

CRANES & COMPONENTS

*Innovative.
Efficient.
Reliable.*



MHE

Committed in
delivering quality
and reliable solutions



MHE has been at the forefront of providing quality, safe, and efficient material handling solutions since 1972 to a diverse range of sectors throughout Southeast Asia. We take pride in offering tailored industrial cranes and hoist solutions that contribute to your operational excellence.

In MHE, we are committed to delivering superior crane solutions ranging from 250kg or more by harnessing advanced technology in fabrication machinery to create innovative, safe, and efficient crane systems.

In material handling, downtime isn't just costly—it's disruptive. MHE cranes are designed for flawless operation, ensuring your processes remain uninterrupted. With our high-quality cranes, you avoid costly shutdowns and delays, safeguarding your operations from unnecessary risks. MHE is the trusted choice for industries that depend on seamless logistics and operational efficiency.

■ Professional On-Site Consultation

Our team of experts delivers tailored advice to ensure your specific needs are met.

■ Extensive Crane Selection

A broad range of options, catering to various operational requirements.

■ Advanced Safety and Reliability

State-of-the-art technology for top performance and safety in any environment.



■ Versatile for Diverse Conditions

MHE cranes adapt seamlessly to different work environments and operational demands.

■ Comprehensive After-Sales Support

Dedicated service teams ready to support your needs, ensuring long-term success.

Product & Services

Single Girder Overhead Crane

Single Girder Suspension Crane

Double Girder Overhead Crane

Winch Crane

Jib Crane

Gantry Crane

Flexible Light Crane

Explosion-Proof Crane

Engineered Crane

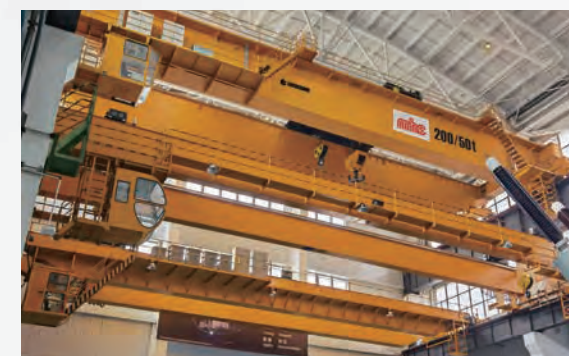
Automatic Crane

Intelligent Crane

Tunnel Segment Crane

Complete Solution For Every
Lifting Need

360° customer care



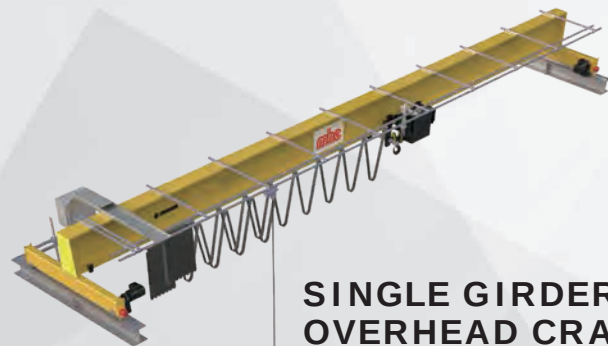
MHE Standard Crane



SINGLE GIRDER OVERHEAD CRANE

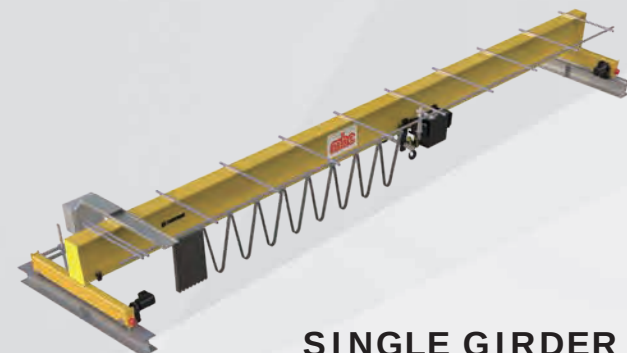
Load capacity up to 20t

As a next-generation reformed product, the electric single girder overhead crane boasts superior performance, compact structure, and minimal headroom dimensions, optimizing space utilization in the plant. Designed with customer needs in mind, it prioritizes safety and user-friendliness. Standard features include trolley and long travel variable-frequency drive for stable and reliable operation. Additionally, lifting frequency conversion or double-hoist operation can be tailored to on-site requirements.



