



EURASIA STEEL SERVICES

The Energy Behind Steel

116 EUGLIA BEIJING 2006

Industrial Base Raw Materials

A black and white silhouette of a man in a suit sitting on a chair, looking out a window. The window is divided into a grid pattern. The man is holding a pen and looking towards the right. The background is a gradient from light to dark.

CEOs' Foreword

“ Welcome to Eurasia Steel Services - we look forward to introducing new direct supply options to you and look forward to working together to form a successful, prosperous and long term business relationship.”

Industrial base raw materials, whether sourced for the steel industry or otherwise - are very important global commodities, influencing world economies. Sourcing these commodity products is a global challenge, in what is now a truly global market. Companies, whose own saleable products rely on a seamless and competitive supply of such commodities, cannot afford to be without international and quality supply alternatives. Prices, along with the demand and supply of such commodities, can be hugely influenced by world market activities, and as such, the importance and value of having international supply alternatives of these products cannot be understated.

Eurasia Steel Services, acting as an expert intermediary, will help to bring you direct and international supply options by introducing you directly to the major suppliers of commodity products that we represent. With the benefit of our enviable experience of working in both upstream and downstream environments, and by utilizing our knowledge of world markets and the production processes from end to end, Eurasia Steel Services will add value to your supply chain by managing the introductions and relationships with our Principals, ensuring that your requirements and necessities are fully understood, whilst at the same time affording to you the additional commercial benefits associated with direct sourcing.

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EURASIA STEEL SERVICES



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The gateway to some of the worlds' most reputable, quality assured and direct supply chains.

Introduction

Eurasia Steel Services represents a gateway to some of the worlds' most reputable, quality assured and direct supply chains. As an independent company, with expertise spanning over 25 years in the steel industry, we work directly with some of the worlds' most well respected re-cycling, processing and distribution companies of commodity products, providing commercial and technical representation on their behalf throughout Europe and the Asia Pacific.



Finding alternative supply sources, whether through the internet or trade directories, is a relatively easy process these days. However, in order to acquire a good understanding and co-operation with a new supplier is a different story altogether. Nevertheless, whether it be industrial raw materials, feedstock, long products or shaped and machined components that you are looking to source, Eurasia Steel Services will ensure that the support and co-operation is quickly established with the suppliers that we represent.

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Our role

Our role is to help connect our customers directly with our Principal Supply Sources that we have worked with and trusted for over 25 years.

We simplify the technical jargon and remove obstacles in order to allow the buyers and sellers that we bring together to dedicate their time and efforts to maximizing their respective business opportunities.

Let us save you time, money and effort by connecting you directly in to some of the worlds' best supply chains.

“ Coming together is a beginning, keeping together is progress and working together delivers success.”



Mission Statement

Eurasia Steel Services will continue to add value to the supply chains that we manage, providing impartial advice and services to our trading partners, delivering profitable and innovative solutions to industrial and engineering markets with the supply of quality products and high integrity components. We will continue to invest and commit to long term collaborations, engaging with like-minded companies and associates to deliver products and profits for all of our stakeholders.

We will ensure the longevity of our company, in association with our trading partners, by developing the scope and activity of our business, expanding the profile of the products and services we offer, whilst providing the highest level of professionalism, integrity, quality and customer service.

We will achieve our mission by listening to, and working together with our stakeholders and clients to ensure that we understand their aspirations. Furthermore, we will achieve our mission by understanding our core markets and the fundamental forces that affect and drive them, understanding our supply partners and their strengths and objectives, understanding the requirements and necessities of our customers and the standards and values they entrust to us, understanding that successes are synergetic and are best celebrated and shared – and understanding that success is not just an achievement, but the benchmark by which we must set our minimum goals and standards.

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Industrial Base Raw Materials



Typical Products Supplied

- Busheling Scrap
- All types of Mixed Scrap
- Processed Bales
- Reject Coils
- Used Pipes / Rails
- Coal
- Ferro Alloys



