Industrial Furnaces and Ovens to all our customers, appropriate to their specific needs.

Quality Assurance

We have a team of highly qualified and experienced quality control managers who ensure that every step of production, from design, drawings, and raw material choice to completion and delivery, goes through a stringent quality control audits. Care is taken to ensure all parameters of international quality standards are met.

Customer Delight

We believe in achieving maximum customer satisfaction by providing the highest quality products anytime and whenever. Being a company known for our values and quality products, we are committed to pleasing our customers beyond their expectations by offering outstanding high-performance products. With our highly trained and skilled team, we continuously enhance the quality of our products to ensure our customers get maximum value consistently. We have received several repeat orders from our existing customers, which serve as a tall testimonial to our commitment to customer-focused business practices.

Enduring Quality & Efficient Design

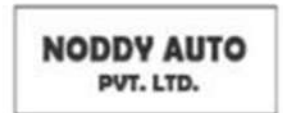
Our Clients



BHARAT FORGE



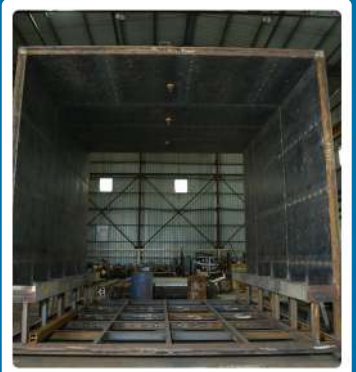
Menon Bearings Ltd.



| Empowering Humanity |



Our Infrastructure



Awards & Certificate



CONTACT US

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Pioneers in Heat Treatment Furnaces