IRON ORE

The backbone of global infrastructure and industry

While not always classified as a critical mineral, iron ore remains strategically significant because it underpins steel production and hence global infrastructure, manufacturing and industrial development.



TAKRAF

AT A GLANCE

Essential for steel production
The primary raw material for making steel.

Strong long-term global demand
Driven by infrastructure, urbanization and industry.

Major producers include Australia, Brazil, India and China
Concentrated resources with global reach.

Very large material volumes require efficient handling
From mine to market at massive scale.

Sustainability and decarbonization pressures are increasing
Lower emissions and improved resource efficiency are required.

WHY IRON ORE MATTERS

Supports global infrastructure
Enables bridges, buildings, transport networks and critical infrastructure.

Critical for steel making value chains
Feeds either Blast/Basic Oxygen Furnace (BF-BOF) or Electric Arc Furnace (EAF) steel making around the world.

Enables industrial growth and manufacturing
The foundation for machinery, equipment and even consumer goods.

Moves in high volumes over long distances
Efficient logistics are key to competitiveness.

GLOBAL IRON ORE RESERVES



Global crude iron ore reserves in 2025

Iron ore reserves are distributed globally, with supply chains connecting mines to global steel markets.

(U.S. Geological Survey, 2026, p. 109)

KEY CHALLENGES

High throughput demands
Meeting ever-increasing volumes.

Haul distances
Long overland and marine distances increase complexity and cost.

Dust and environmental performance
Managing emissions and land impact.

System reliability
Ensuring safety, availability, and resilience in harsh conditions.

OUR ROLE



Handling

For all types of bulk materials, designing and delivering robust, high-capacity solutions.



Crushing, conveying, stacking and reclaiming

Integrated systems for continuous and reliable material flow.

Port and rail infrastructure support

Connecting mines to markets safely and efficiently.

Efficiency, reliability and sustainability

Maximizing performance while reducing environmental impact.

PART OF A STRONGER GROUP

Transport → Handling → Processing → Markets & Delivery

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Supporting one of the world's most strategically significant commodities - with efficient large-scale systems.