



SEIZING  
OPPORTUNITIES

ROHIT FERRO-TECH LIMITED

## PEDIGREE

- Part of the € 450 million SKP Group with interests in the manufacture and trading of ferro alloys, steel, metals and minerals.
- Promoted and managed by Suresh Kumar Patni - Chairman, Rohit Patni - Managing Director and Ankit Patni – Joint Managing Director

## BUSINESS

- A Ferro Alloys company, possessing one of India's largest capacities.
- A Mining company having economic interest in coal mines (Thermal & Coking Coal) in Indonesia for captive use and merchant sale through its wholly owned subsidiary company.
- A Stainless Steel company focused on value-addition.

## CLIENTELE

- Exports over 63% of ferro alloys to Europe, Asia, USA, South America and the Middle East.
- Key Indian consumers include major stainless steel producers and government steel plants. The clientele includes prominent names like POSCO, YUSCO, LISCO, Glencore, Arcelor Mittal, ABS, Bao Steel, Stemcore, ThyssenKrupp, Jindal Steel, Sail and Shah Alloys among others.

## PRODUCTS

- Ferro Alloys – High Carbon Ferro-Manganese, Silico-Manganese, High Carbon Ferro-Chrome and Ferro-Silicon.
- Stainless Steel - Blooms, Bars, Bright Bars, Flats, Hexagons and Wire Rods. RFTL has an extensive product basket consisting of over 100 numerous grades, sizes and profiles.



## ACCREDITATIONS

- Manufacturing units certified for ISO 9001:2008
- Registered as a four-star export house

## LOCATIONS

- Headquartered in Kolkata, India.
- Manufacturing facilities in Bishnupur and Haldia in West Bengal (India) and Jajpur, Orissa (India).
- Warehouses - RFTL has tie-ups with following Ware Houses :
  - M/s. Euro-Rijn International B.V., Rotterdam, Netherlands
  - M/s. C.Steingweg Warehousing (F.E.) Pte Ltd, Shanghai, China

**EXTENDING  
GREATER  
SUCCESS**

## TYPES OF STAINLESS STEEL

The major types of stainless steel RFTL produces are :

- Austenitic
- Ferritic
- Martenistic
- Austenitic-Ferritic grades
- Stainless Steel with special grades of Precipitation hardening, Cold heading and Electrode quality etc.



## STAINLESS STEEL MELTING SHOP

Continuous Cast Billet/Cast Ingot	Austenitic, Ferritic, Martenistic, Austenitic-Ferritic
Process Route	Induction Furnace, AOD Refining, Ladle Refining, Continuous/Ingot Casting
Induction Furnace	2 Nos 15 Ton Induction Furnace
A.O.D	35 Ton with Intelligent Refining System
Ladle Refining	30 Ton Ladle Refining furnace
Casting	6/11M Radius Continuous Casting Machine
Cast size (mm) Square billets	125, 140, 160 & 200
Ingot	280 x 355, 330 x 430, 400 x 500 & Polygonal Ingot 4.5 MT.
Production capacity	100,000 ton per annum

# STAINLESS STEEL

### STAINLESS STEEL ROLLING MILL

550mm dia fully automatic with complete quality control equipments like Metallurgical Spectrometer, Gas Analyzer, Universal Testing Machine, Microscope etc. for production of stainless steel wire rods, rounds from sizes 25mm to 200mm and profiles.

### CONTINUOUS CAST BILLETS & INGOTS

Rohit billets/ingots are a perfect solution for re-rolling, ring rolling & forging applications.

Size range(mm)	Weight per Mtr. (in Kg)
100 x 100	75
140 x 140	150
160 x 160	195
130 x 190	190
130 x 210	210

## INGOT

### Size range (mm)

280 x 355, 330 x 430, 400 x 500

& Polygonal Ingot 4.5 MT

### Supply conditions :

- Suitable for re-rolling, ring rolling, forging & Up-setting
- Spot ground or fully ground condition
- Cold Sawable
- Hard stamped with heat number, grade, size & weight
- Free of surface defects and cracks
- Smooth ends (without burrs)/no sharp edges
- 100% ultrasonically tested material.



# FOR TODAY & TOMORROW

## HOT ROLLED BARS & RCS

Rohits' hot rolled bars & billets are a perfect solution for all forging applications like close die forging & open die forging.

### Size range (RCS)

50 x 50 mm, 63 x 63 mm, 75 x 75 mm, 90 x 90 mm, 100 x 100 mm

### Size range (Bar/Round)

6 mm to 125 mm

### Supply conditions :

- Hot rolled (black) surface as rolled condition
- Spot ground or fully ground surface as per requirement
- Heat treated, annealed, solution annealed, hardened, oil quenched, tempered
- Free of surface defects/cracks
- Smooth ends (without burrs) no sharp edges
- Packed in bundles of maximum 2 tons weight with weather proof labeling
- Length upto 4 - 7 meters
- 100% ultrasonically tested material



## BRIGHT ROUNDS/BARS

Specifications	EN, DIN, JIS, ASTM, BS, ASME, AISI, IS
Size range	6 mm to 125 mm
Length	4M to 7M or customized lengths as per buyers requirement
Supply condition	Cold drawn, center less ground, rough peeled, peeled & polished. Special cut to length with tolerance of -0, +10 mm Straightness upto 0.5 mm per meter TIR
Heat Treatment	Annealed, Solution annealed, Quenched & tempered, Hardened & tempered
End finish	Chamfered ends (30,45,60 degrees) plain ends without burrs or sharp edges

## SQUARES & HEXAGONAL BARS

To arrive at a more reliable product with increased consistency in the mechanical properties, which helps in better machinability, each bars and hexagon is very carefully controlled during heat treatment & quenching process.

Specifications	EN, DIN, JIS, ASTM, BS, ASME, AISI, IS
Size range	Squares : 12 mm – 40 mm Hexagon : 12 mm – 45 mm
Lengths	3 to 6M
End finish	Chamfered ends (30, 45, 60 degrees) plain ends without burrs or sharp edges

## WIRE RODS

Standards	ASTM, ASME, AISI, BS, JIS, DIN, AMS
Sizes	5.5 mm to 32 mm
Wire Rod Line	5.5 mm to 12 mm
Garret Coil Line	14 mm to 32 mm
Regular Grades	201, 202, 204 Cu, 304, 304L, 309, 310, 316, 316L, 321, 403, 430L, 410, 430.
Supply Conditions	Wire rod – Hot rolled solution annealed and pickled. WT 1.2 Tons





# APPLICATIONS



RFTL's products have wide applications across diverse industries including Chemical, Petrochemical, Oil Pipelines, Wagons, Automobile, Structural Designs, High Tensile Springs, Pressure Vessels, Liquid Storage Vessel, Surgical Instruments, etc. to name a few.

With stainless steel usage gaining ground in newer segments such as railways, architectural buildings and construction projects, including airports, industrial segments and white goods, prospects of consumption growth in India for this segment is around 17 – 18%.



## **ROHIT FERRO-TECH LIMITED**

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