

TRENDS ENGINEERING SOLUTIONS PRIVATE LIMITED



Engineering for metal processing

Manufacturing. Trading. Installation.

Industrial furnaces, metal processing plants, combustion systems, hydraulic machinery, cable machinery and non-ferrous scrap.

Manufacturers and Exporters

Trader and Importers

01 | COMPANY PROFILE

Engineering since 1992

Established in 1992 by the late Mr. D. P. Singh in a small shop in Faridabad, Haryana, the business began as a sole proprietorship under the name Singh Engineering Corporation / Singh Industries. In early 2005, it was incorporated as Trends Engineering Solutions Private Limited.

Today, under the mentorship of Mr. Rahul Singh, the company continues to grow in the furnace and Copper CCR plant industries. It brings together manufacturing, export, trading and import activities for industrial heating and metal processing applications.

Manufacturers and Exporters

Copper CCR Plant, Aluminium Rod Plant, Aluminium Melting Furnace, Industrial Furnace, Billet Reheating Furnace, Combustion Equipments and Refractories.

Trader and Importers

Aluminium Scrap, Copper Scrap and Industrial Machineries, including cable machinery.

From facilities to finished systems

Our corporate portfolio covers the office, manufacturing unit, warehouse, raw material stock, machining, fabrication, assembly and installation activities shown in the company film.



Our Office



Our Factory



Warehouse

02 | OUR OFFICE

Faridabad office



Our Office | SSR Corporate Park



Office entrance



Reception and lounge



Visitor seating

OFFICE ADDRESS

G-10 A, SSR Corporate Park
Sector 27 B, 13/6, Mathura Road
Faridabad, Haryana, INDIA

03 | MANUFACTURING UNIT

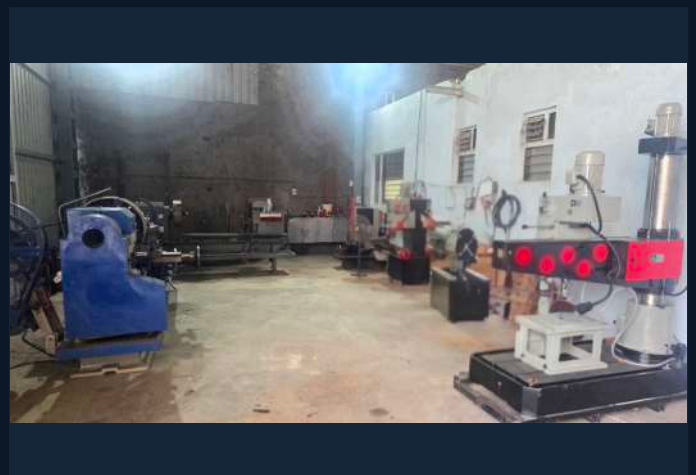
Our Factory | Faridabad



Our Factory | Faridabad



Manufacturing and fabrication



Our machine shop

Factory operations include machining, fabrication, equipment assembly and installation preparation.

04 | WAREHOUSE & STOCK

Storage and material stock



Warehouse and Raw Material Stock Godown | Faridabad



Steel and material stock



Pipe stock



Structural sections

Raw material storage, stock yard and warehouse handling form part of the company portfolio.

05 | PROCESSES & INSTALLATION

From fabrication to installation



Plant Construction



Project Installation



Furnace Fabrication and Installation



Production Line Layout

01
Machining

02
Fabrication

03
Assembly

04
Installation

06 | HOT PRODUCT | COPPER CCR

Copper CCR Rod Plant

CONTINUOUS CASTING & ROLLING

Our featured product for copper rod manufacturing. Copper CCR brings continuous casting and rolling together in one production line.



Copper CCR Rod Plant | Casting, rolling and coiling

A dedicated copper rod product category

From casting to rolling and rod coiling, this section highlights the equipment and production stages of the Copper CCR plant.

Continuous Casting

Rolling Mill

Rod Coiling

07 | COPPER CCR | PLANT SECTIONS

Casting & Rolling



Copper CCR | Casting section



Copper CCR | Rolling line



Rolling mill detail

The core production stages

Continuous casting forms the copper bar. The rolling section then reduces and shapes it into rod, followed by downstream coiling.

