



# Muhibah Ferrous Metal Sdn Bhd: Sustainable Metal Solutions

Welcome to Muhibah Ferrous Metal, a leader in sustainable metal production and trading. Established in 2020, we have become a trusted name in the industry. We specialize in processing, storing, and wholesaling a wide range of scrap metals, offering efficient and reliable delivery services.

# Our Sustainable Approach

## □ Environmental Stewardship

We are committed to environmental sustainability through responsible sourcing, processing, and recycling of scrap metals.

## □ Resource Efficiency

We maximize resource utilization by transforming scrap materials into high-quality metal products.

# Core Operations: Processing and Recycling

1

## Iron, Copper, and Aluminum Ingots

We specialize in manufacturing high-quality ingots from scrap materials.

2

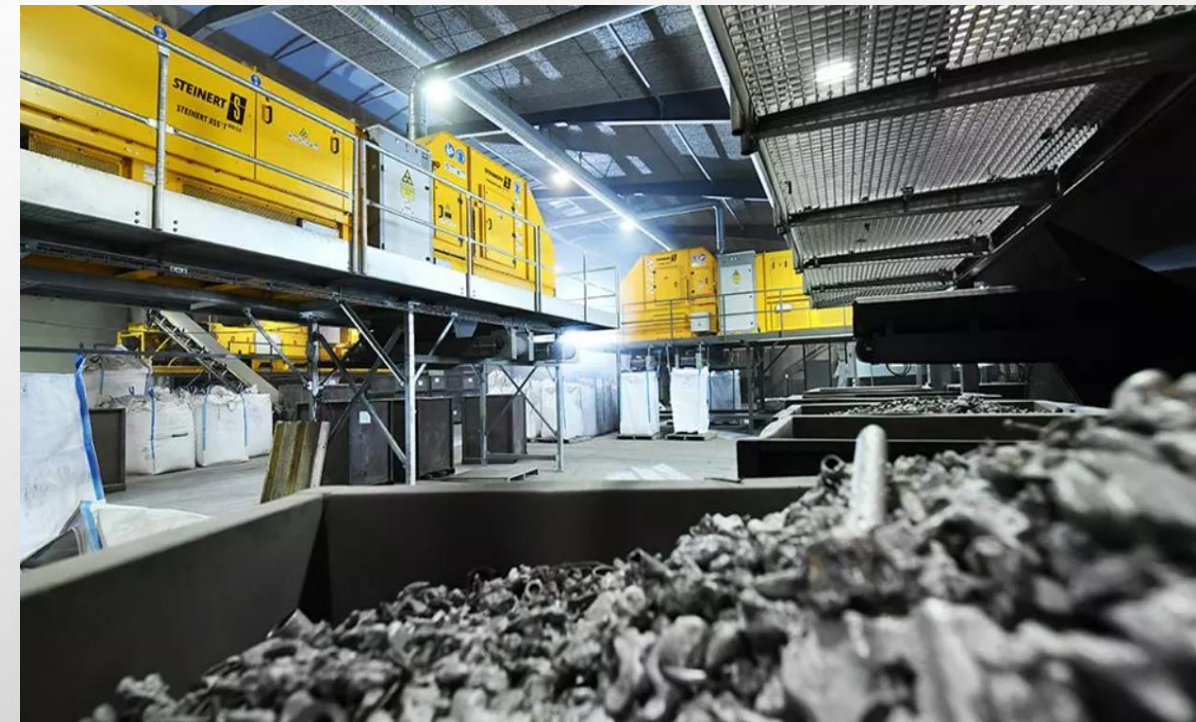
## Insulated Copper and Aluminum Wire Recycling

Our processes ensure the responsible and full recovery of e-waste.

3

## Copper and Aluminum Granules

We produce premium granules, providing a sustainable alternative to virgin materials.





# Product Range and Capabilities

## Steel Plate

We offer a wide range of steel plates for various applications.

## Steel Tube

Our steel tubes are durable and reliable for construction and industrial uses.

## Wear-Resistance Steel

We provide specialized wear-resistant steel for heavy-duty applications.

# Product Capability & Size Range

## Seamless Tube

**Capacity : 1.0 million tons**

**Size range : OD 22-1200 mm X  
Wall 4-200 mm**



# Standard and Grades



## 1. Structural steels

For general structural applications.

### 1.1 Non alloyed EN 10025-2 structural steels

S185 +AR/+N  
S235JR +AR/+N  
S235J0 +AR/+N  
S235J2 +AR/+N  
S275JR +AR/+N  
S275J0 +AR/+N  
S275J2 +AR/+N  
S275K2 +AR/+N  
S355JR +AR/+N  
S355J0 +AR/+N  
S355J2 +AR/+N  
S355K2 +AR/+N

## 2. Weldable fine grain structural steels

For welded structures

### 2.1 Weldable fine grain EN 10025-3 structural steels

S355N

## 3. Corrosion resistant steels

For corrosion resistant structures, bridges, architectural applications

### 3.1 Corrosion resistant EN 10025-5 steels

S235J0W  
S235J2W  
S355J2W

## 4. Steels for pressure vessels

For boilers and pressure vessels at high and atmospheric temperature

## 4.1 Steels with specified properties at elevated temperatures made to EN

### 10028-2

P235GH  
P265GH  
P295GH  
P355GH  
16Mo3 +AR

## 5. High-carbon and spring steel

For improved wear and fatigue resistance, machinery, yellow goods

### 5.1 High-carbon and spring steel made to EN 10083-2 / EN ISO 683-1

C45E+AR (+A, +QT)  
65Mn+AR (+A, +QT)  
51CrV4+AR (+A, +QT)

## 6. Wear-resistant steels

For mine projects, trucks and wagons construction

### 6.1 Wear-resistant steels

NM 400  
NM 450  
NM 500  
NM 600  
X120Mn12

## 7. Steel Tube

For Structural tube used for machining, trucks and wagons construction

### 6.1 Seamless steel tube

20#  
C45+SR  
42CrMo4(+QT)  
E235+N



# Commitment to Quality and Customer Satisfaction



## Quality Control

We maintain stringent quality control measures throughout our operations.



## Customer Focus

We strive to meet and exceed our customers' expectations.



## Reliable Delivery

We offer efficient and timely delivery services.





# Partnerships for Growth

1

## Industry Collaboration

We collaborate with industry partners to optimize processes and expand our reach.

2

## Client Partnerships

We build strong relationships with our clients to understand their specific needs.

3

## Sustainable Solutions

We work together to deliver innovative and sustainable metal solutions.





# The Future of Sustainable Metal

Muhibah Ferrous Metal Sdn Bhd is committed to driving the future of sustainable metal production. We will continue to innovate and invest in technologies that enhance our efficiency, minimize our environmental impact, and provide our clients with the highest quality metal solutions.



## **Contact us:**

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