



MegaFerrum Commodities Ltd. is one of the leading suppliers of steel products and raw materials related to, mainly in Europe and Asia.

Through the commercial and logistic departments, we offer complete and customized solutions to our customers.

We are capable of dealing with both large tonnage quantities & small orders for our customers.

The logistics division was founded with the aim of expanding our services and to offer our customers more solutions to their needs in the national and international trading.

MINERALS AND RAW MATERIALS





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Iron Ore and Coal

This is a mineral that contains sufficient iron to be a commercial and viable source of the element used in steel mills.

Coking coal permits the furnaces to reach temperatures of 2.000 °C. Used to produce pig iron.

Metallurgical Coke

It is the basic combustion that is consumed in a high furnace for the melting of iron.

Coke is coal that has been degasified in a coke mill. It provides the heat and gases necessary to melt and reduce the iron ore.

Pig Iron

Intermediate product of the iron industry, with a very high carbon content, typically 3.5–4.5%, along with silica and other constituents of dross, which makes it very brittle, and not useful directly as a material except for limited applications.

Pig iron is made by smelting iron ore into a transportable ingot of impure high carbon-content iron in a blast furnace as an ingredient for further processing steps.

Nodular Pig Iron

Nodular Pig Iron is differentiated from other types of pig iron by its low manganese, phosphorus and sulphur contents, typically maximum 0.05% for each element.

Nodular Pig Iron constitutes the principal ferrous raw material in production of ductile iron castings.

Gray Iron or Grey Cast Iron

It is a type of cast iron that has a graphitic microstructure. It is the most common cast iron and the most widely used cast material based on weight.

Grey cast iron's high thermal conductivity and specific heat capacity are often exploited to make cast iron cookware and disc brake rotors.

Coking Coal

Produces coke, heat source and reducing agent in Blast Furnace.

Manganese

Desulphurises and as alloying element for strength.

Nickel Ore

Anti-corrosion (nickel content in stainless steel 8-10%).

Magnetite

Magnetite is a mineral and one of the main iron ores. With the chemical formula Fe_3O_4 , it is one of the oxides of iron. It is the most magnetic of all the naturally-occurring minerals on Earth. It is mined as iron ore.

Bauxite

It is an aluminium ore and the world's main source of aluminium.