



SINOKO CRANES

Leading China, Shouldering the Weight of the World
Advanced Industrial Crane Solutions • Global Engineering & Technical Support

Precision Infrastructure | Optimized Lifting Solutions for Internationally Compliant Projects

Industrial Compliance

Engineered for Global Industries & Lifecycle Efficiency



International Compliance

- The supplied equipment maintains 100% adherence to FEM, DIN, ISO and CE standards,
- Designed to achieve seamless regulatory acceptance across all target cross-border markets.



Optimized Total Cost of Ownership (TCO)

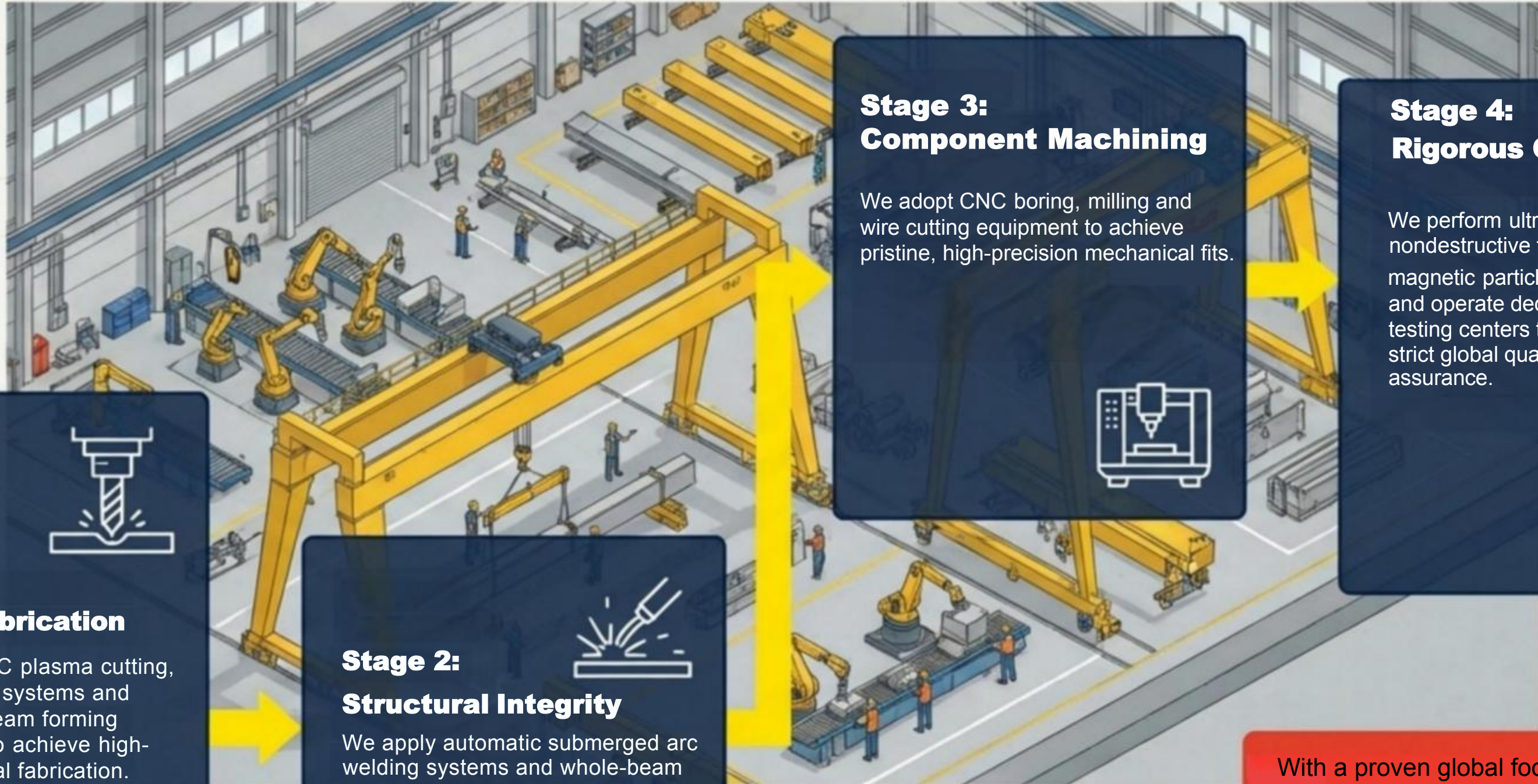
- Maintenance-Friendly Performance
- Features and Technology for Energy Efficiency.
- Globally Standardized Spare Parts Compatibility.



