Faridabad Furnace Manufacturer Pvt. Ltd.

(A Complete Solution For Ferrous and Non-Ferrous Metals Recycling)

(An ISO 9001: 2015 Certified Company)

Office cum Manufacturing Plant: 4-5, Jajru Ind. Area, Behind Govt. Hospital,
Vill. Jajru, Opp. Sector-59, Ballabgarh, Faridabad-121004 (Haryana) INDIA
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About Us:

Faridabad Furnace Manufacturer Pvt. Ltd. is established in 2004 by Mr. Rishi Saini, a visionary first-generation entrepreneur with over 20+ years of rich experience. Our talented and dedicated team is at the core of our success, enabling FFMPL to become a prominent name in the design, manufacture, supply, and export of turnkey projects for metals & non-ferrous metals such as **Iron, Steel, Aluminum, Lead, Zinc, and Copper, Cobalt Recycling plants and Heat Treatment Plants like ISO Annealing, Hardening and Tempering, Gas Carburizing, Nitrating, Aging Oven, Homogenizing, Salt Bath, Die Steel Hardening & Tempering, Aluminum Hot Top Casting Machine with Handling Machine, Hot Log Sharing Machine, Multi Billet Heating Furnace with Sharing Machine, Stationary Billet Heater, Die Oven and complete Aluminum Extrusion Handling System, Copper Re-rollings and Extrusion Plants with complete handling system and EOT Crane**. **Faridabad Furnace Manufacturer Pvt. Ltd.** is with the objective to provide quality products and raw material for industrial furnace needs. Keeping in mind every aspect and requirement of a client; we produce specific standard components that have attained a top niche in the competitive market. Being capable of holding a high temperature the engineers can produce products in customized sizes and specifications. To meet the highest quality standards, our professional team of experts, labor, and engineers works hard. We manufacture, export, and supply a vast range of industrial furnaces and electrical components that are required to accomplish the national as well as international quality substantial needs of clients. The delivery of the work done in time is the statistic motto of the organization. Our services not only sustain till quality products we strive hard to provide customers with an utmost satisfaction for the long-term association.

With deep expertise in our field, we also offer comprehensive consultancy services to our clients. Our experts conduct meticulous project studies, ensuring they provide insightful guidance and steer our clients in the right direction. At FFMPL, we are committed to excellence and innovation, continually striving to exceed industry standards and client expectations.

We are the leading manufacturer and supplier of extensive range of metal recycling plants that are known for their Reliability, Safety, Durability and Precision heating devices. In the Production process, our product undergo various tests in the manufacturing facility in order to avoid irregularities in design or finish.

20+ Years of Experience

Team at work

We bring to you indeed hard working, well trained and competent team of engineers, workers and labours at Faridabad Furnace Manufacturer Pvt. Ltd. The total strength of 50+ employees is dedicated as well as supportive to bring the excellent outcome that eventually elevates the expectations of our clients in the long run. Commitment, services and job fulfilment is the key objective of our team at work follows every day.

