

OFENEDGE TECHNOLOGIES INDIA PVT. LTD.

WELCOME TO THE WORLD OF ADVANCED HEAT TREATMENT SOLUTIONS

Introduction

Ofenedge Technologies India Pvt. Ltd. proficient in the design, engineering, and production of state-of-the-art custom made heat treatment plants. Built upon two decades of profound expertise, our team of seasoned professionals possesses an unparalleled understanding of both furnace manufacturing and intricate heat treatment processes.

Our mission is to provide high-Caliber, innovative heat treatment solutions that seamlessly integrate with existing systems while maintaining stringent cost-effectiveness. We prioritize rapid delivery timelines and user-centric designs, all executed with a steadfast commitment to sustainable practices. Our round-the-clock availability underscores our commitment to responsiveness and adaptability in meeting the evolving demands of our valued customers.

Our product range caters to following processes:

Thermochemical Heat Treatment

- Carburizing and case hardening
- Carbonitriding
- Nitriding
- Ferritic nitrocarburizing (FNC)
- Pre-oxidation and post-oxidation

Thermal Heat Treatment

- Hardening (Heating + Cooling)
- Preheating
- Tempering
- Stress relieving
- Annealing
- Normalising
- Isothermal annealing
- Solution annealing
- Spherodising annealing
- Bright annealing

Product & Services Portfolio:

Heat treatment plants for

Batch Production



Continuous Production



Global Aftermarket

Spare parts, service & support (any make or model)



Compatibility



High-Level Customisation



Flexibility



Availability

**EXPLORE OUR
COMPREHENSIVE
RANGE OF OFFERINGS...**

All illustrations denote
schematic representations

Advanced Heat treatment plants and solutions for variety of metal components.

Batch Production

Sealed Quench Furnace plants



PIT type Furnace plants



Low Temperature Chamber Furnace



Gas Nitriding Furnace with Retort



Continuous Production

Rotary / Ring Hearth Furnace



CGC / Pusher Hearth Furnace



Roller Hearth Furnace



Mesh Belt Furnace Line



Auxiliary Equipment

Gas Generators



Pre-heating, Pre-oxidation



Washer – (Pre and Post Processing)



Transport systems, Charge car



Spares management, Service and Support

Heating System



Mechanical & Moving Parts



Structural & Insulation Parts



Furnace hardware



Control and Accessories



Collaborations

We are actively engaged with established manufacturers, industry experts and professionals for supplying equipment's (furnaces and spares) for **steel plants and mills** for Reheating, Hardening - Tempering, Annealing and Melting applications.

Types: Bell annealers, Bogie hearth, Grooved hearth, Pit type, Walking beam, Walking hearth, Pusher hearth, Roller hearth, Mesh belt, etc.



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All illustrations denote schematic representations