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Ferrous Scrap Portfolio

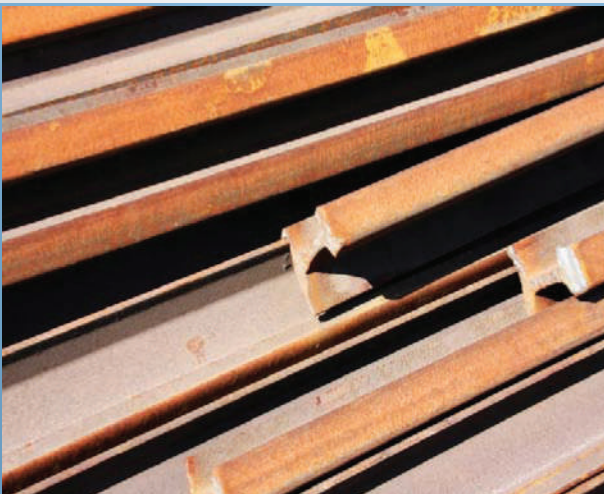
**HEAVY
MELTING STEEL
1&2 ISRI SPEC
200/206**



**SHREDDED
SCRAP ISRI
SPEC 211**



**USED RAIL ISRI
SPEC R50-R65**



**PLATE AND
STRUCTURAL
ISRI SPEC
231/237**





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Ferrous Scrap Portfolio

OA



4C BALES



TIN CAN BALES



STEEL TURNINGS





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Ferrous Scrap Portfolio

TYRE WIRE



STEEL
BUSHELINGS





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Ferro Alloys



Material Description: **Standard Ferromanganese**
(H.C. FeMn)

Chemistry:

Mn	74.0 - 82.0%
C	7.5% Max
Si	1.2% Max
P	0.35% Max
S	0.05% Max

Size:

3" x 1"	3/8" x 12 Mesh
4" x 1"	3/8" x Down
6" x 4"	2" x 1/2"

Customized sizing available upon request.

Bulk Density:	250 lb./cu.ft.
Apparent Density:	7.2 gm/cubic centimeter
Approximate Melting Range:	2310 °F Liquidus 2100 °F Solidus

Application: In cast iron, manganese is used mainly to counteract the adverse effects of sulphur. In steel, manganese acts as a deoxidizer and combines with sulphur, thereby improving the hotworking properties of the steel, improving the strength and toughness.



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Hot Briquetted Iron (HBI)



CHEMICAL COMPOSITION

	Guaranteed	Expected
Total Iron (T.Fe)	91.0% Min	91.5%
Metallic Iron (M.Fe)	85.0% Min	86.0%
Metallization	93.4% Min	94.0%
Carbon (C)	1.3% Max	
Phosphorous (P)	0.055% Max	
Sulphur (S)	0.005% Max	
Total Gangue (CaO+Al ₂ O ₃ +MgO-SiO ₂)	4.8% Max	4.5%

PHYSICAL PROPERTIES

Bulk Density:	2.4 - 2.7
Apparent Density (ton/m³)	4.9 Min
Average Size (mm)	106 x 48 x 32
Size under 1/4 Inch at loading port	5.0 % Max



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Directly Reduced Iron (DRI)



CHEMICAL COMPOSITION

	Guaranteed	Expected
Total Iron (T.Fe)	91.5% Min	92%
Metallic Iron (M.Fe)	85.5% Min	86.0%
Metallization	93% Min	94.0%
Carbon (C)	2.5% Max	
Phosphorous (P)	0.055% Max	
Sulphur (S)	0.005% Max	
Total Gangue (CaO+Al ₂ O ₃ +MgO-SiO ₂)	4.8% Max	4.5%

PHYSICAL PROPERTIES

Bulk Density (ton/m³)	1.6 - 1.9
Size under 5 mm. at loading port	5.0 % Max



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Steel Grinding Balls Manufactured from Used Rails

CHEMICAL COMPOSITION USED RAILS



Carbon (C)	0.54 - 0.82
Silicon (Si)	0.16 - 0.40
Manganese (Mn)	0.60 - 1.05
Sulphur (S)	0.04 Max
Phosphorus (P)	0.035 Max

NORMS: R-50 GOST-7173-75 AND R-65 GOST-8165-75
THE SCRAP CONSISTS OF R-50 (41.67 KG/M)
R-65 (64.72 KG/M)



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Energy Coal





Shipping & Logistics – Bulk Cargo’s by rail or sea, container loads, de-stuffing services and onward road haulage - delivered to site.



Scrap

Energy
Coal

HBI & DRI

Ferro
Alloys



Eurasia Steel Services

Eurasia Steel Services – connecting buyers of Industrial Base Raw Materials directly with our Principal Partners, bringing you quality assured, competitive and alternative international supply options. Our focus is on quality and service, ensuring that our customers return to us - and our products do not.

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Contact Details.



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