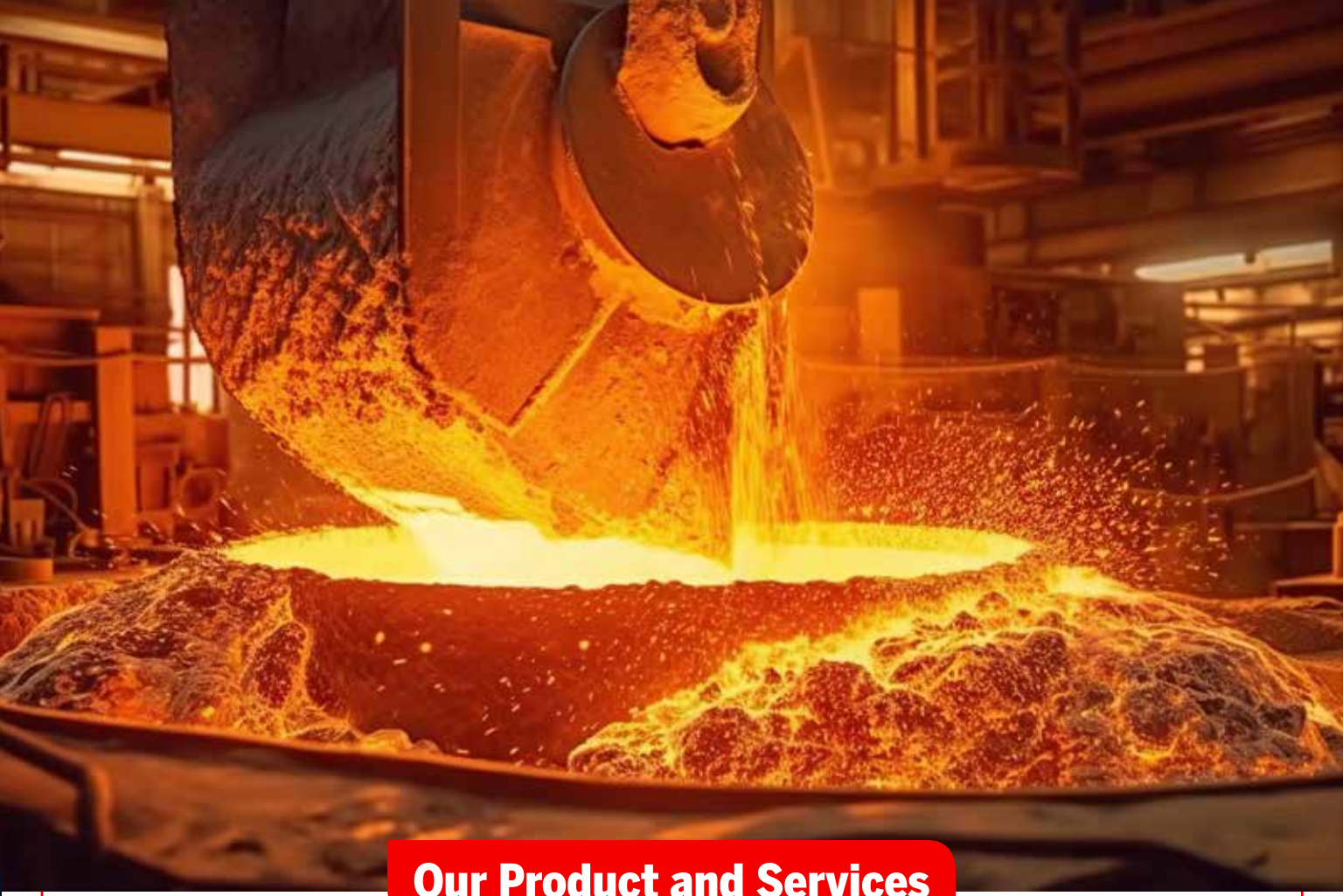
Facilities

After sustaining a well-established position in the market, we can provide customised furnace facilities to the client on demand and assigned period. Moreover, we are exporting, importing and supplying while manufacturing a vast variety of furnace products. Recycling plant facility is also provided at one of the best reasonable price records. We have an inbuilt manufacturing service platform that provides fully loaded cutedge technology to the clients. Without checking each technical parameter, our team does not execute for the final production of the product.

Advanced Technology

The organization possesses a sound infrastructure unit, which is well equipped with technologically advanced machines and equipments like CNC Profile Metal Cutting Machines, Plasma Cutting Machines, MIG Welding Machines, DC Rectifiers, Well Equipped Tool room, Rolling Machines, etc., which ensure high quality and longer service life of machines offered by us.