08 | COPPER CCR | ROD PRODUCTION

Copper Rod & Coiling



Copper Rod Coils

From the line to copper rod coils

Copper rod production and coil handling complete the product story. The photograph above shows copper rod coils packed on pallets.

Discuss your Copper CCR project

Share the required plant capacity, target rod size, available space, utilities and installation location with our team for a project-specific discussion.

Manufacturers and Exporters | Copper CCR Rod Plant

09 | ALUMINIUM | MELTING FURNACES

Aluminium Melting Furnaces

MELTING, HOLDING & TILTING

A dedicated product section for aluminium melting furnaces and related melting and holding equipment.



Aluminium Melting Furnace



Rotary furnace equipment

Furnace project enquiries

Discuss the charge material, required melting capacity, fuel preference and plant layout with our team.

10 | ALUMINIUM | INGOT CASTING

Aluminium Ingot Casting Plant



Aluminium Ingot Making Plant | Casting line

From molten aluminium to ingots

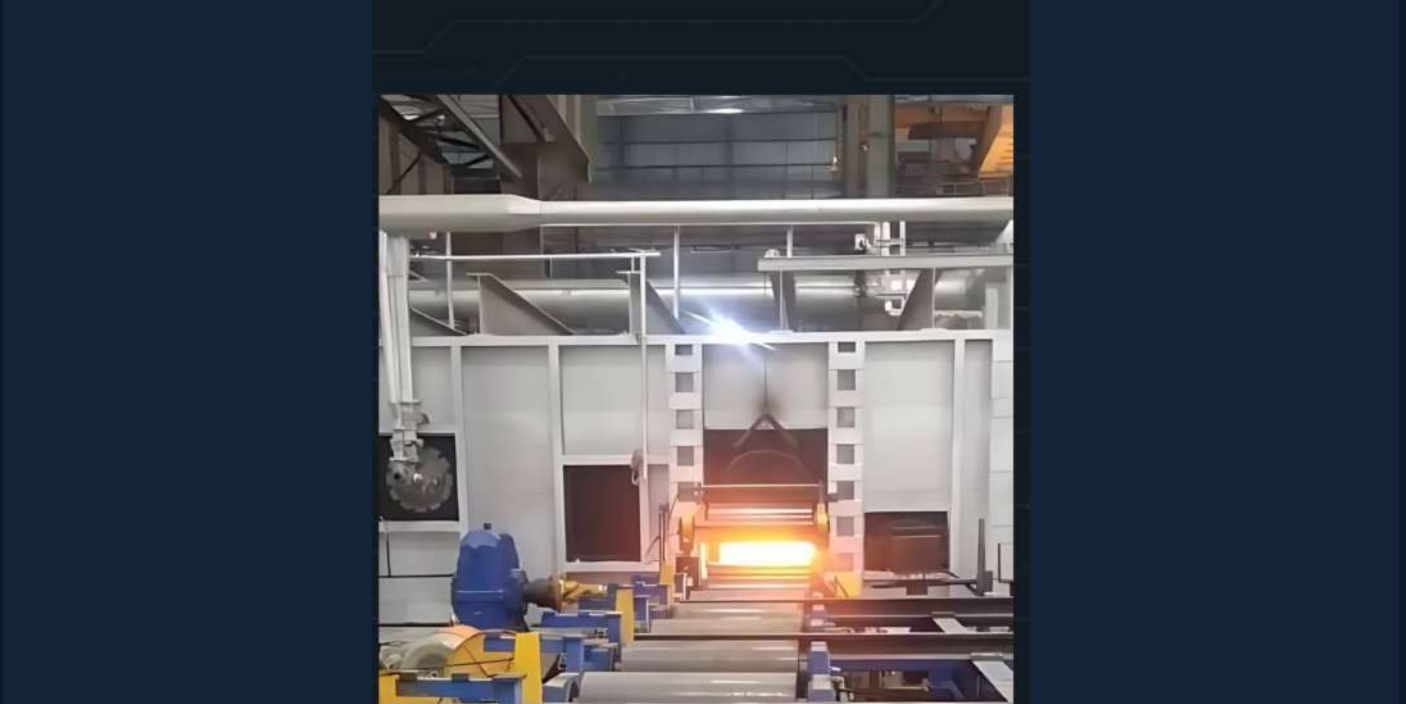
Aluminium ingot casting is part of our metal processing plant portfolio. The photograph above shows the ingot casting line and associated equipment.