SINGLE GIRDER OVERHEAD CRANE (pendant control)

Load capacity up to 20t



SINGLE GIRDER OVERHEAD CRANE (remote control)

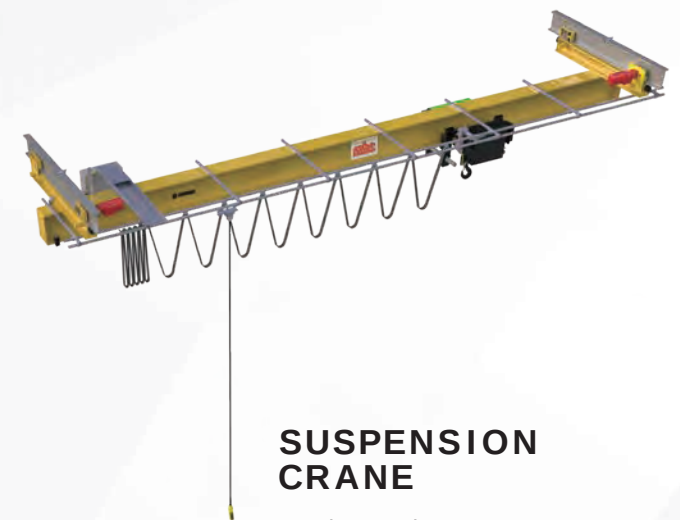
Load capacity up to 20t



SINGLE GIRDER SUSPENSION CRANE

Load capacity up to 20t

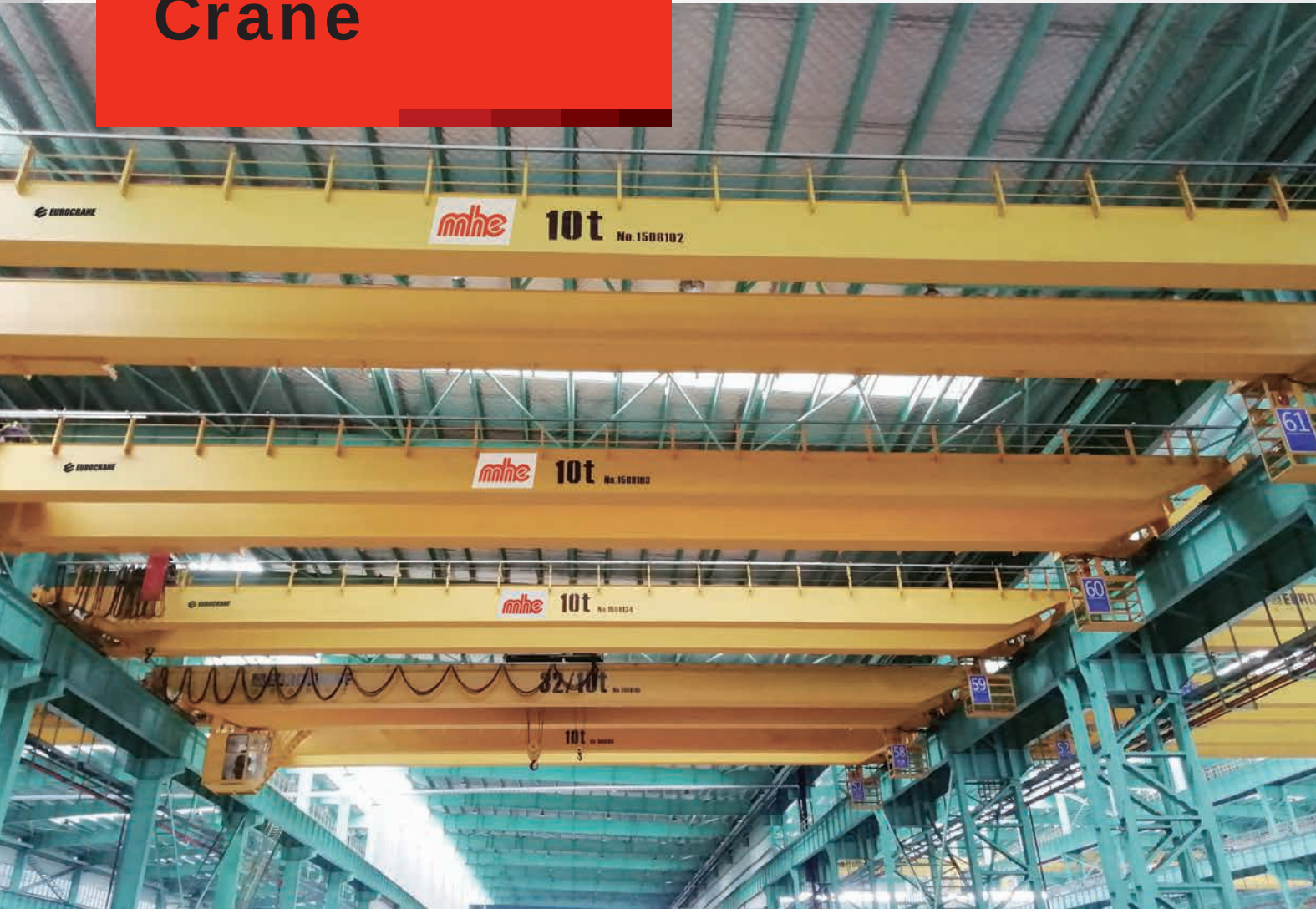
This single girder suspension crane offers space and cost savings by direct installation on existing plant roofs, eliminating the need for corbel. The design optimizes the entire plant space for production. With a compact hook approach for the trolley, heavy objects can be lifted very close to the plant edge. Additionally, the trolley's running range extends beyond the crane span through the cantilever.



SUSPENSION CRANE

Load capacity up to 20t

MHE Standard Crane



DOUBLE GIRDER OVERHEAD CRANE

Load capacity up to 80t

DOUBLE GIRDER OVERHEAD CRANE

Load capacity up to 80t

MHE's cranes boast a compact design, light deadweight, and minimal wheel pressure, ensuring even load distribution. This not only saves customers on crane investment but also significantly enhances available working space. The cranes prioritize safety, reliability, and ergonomic design, providing easy operation and ensuring the safety and comfort of users. This results in more convenient and efficient material transportation. Furthermore, customers can choose from a variety of configurations to tailor the crane to their specific needs. Options include frequency conversion, double hoist, and remote control, allowing the crane to adapt to diverse working conditions and logistics requirements.

