

# FURNACES, OVENS AND HEAT TREATMENT EQUIPMENT



**HIROKI BUILDTECH PVT LTD**



## ABOUT US

With more than 8 years of field experience, **Hiroki team** has proven record in design, engineering, and manufacturing of industrial furnaces, oven and other heat treatment equipment.

**Hiroki Buildtech Pvt Ltd** was established in 2017 with its focus on global supply of industrial equipment and modern technologies for thermal processes.

**Hiroki** offers the widest range of standard furnaces.

**Hiroki's** combination with global OEM resources and strong local presence ensure successful project delivery by our highly-qualified specialists.

Professional engineering in combination with inhouse manufacturing provides individual project planning and construction of tailor-made thermal equipment and after sales service.

We analyze the customer requirements and provide them with the advanced cost-effective solutions. We keep progressing in business industry by adopting latest technologies that are incorporated in heating process applications.

## OUR OBJECTIVE

**Hiroki** aims to be one of the leaders in furnace and oven manufacturing industry. It aims to consistently achieve highest quality as well as to provide the most competitive price for heat treatment equipment products and solutions.

Our experiences and commitments to our customers have developed a system that is constantly geared towards producing products and services of **High Quality and Reliability**.



**OUR VISION**

To be the prime trustable Heat Treatment Equipment manufacturer and supplier to the different multitudes of industries with our best quality and timely deliveries at a competitive edge.

**OUR MISSION**

Our mission is to develop ourselves as one of the best thermal equipment manufacturer and service provider to support most manufacturing and process industries. To continue maintaining the cost effectiveness without compromising the strength of the quality as per the client's standards and requirements.

### SAFETY

**SAFETY FIRST.** Safety and Health are our top priority and we believe building safe working environments and stringently following safety practices are the key commitments we make to our clients in delivering our products and services.

### QUALITY & DELIVERY

Our products and services standards precisely fits for the purpose and completely fulfils our customers requirements. We never miss to ensure timely deliveries for supporting our customers schedules.

### GLOBAL STANDARDS

We comply with Global standards. Adopting manufacturing practices from most regions of the world. International standard quality products and services are channelled through ISO 9001:2015 QMS. Global outsourcing facilities to fulfil international standard materials and construction standards. We facilitate most recognized standards like BSEN (European), American (ANSI / ASTM) and Singapore Standards.

# OUR BUSINESS ALL SERVICES UNDER ONE ROOF

From design to manufacturing and after sales service, our team provides an integrated approach for complete solutions in thermal process engineering.

## Consultancy

## Design Engineering

## Fabrication, Supply, Erection & Commissioning

## Service & Maintenance

## OUR BUSINESS INDUSTRIES

- Manufacturing
- Automobile
- Metal & Metallurgy
- Foundry
- Casting & Forging
- Steel plants
- Aerospace
- Nuclear
- Process
- Food & Beverages
- Chemical
- Power & Energy
- Railways
- Marine & Offshore
- Oil & Gas
- Petrochemical
- Domestic Utilities



## HEATING PROCESS

### OUR RANGE OF PRODUCTS CAN BE ENERGIZED BY

- Electrical Heating
- Gas Fired
- Oil Fired

## FUNCTIONS:

Our line of equipment does Heating, Soaking and Cooling of job as per the application requirements.

## FURNACES

### HIGH TEMPERATURE APPLICATIONS UPTO 1500° C.

Furnace Applications:

Melting process,  
Heat Treatment applications.

## OVENS

High Temperature  
Applications upto 1200° C.

## OVENS APPLICATIONS

Backing, Drying, Curing and Aging Process. Continuous Oven to perform in combination of above processes.

## HEAT TREATMENT APPLICATIONS

Pre-Heating, Stress Relieving, Annealing, Normalizing, Nitriding, Quenching, Hardening, Tempering, Carburizing (Pack & Gas), Sintering and Case Hardening.