Discuss your ingot casting plant

Share the desired ingot size, casting output, melting furnace arrangement and available installation space for a project-specific discussion.

11 | BILLET FURNACE | REHEATING

Billet Reheating Furnace



Billet Reheating Furnace



Billet furnace in operation

Industrial billet heating

Billet reheating furnace equipment for industrial heating applications.

Oil / Gas and Coal fired furnace applications are included in the product range.

Discuss billet dimensions, production requirements, fuel availability and line layout with our team.

12 | TILTING FURNACE | EQUIPMENT

Tilting Furnace Equipment



Rotary furnace equipment



Melting and holding equipment

Furnace selection & layout

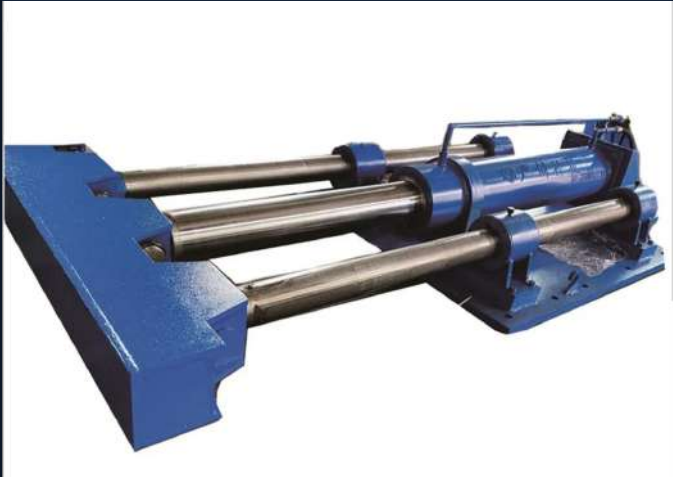
Tilting furnace equipment forms part of our industrial furnace range.

Discuss the material to be melted, charging arrangement, pouring needs and available space.

Manufacturing. Fabrication. Installation.

13 | BILLET HANDLING | PUSHERS

Hydraulic Pusher Systems



Hydraulic Pusher | Billet furnace applications



Billet Reheating Furnace | Handling section

Pushers for billet reheating furnaces

Hydraulic pushers support billet handling in reheating furnace applications. This section brings together the pusher equipment and furnace handling visuals from our product catalogue.

Plan the furnace and handling system together

Share billet size, handling sequence, required pushing stroke, plant layout and installation needs with our team when discussing the equipment.

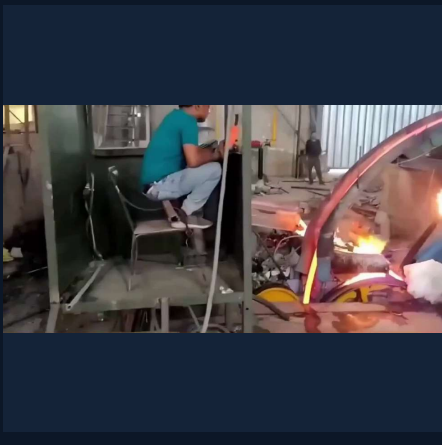
Hydraulic Pusher | Billet Handling | Furnace Integration

14 | METAL PROCESSING PLANTS

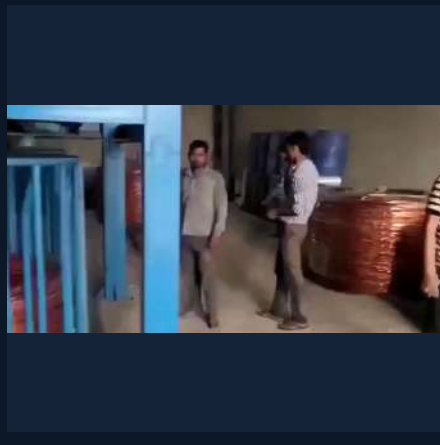
Copper & Aluminium Plants



Copper CCR Rod Plant | Rolling section



Copper CCR Rod Casting



Copper Rod Production



Aluminium Rotary Furnace

Plant portfolio

Copper CCR continuous casting and rolling plants | Aluminium Rod Plants | Aluminium Ingot Making Plants | Copper Rod Production