Our Product and Services

- Aluminum Recycling Plant
- Lead Smelting Plant
- Copper Recycling Plant
- Heat Treatment Furnace
- Cobalt Recycling Plants
- Heat Treatment Plants
- Hot Log Sharing Machine
- Aluminum Hot Top Casting Machine
- Gas Carburizing
- Aluminum Melting Tower Furnace
- Billet Re-Heating Furnace
- Zinc Recycling Plant
- Hydraulic Tilting Type Skelener Furnace
- Multi Billet Heating Furnace with Sharing Machine
- Die Steel Hardening & Tempering
- Stationary Billet Heater
- EOT Crane
- Ingot Casters
- Material Handling System
- Pollution Control System
- Liquid Metal Transfer Ladle
- Die Oven and Complete Aluminum Extrusion Handling System
- Copper Re-rollings and Extrusion Plants with Complete handling system

- Automatic Ingot Stacking Machine Robotic Type
- Automatic Ingot Stacking Machine Gantry Type

With a well versed team of engineers and technicians, we are capable of undertaking Industrial and Plant Turnkey Projects & offer complete services regarding Eerectioning, Commissioning, Modernization and Modification of Client's existing plants and machines.



Heat Treatment Industrial Furnaces

Faridabad Furnace Manufacturer Pvt. Ltd. stands at the forefront of industrial furnace innovation in India, delivering cutting-edge fuel-fired gas fired and electric solutions for both reheating and heat treatment applications. With decades of expertise, our systems power a broad spectrum of industries, from steel plants, automotive ancillaries, and aluminum processing units to defense establishments, railways, and leading private manufacturers.

Our Advanced Furnace Portfolio Includes:

- **Walking Beam Furnaces**
- **Walking Hearth Systems**
- **Rotary and Elevated Hearth Furnaces**
- **Pusher Type Furnaces**
- **Bogie Hearth Furnaces**
- **Pit and Chamber-Type Furnaces**
- **Conveyorized Heat Treatment Lines**
- **Molten Salt Baths**
- **Industrial Ovens and Kilns**
- **Ladle Dryers & Air Preheaters**

Specialized Solutions for Aluminium Industry:

We offer stationary and tilting melting/holding furnaces, along with equipment for annealing, soaking, ageing, homogenizing, and solution heat treatment, all tailored to meet the complex thermal demands of aluminum processing. In addition to new installations, **Faridabad Furnace** excels in retrofitting and upgrading existing furnaces, enabling clients to enhance productivity and optimize energy efficiency with minimal downtime.





Rotary Hearth Type Furnaces

Faridabad Furnace has a full range of Rotary Hearth type Heat Treatment and Reheating Furnaces up to a capacity of 150 MTPH to offer to the Seamless Steel Pipe, Rail Wheel and Axle manufacturing and Forgings Industries. Mostly billets/blooms are placed horizontally on the hearth. Rotary hearth furnaces for vertical loading of the material can also be offered.

Two independent hydraulically operated machines are used for charging and discharging of material one at a time on the rotating hearth. Charging machine will pick-up the material from the Charge Roller Table placed at a particular location and place the material through charge door on the hearth at a predetermined location. Simultaneously, the discharge door will also open-up and the discharging machine will pick-up the hot material from the hearth and deliver the material to a discharge roller table. Both charging and discharging doors shall be driven by dedicated electro-mechanical/hydraulic drive arrangement.

Pusher Type Furnaces

Faridabad Furnace has a full range of Pusher type Reheating Furnaces up to a capacity of 80 MTPH to offer to the steel rolling industry. These furnaces can be Top Fired or Top & Bottom Fired, depending on the cross section of the charge material. Billets or slabs are charged on the hearth side by side so that it can be pushed from the charge end the discharge end by means of a electro-mechanical or hydraulic Pusher Machine. The material can be end-discharged at the opposite end or by side-discharge by an Ejector, to suit customer's mill requirements. All machinery for automatic operation such as Slab Extractors and Pinch Rolls to suit each typical requirement is tailor made to give best results.

The furnaces are fired with Wesman's high efficiency burners supported by a full complement of combustion system consisting of combustion fan, atomizing fan, oil heating and pumping systems and/or gas trains. In addition auto ignition, flame failure safety and complete control systems are offered. Practically any type of liquid or gaseous fuel can be used viz. Furnace Oil, Light Diesel Oil, LPG, Natural Gas, Coke Oven gas, Blast furnace gas, Producer gas singly or a combination of any oil or gas in case of dual fired furnaces.