Comprehensive Ecosystem Control

We specialize in manufacturing distinctive crane structures, offering full process control from raw materials to final delivery.

Advanced Manufacturing & NDT Quality Assurance Pipeline



Stage 1: Precision Fabrication

We integrate CNC plasma cutting, laser processing systems and dedicated box beam forming production lines to achieve high-precision structural fabrication.



Stage 2: Structural Integrity

We apply automatic submerged arc welding systems and whole-beam shot blasting to deliver exceptional structural integrity and reliable load-bearing performance.

Stage 3: Component Machining

We adopt CNC boring, milling and wire cutting equipment to achieve pristine, high-precision mechanical fits.



Stage 4: Rigorous Global QA

We perform ultrasonic weld nondestructive flaw detection, magnetic particle testing, and operate dedicated motor testing centers to ensure strict global quality assurance.



With a proven global footprint spanning over 30 countries, our equipment features advanced comprehensive monitoring instruments and reliable performance.

SPEC
DASHBOARD



Standard
Working Class:
A3



Operational
Temps:
-25°C to 40°C

Structures: Single-Girder Arch - Optimizing Factory Vertical Space Utilization

LDA

(Standard)



I-beam and steel plate
box girders.

Baseline solution for
standard clearance factories.

Span: 7.5-22.5 m

LDC

(Low Headroom)



Box-shaped main girder with
a specialized electric hoist
mounted on one side.

Applied in facilities with low
building height yet demanding
high lifting heights.

LDP

(Ultra-Low Headroom)



Ultra-low-headroom LDP
single-girder crane with side-
mounted hoist effectively
boosts lifting height while
lowering building height and
costs.

Span: 7.5-22.5 m

LX

(Underhung/Suspension)



Single-girder overhead crane
with welded girder and hoist,
suspended on factory I-beam
rails.

Span: 3~16m

From Medium Manufacturing to Heavy Industry Double-Girder Series – Scaling Up



Working
Class: A3

LH Series

- LH electric hoist double-girder crane consists of box bridge, traveling mechanism, trolley and electrical system. It uses a fixed hoist with LD-type trolley drive and optional LD/QD crane travel drive.
- Compact, lightweight and low-profile, it is ideal for medium-light lifting in factories, workshops and warehouses supporting pendant, remote and cabin control.



Working
Class: A3-A7

QD Series

QD double-girder overhead crane with hook comprises box bridge, trolley, travel and electric systems. It supports hooks, grabs or magnets, with A3-A7 duty and 3-250t capacity. Multiple controls available; for factories, warehouses and yards within -10~40°C and ≤85%RH.

Workflows & Process-Specific Overhead Engineering for Demanding Work



QZ Electric Grab Crane



The QZ overhead grab crane consists of box bridge, grab trolley, travel mechanism, cabin and electric system. Equipped with a four-rope grab, it uses closing and hoisting mechanisms to handle bulk materials. Structurally similar to hook cranes except for the lifting system.



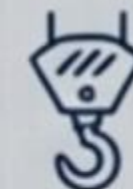
QY Isolation Crane



The QY insulated overhead crane is similar to the hook crane. To prevent electric shock hazards, three insulation layers (epoxy phenolic cloth) are installed on the hook, trolley frame and wheels. Suitable for aluminum and magnesium smelting plants.



Billet Handling Crane



Our heavy-duty billet handling crane is engineered for steel mills and billet yards, featuring robust structure, precise variable-frequency control, and specialized lifting tools. Equipped with full safety protections, it ensures efficient, damage-free billet stacking & transport, boosting productivity with reliable 24/7 operation.