15 | INDUSTRIAL FURNACES

Melting & Reheating Furnaces



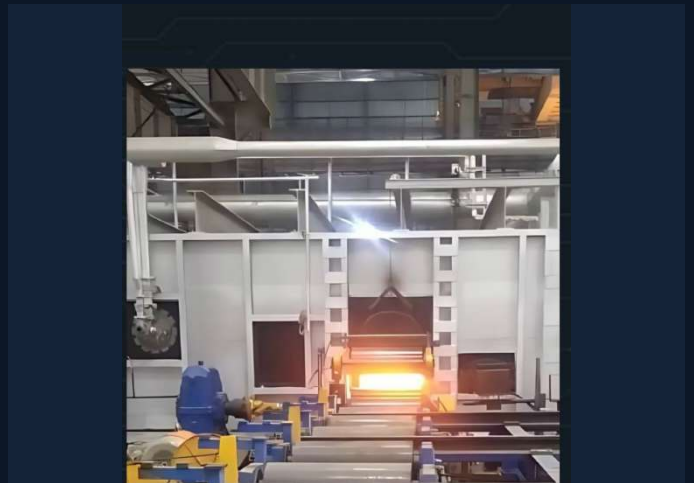
Copper Melting Furnace



Industrial Melting Furnace



Melting and Holding Equipment



Billet Reheating Furnace

Furnace range

Copper melting: Reverberatory, Rotary, Super D and PIT / POT furnaces.

Aluminium melting furnaces and industrial heating equipment.

Billet reheating: Oil / Gas and Coal fired furnace applications.

16 | COMBUSTION & FUEL SYSTEMS

Burners, Fuel & Heat Recovery



Gas Burner

Fuel and gas burner range



Oil Burner

Industrial combustion equipment



Centrifugal Blower

Combustion air supply



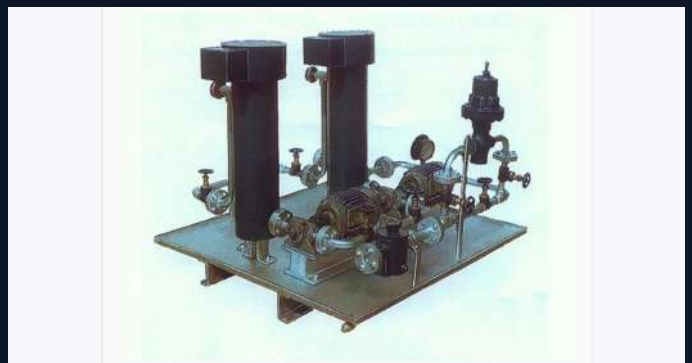
ID Fan

Induced draft fan



Gas Train System

Fuel gas control system



HP Unit

Heating & Pumping Unit



Recuperators | Heat Recovery

17 | HYDRAULIC MACHINES

Hydraulics & Refractories



Hydraulic Pusher



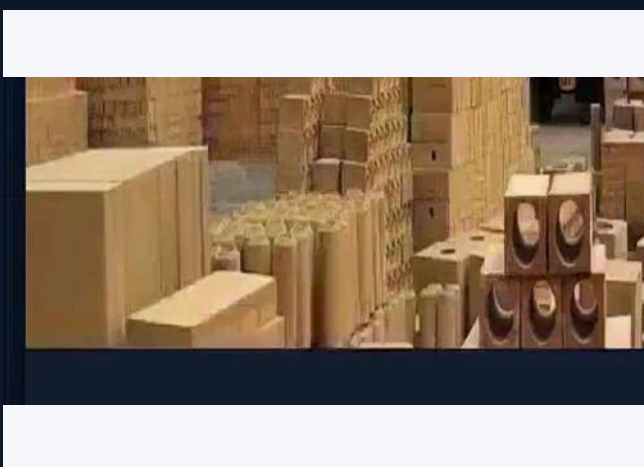
**Billet Reheating Furnace
Ejector**



Hydraulic Baling Press

Pusher applications and scrap handling

Hydraulic pushers for billet reheating furnace applications and hydraulic baling presses are included in the product portfolio.