PIT TYPE NITRIDING FURNACE



CONTROL PANELS



BOGIE HEARTH FURNACE



BLOWERS



ANNEALING FURNACE



INDUSTRIAL OVEN

**ELECTRICAL HEATERS**



**FINNED HEATERS**



**CONVEYOR FURNACE ANNEALING**



**ALUMINIUM MELTING FURNACE**



**TEMPERING FURNACE**



**CONVEYOR FURNACE**



**BOGIE HEARTH FURNACE**



**CONTINUOUS QUENCHING FURNACE LINE**



**MESH BELT TEMPERING FURNACE**

**BOX FURNACE**



**BOGIE HEARTH FURNACE**



**DRYING OVEN**



**DRUM HEATING OVEN**



**SEALED QUENCHING FURNACE**



**BOGIE HEARTH FURNACE**



**CURING OVEN**



**ALUMINIUM MELTING FURNACE**





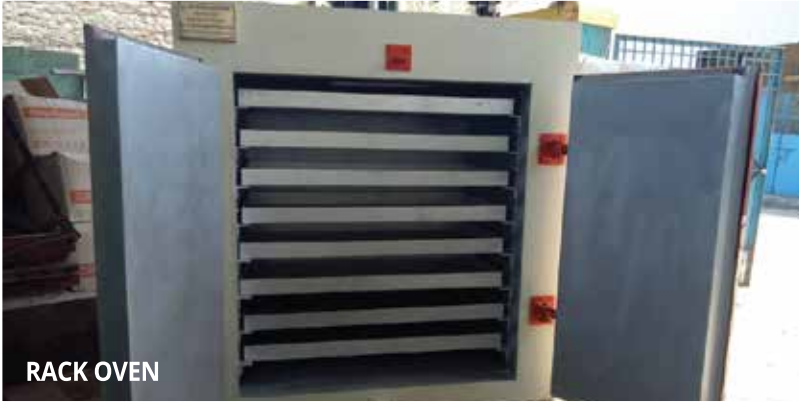
DRYING OVEN



GAS CARBURIZING FURNACE



SS CONVEYOR CHAIN



RACK OVEN



HARDENING FURNACE



INDUSTRIAL OVEN

# PRODUCTS:

- Bogie Hearth Furnace
- Pit Type Gas Carburizing Furnace
- Pit / Box Type Tempering / Hardening Furnace
- Box / Chamber Type Furnace
- Bell Type Furnace
- Mesh Belt Type Continuous Hardening & Tempering Lines
- Sealed Quenching Furnaces
- Rotary Retort Furnaces
- Aluminium / Zinc Heat Treating and Melting Furnaces

- Gas / Liquid-Nitriding / Carburizing Furnaces
- Solution Treatment Furnace
- Continuous Furnaces
- Chamber / Box Type Baking, Curing & Aging Ovens
- Continuous Conveyor Process Ovens

## ACCESSORIES

- Quenching Tank
- Incinerators & Hot Air Generators
- Thyristor, PLC, PC Control Panels
- Furnace & Oven Spares

### OUR PRODUCTION FACILITIES

We use the most modern facilities to cater our clients with the latest technology solutions. Our material yard and workshop are well maintained to the appropriate industrial standards to enable us the quality materials and timely services. Our in-house stores can hold adequate consumable and welding accessories to serve large productions.

We have our works in 3 different locations.

#### Plant 1

8A, 9<sup>th</sup> Street, Kamarajar Nagar, Tass Industrial Estate, Ambattur, Chennai - 600 098.

Area (Production Workshop): 3000 Sq.ft Built Area & 2000 Sq.ft Open yard.

#### Plant 2

346D, Thirumullaivoyal Womens Industrial Estate, Kattur, Chennai - 600 062.  
Area (Production Workshop): 3000 Sq.ft Built Area & 1 Acre Open yard.

#### Plant 3

DP: 112/4-A, (SP) 1<sup>st</sup> Cross Street, 2<sup>nd</sup> Main Road, Ambattur Estate, Chennai - 600 058.

Area (Machine Shop): 4000 Sq.ft Built Area (Machine Shop).

Our facilities have all manufacturing facilities and equipment covering Laser Cutting, Shearing, CNC Machining, Bending/Folding, Rolling, Press, Jigs & Fixtures, Painting and all General Fabrication machineries required to carry out any kind of steel fabrication.



# OUR CLIENTS

**TOSHIBA**  
Leading Innovation >>>

**MAHLE**  
Driven by performance

**Appaswamy Real Estates**

**SUPER AUTO FORGE**  
Forging ahead into future

**POND'S**

**Avalon**

**UNIVERSAL ABRASIVES**  
MANUFACTURER · DIAMOND WHEELS

**兰又机械私人有限公司**  
LANYU ENGINEERING PTE LTD

**Integral Clock Factory (ICF)**

**KSB**  
Standard Alloys  
Engineered Services

**RALLIS INDIA LIMITED**  
A TATA Enterprise

**ABI-SHOWATECH**

**HARIHARAN**

**FOMAS GROUP**

**TATA**

**SRF**

**JSW**

**POWERGEAR**  
Experience The Power

**ELGI**

**globalREMOTE**  
integrated solutions

**Sundram Fasteners Limited**

**Honeywell**

**Emmarkay Automotive Spares Pvt. Ltd.**

**Alaina**

**SCAW LIMITED** **STEEL & IRON Founders**  
One Of The Largest Steelmaking Media Family In Zambia

**ISO 9001:2015**  
Quality Management

**Fresco Engineering**  
Engineering habitats for intelligent life

**UNIVERSAL ENGINEERS CHENNAI PVT LTD**

**SIDERFORGEROSSİ GROUP**

**globalREMOTE**  
integrated solutions

**POWERGEAR**  
Experience The Power

**EXCEL DIE CASTINGS**





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