Carrier-Beam & Electromagnetic Solutions for Long Materials



Core System Upgrade: QL Series Electric Carrier-Beam Crane

QL type overhead girder crane is suitable for handling long profiles, bars, plates, scrap steel and wire coils.

Its hook and lifting beam are detachably connected, equipped with electromagnetic chuck, clamp or special hooks.

The lifting beam can be arranged perpendicular or parallel to the main girder.

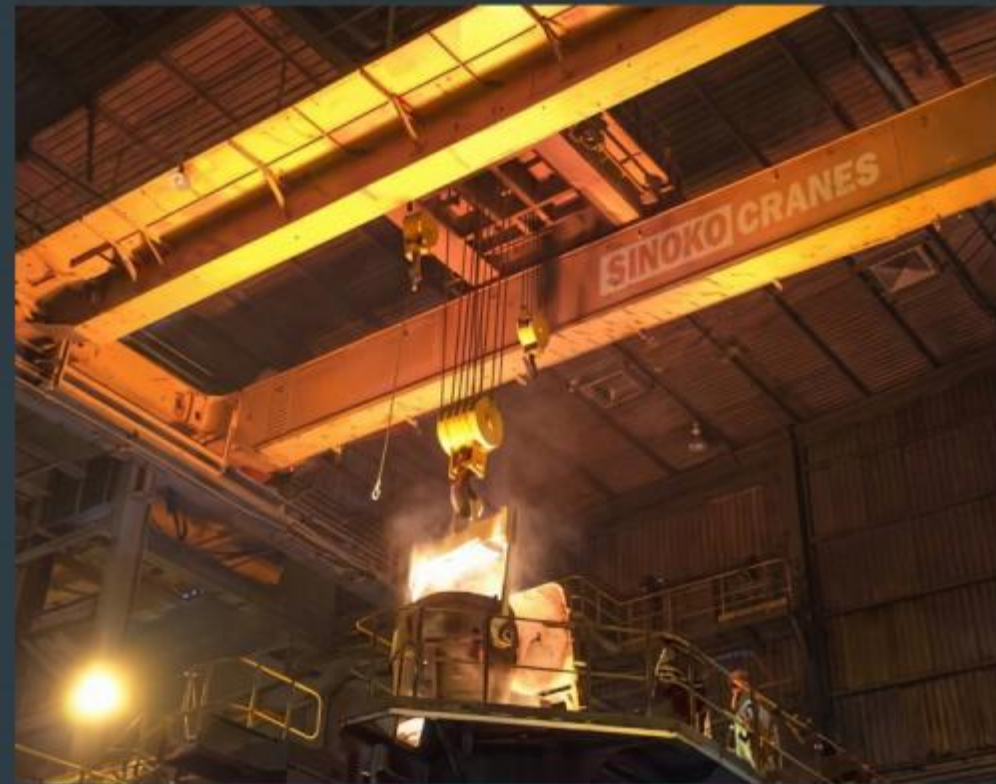


Core System Upgrade: QL Series Upper Rotation Bridge Crane

- This crane uses lifting beams with electromagnetic chucks to handle long workpieces like billets, featuring a power-failure magnetic retention system.
- It consists of bridge structure, rotating trolley and travel mechanisms, with a separable main girder for easy transport.

Metallurgical Diagnostics

Surviving Extreme Heat and High-Risk Smelting



QDY Series

- The QDY molten metal handling overhead crane is an upgraded version of the QDY general-purpose crane, designed in compliance with national metallurgical hoisting safety standards.
- With A7 duty class and capacity under 74t, it consists of box bridge, hoisting trolley, travel mechanism and electric control system, ideal for transporting molten metal in smelting workshops.



YZ Series

- YZ type foundry overhead crane adopts **double-girder single-trolley** structure, mainly used for handling ladles.
- The main hook is equipped with fixed-spacing hook beam, and the auxiliary hook assists in pouring operations. It features four-corner driving, heat insulation, electronic scale and overspeed protection for safe and reliable use.