Walking Hearth Type Furnaces

Faridabad Furnace has a full range of Walking Hearth type Reheating Furnaces up to a capacity of 100 MTPH to offer to the steel rolling industry. Billets or slabs are charged on the hearth at required spacing through side door over water cooled rollers, will move from charging to discharging end by means of hydraulically driven walking hearth mechanism and are discharged through the side door over water cooled rollers or with the help of ejector. The furnaces can also be designed for end-charging with the help of charge pusher and end-discharging by extractor to suit customer's requirement. All machinery for automatic operation such as Extractors, Ejectors and Pushers to suit each typical requirement is tailor made to give best results.
Suitable number of moveable refractory lined walking hearths is provided across the width of the furnace for movement of material from charging to discharge end. Hydraulically operated walking hearth mechanism is provided for material movement from one station to another.

Continuous Tray Pusher Type Furnace

Faridabad Furnace has a full range of Continuous Tray Pusher type Heat Treatment Furnaces up to a capacity of 10 MTPH to offer to the Automotive Castings, Forgings and other metal industries. These Heat Treatment Furnaces comprise of Tray Pusher type Hardening and Tempering Furnaces with Quenching facilities for polymer or oil as per the process requirement.

Trays loaded with material are charged on the hearth over side by side skid rails so that it can be pushed into the furnace by means of pneumatically/hydraulically operated pusher mechanism. Trays with material will be discharged at the opposite end of hardening furnace and will be placed over the cradle of the quenching system, which will immerse the charge tray with the material into the quench tank. After the quenching cycle is over, cradle will lifted up from the quenching tank and will be moved forward to the charge side of tempering furnace by means of electro-mechanical discharge roller conveyor. Trays with material, one by one, will again be charged on the hearth of the Tempering Furnace side-by-side so that it can be pushed from charging end to the discharging end by means of pneumatically/hydraulically operated pusher mechanism. Trays loaded with material one by one can be end discharged at the opposite end of the tempering furnace in the unloading area where the material can be unloaded by means of hoist or tilting mechanism or manually. The empty trays can be brought to loading area of the Hardening Furnace for the next cycle over conveyors. driven walking hearth mechanism and are discharged through the side door over water cooled rollers or with the help of ejector. The furnaces can also be designed for end-charging with the help of charge pusher and end-discharging by extractor to suit customer's requirement. All machinery for automatic operation such as Extractors, Ejectors and Pushers to suit each typical requirement is tailor made to give best results.
Suitable number of moveable refractory lined walking hearths is provided across the width of the furnace for movement of material from charging to discharge end. Hydraulically operated walking hearth mechanism is provided for material movement from one station to another.

Walking Hearth Type Furnaces

Faridabad Furnace has a full range of spring Heat Treatment Furnaces up to a capacity of 11 MTPH to offer to the Coil and Leaf Spring Manufacturing Industries. These Furnaces comprise of Hardening and Tempering Line. The Hardening Furnace can be Walking Beam Type with Quenching Facility for Polymer or Oil as per the process requirement and the Tempering Furnace can be Conveyor Type.
The Leaf and Bars or Cylinders can be loaded to the Hardening Furnace by suitable charger or manually over water cooled rollers. The Hardening Furnace can be Walking Beam Type with minimum number of walking beams depending the length of the Leaf Springs and the Coil Bars to minimize the heat leakages. The Walking and the Fixed Beams are provided with suitable saw teeth and curved teeth to have minimum supporting area for the Leaf Springs and the Coil Bars for better heat treatment during hardening. The walking beam can be Hydraulically or Electro-mechanically operated. The Leaf and Coil Bars can be end-discharged at the opposite end or side-discharged over water cooled Rollers to suit customer's press for forming Leaf and Coils tailor made to give best results. The Tempering Furnace can be Conveyor Type and located as per the space available of the customer for suitable tempering.





Faridabad Furnace Manufacturer Private Limited India's Leading Copper Rod (CCR) Plant Manufacturer in India

Faridabad Furnace Manufacturer Private Limited is a leading manufacturer of Copper Continuous Casting Rod (CCR) plants in India, providing advanced machinery and complete plant solutions for the production of high-quality copper rods.









