

Mechanical Four-Rope Clamshell Grab

The Four-Rope Clamshell Grab is designed for efficiently loading and unloading bulk materials such as sands, coal, and mineral powder. It is suitable for use in ports and industrial settings.



ADDITIONAL IMAGES



Product Overview

Efficient Bulk Material Handling

The Mechanical Four-Rope Clamshell Grab is an essential tool designed for the efficient loading and unloading of bulk materials such as sand, coal, mineral powder, and chemical fertilizers. Engineered with a robust mechanical opening and closing system, it is optimized for use with cranes equipped with two hoisting drums. This equipment is widely utilized across ports, power plants, and metallurgical industries, ensuring high productivity and reliability in demanding material handling operations.

Technical Specifications

Operating Mechanism	Mechanical 4-rope system
Design Methodology	3D Virtual Design, Interference Checking
Crane Compatibility	Cranes with two hoisting drums

Applications & Usage

Suitable Materials

- Sand
- Coal
- Mineral powder
- Bulk chemical fertilizer
- Aggregates

Industry Sectors	Ports, Power Generation, Maritime, Metallurgy, Logistics
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Customization & Inquiry

Required Information for Quote

Parameter	Description
Lifting Material	Type of bulk cargo to be handled
Cubage	Required grab volume capacity
Max Lifting Weight	Crane maximum load capacity
Working Environment	Specific site or climate conditions