YZS Series

- YZS Foundry Overhead Crane is used in steelmaking workshops for liquid metal handling and pouring.
- Adopting four-girder four-rail structure with main and auxiliary trolleys, it features heat insulation, four-corner drive, electronic scale and overspeed protection for safe and efficient ladle operation.

Metallurgical Diagnostics: Surviving Extreme Heat and High-Risk Smelting



MG Series:DOUBLE-BEAM GANTRY CRANE

MG type double-girder gantry crane consists of hook, gantry, trolley, traveling mechanism, cabin and electric control system.It features box-type gantry, double offset main girder, with A-type or U-type legs.Closed cabin is equipped with adjustable seat, insulation mat and fire extinguisher; air conditioning is optional.



MG Series:DOUBLE-GIRDER TRUSS GANTRY CRANE

MG type double-girder truss gantry crane consists of gantry, trolley, traveling mechanism, cabin and electric control system .Featuring lightweight and wind-resistant truss structure with triangular truss main girder. Closed cabin with adjustable seat, insulation mat and fire extinguisher; air conditioner and intercom are optional.



L TYPE GANTRY CRANE

L-type gantry crane consists of gantry, trolley, traveling mechanism, cabin and electric control system.Box-type gantry with single offset main girder and L-shaped legs for large lifting space.Closed cabin with standard and optional facilities to meet different demands.

Mega-Project Engineering: Bridge, Metro & Shipbuilding



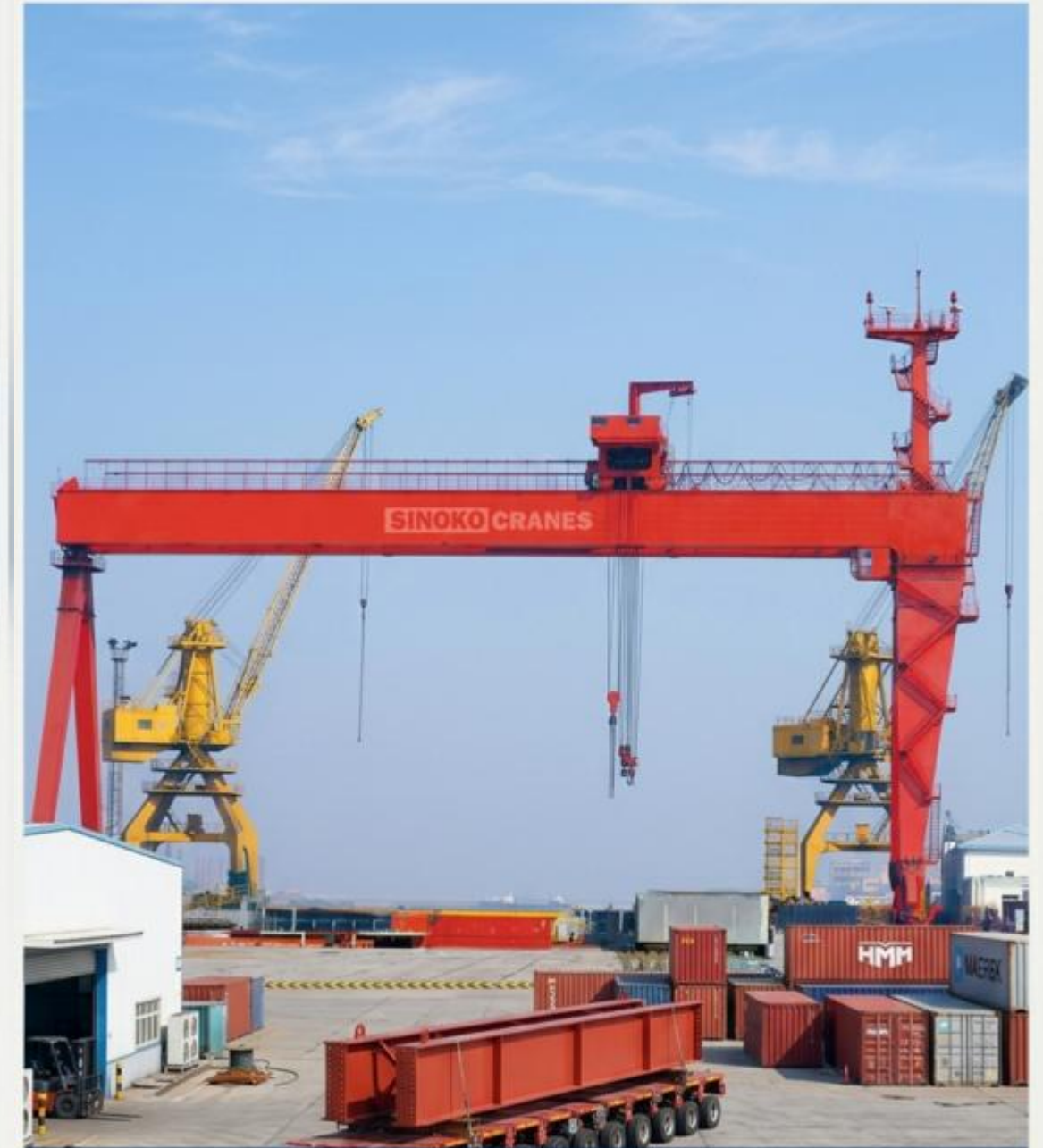
MG Type Road Bridge Construction Gantry Crane