Refractory Items

Refractory supply for industrial furnace applications.

Contact the company for selection and supply requirements.

18 | TRADING & IMPORTING

Scrap & Cable Machinery



Copper Scrap



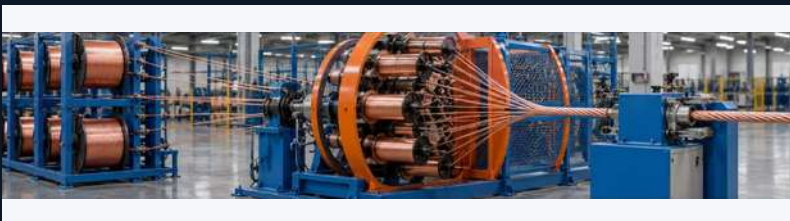
Aluminium Scrap

All types of copper scrap available

Wire scrap, pipe scrap, winding scrap, plate and busbar scrap.



Cable Extrusion Line



**Bunching / Stranding
Machines**



Wire Drawing Machines

Trader and Importers | Industrial Machinery and Cable Machinery

Illustrative product visuals, as shown in the corporate video.

19 | OUR CLIENTS

Our Client Names

CLIENT PORTFOLIO | 1 OF 2



OfBusiness



Electrotherm India

POLYCAB

Polycab



KRIBHCO



Delton Cables



Berlin Cable



Vedanta



Jain Recycling, Chennai



Lohum

20 | OUR CLIENTS

Our Client Names

CLIENT PORTFOLIO | 2 OF 2



Rajnandini Metal Limited



Bhagyanagar Copper
Limited

PREET

Preet Rolling Mill



SAIL India



Pashupati Iron & Steel Pvt.
Ltd.
Nepal



Hama Iron and Steel Ltd.
Nepal



Jagdamba Steel
Nepal



Honda Motorcycles Limited



Metworld Togo

21 | **CONTACT DETAILS**

Let's discuss your next project

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rahulsingh@tesplindia.com

www.tesplindia.com

www.SinghIndustrialFurnace.com

REGISTERED OFFICE

400-A, 4th Floor
12 Ajit Singh House
Yusuf Sarai Commercial Complex
Near Green Park Metro Station
Exit-2, New Delhi 110016
INDIA

CORPORATE OFFICE

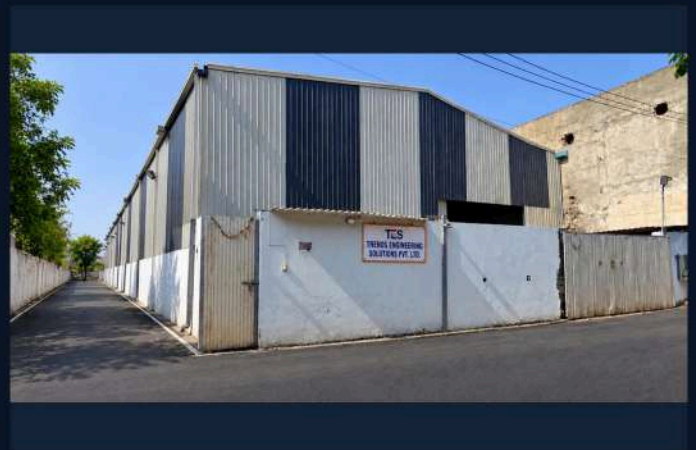
G-10 A, SSR Corporate Park
Sector 27 B, 13/6
Mathura Road
Faridabad, Haryana
INDIA

WORKS

Plot No. 25, Gali No. 3E
Sarurpur Industrial Area
Sohna Road, Sector 53
Faridabad, Haryana
INDIA



Our Office | Faridabad



Our Factory | Faridabad

Manufacturers and Exporters

Trader and Importers