The CCR plants are suitable for manufacturers supplying to various sectors such as electrical, infrastructure, automotive, aviation, and technology industries, where high-performance copper rods are essential for downstream applications like wires, cables, flat wires, and enamelled wires.













The company designs and manufactures technologically advanced CCR plants using modern engineering practices and imported components. These plants are capable of producing copper rods with uniform diameter (typically 8mm to 12mm), high electrical conductivity, excellent surface finish, and superior drawing properties. With over 20 +years of experience, Faridabad Furnace Manufacturer Private Limited has established itself as a reliable partner for delivering robust, efficient, and high-performance copper rod manufacturing solutions.



Our Happy Customers

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SRI BALAJI ALLOYS

Manaksia Steels Limited
STEELS
An ISO 9001 : 2015 Company

Sunland

CMR
For a better tomorrow

PARAGON
ALUMINIUM

METAL EXTRUSIONS

MG
METAL GEORGIA

Metenere
values delivered
(Formerly Met Trade India Limited)

INDO ALUSYS INDUSTRIES LIMITED
SUPERIOR TECHNOLOGY. SUPERIOR SOLUTIONS

MRI
METAL RECYCLING INDUSTRIES LIMITED

SBA
Building a green future by recycling

Ratan Aluminum

PEARL ALLOYS

JPM
JP MINDA GROUP
SINCE 1986

BSM

Manaksia Aluminium Company Limited


ARFIN


JP Global

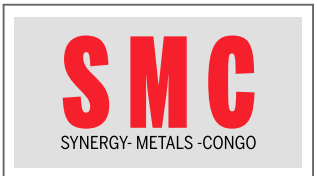

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RECYCLAGE DES METAUX / METALS RECYCLING


نسما لإعادة التصنيع
Nesma Recycling Co.Ltd.


VIRGO
GROUP


GEORGE
INDUSTRIES


CMR Toyotsu Aluminium
India Pvt Ltd


SMC
SYNERGY- METALS -CONGO




Ayaan Global
Recycling for green future


GOYAL ALUMINIUMS LIMITED


AURANGABAD ELECTRICALS LIMITED
A CIE AUTOMOTIVE GROUP COMPANY


SEASHORE STEEL W.L.L.


POCL


INALCO


JAIN
METAL GROUP
recycle today
greener tomorrow.


JATL
A JP MINDA GROUP COMPANY


SHRI SABHARI
SMELTERS PRIVATE LIMITED


SUN
Recycling Today For
A 'Brighter' future


emi
Eswari Global Metal Industries Pvt Ltd


ALOM


ambika
Tools People Ask For By Name


GNA
GNA AXLES LIMITED


GNA
DRIVELINES
A TS-16949 & ISO 14001 Company


INDO AUSVS INDUSTRIES LIMITED


TRINITAN
METALS & MINERALS


ENDURANCE
Complete Solutions


KAMDHENU
GROUP


Sri Balaji Castings
Private Limited


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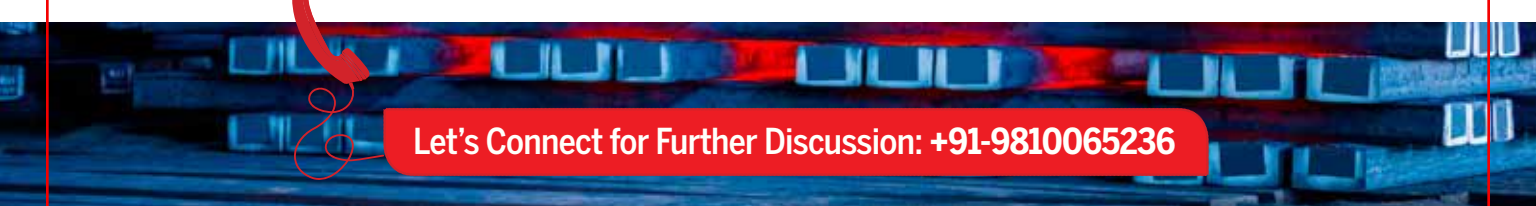

Ashiana Ispat Limited


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