MG type road bridge gantry crane is designed for bridge construction with low working speed. It features lightweight truss structure, wind-resistant, compact winch trolley and stable 8-wheel 4-drive system. Closed cabin with complete facilities is available for safe and comfortable operation.



MG Type Gantry Crane For Subway Construction

MG type gantry crane for subway construction is specially designed for underground construction, capable of soil turnover, unloading and material lifting. Equipped with hydraulic turnover mechanism and lifting hook, it adopts 8-wheel 4-drive traveling system and rail clamps for wind and slip prevention, ensuring stable operation for various material handling at subway sites.



ME Ship Building Gantry

ME type shipbuilding gantry crane features large capacity, long span and high lifting height, designed for hull section transportation, alignment and turnover. It supports multi-functional operation with optimized girders, intercrossing trolleys and variable frequency control. Equipped with a maintenance jib crane and reliable windproof devices.

High-Efficiency Port Logistics: Rail-Mounted Container Gantries

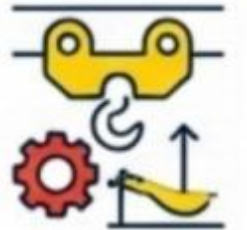
Core Competency

Purpose-built for high-speed handling, loading and unloading of international standard containers.



Sophisticated Mechanism

Advanced trailer-trolley architecture and smart mechanism design ensure low sensitivity to ground roughness for stable, rapid container stacking.



Cable Drum Architecture

Cable drum powered for continuous, high-efficiency movement across vast logistical spans.



Space-Optimized Architectures: Semi-Gantries and Dam Top Solutions



Semi-Gantry Cranes (MGB/MB)



MGB type double-girder semi-gantry crane consists of gantry, trolley, traveling mechanism and electric control system. With box-type gantry, one side runs on ground rails and the other on factory overhead rails. Closed cabin is equipped as standard, and other structures are the same as MG type.



MB type electric hoist semi-gantry crane is a small and medium-sized rail-mounted lifting equipment. It adopts an electric hoist as the lifting mechanism, running along the lower flange of the main girder I-beam. One side of the gantry runs on ground rails, the other on overhead factory rails, with the rest same as MH type.



Dam Top Gantry Cranes

The dam crest gantry crane is mainly used for hoisting, lowering and operating spillway gates, as well as equipment installation and maintenance. With a lifting capacity ranging from 80 to 500 tons, it features stable performance, high safety and reliable operation, specially designed for water conservancy and hydropower projects.

Ready to Elevate Your Operations?

**INNOVATING
TODAY,
INSPIRING
TOMORROW**

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