MHE Winch Crane

Less Parts and
Less Maintenance



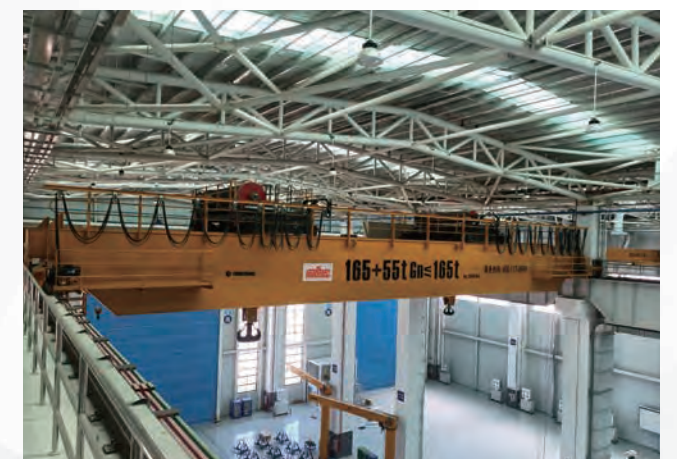
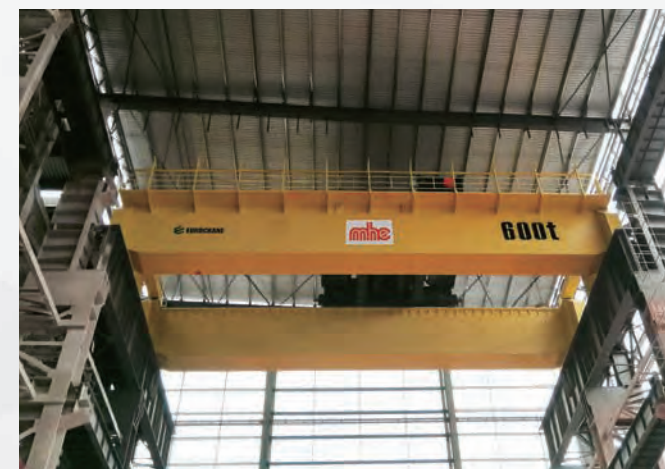
WINCH CRANE

Load capacity up to 600t

The winch crane stands out as the optimal choice for customers seeking robust performance, precise load positioning, and seamless automated operations. With its robust trolley, it excels in handling substantial loads and operating in low headroom conditions, supporting a maximum tonnage of 600t.

The winch crane is adaptable to various industrial applications, delivering top-tier manufacturing technology, reliable quality, and low maintenance. Supported by advanced fabrication equipment, serial production processes, and rigorous quality control, we guarantee exceptional performance.

Key features include a compact design, lightweight construction, reduced wheel pressure, and uniform load distribution, all of which enhance operational efficiency and lead to substantial cost savings. Upgrading existing cranes with the latest winch technology can increase load capacity by 20-40%, making it a smart investment for improved performance.



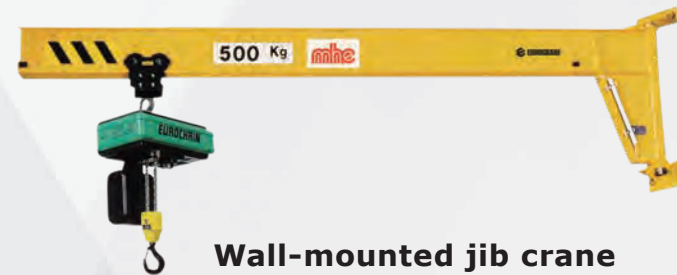
MHE Jib Crane

JIB CRANE

Load Capacity up to 10t

Jib cranes developed by MHE have multiple specifications and types. We are able to provide you with the best solutions no matter you have any special requirements for lifting weight, rotating angle, jib length and functions. Its range for load is from 80Kg to 10000Kg. It is widely used for material transportation in operating posts, especially in smaller operating area, to greatly shorten the handling time and improve the working efficiency.

Jib cranes of MHE have rotating angle of 180°, 270° and 360° depending on operating area and range. It can be divided into wall jib crane and column jib crane according to the installation modes and structures. Also it can be divided into manual and electric jib cranes based on the rotating modes.



Wall-mounted jib crane



Wall-mounted jib crane



Column-mounted jib crane

MHE Gantry Crane



GANTRY CRANE

Load capacity up to 300t

The MHE gantry crane is available in both semigantry and standard configurations, making it the perfect choice for spaces where columns and corbels are unavailable, such as storage yards and manufacturing facilities. With a lifting capacity up to 300t, this crane combines robust performance with exceptional reliability and safety.

Designed for easy installation and maintenance, the MHE gantry crane meets your material handling needs without requiring any structural modifications to your facility.

Flexible Light Crane System



Our flexible light crane system features a modular design with standardized components, making it easy to assemble, maintain, and upgrade. Like building blocks, the crane system can be easily reconfigured to accommodate changes in plant layout or production flow, helping you avoid costly re-investments as your needs evolve.

The system's rails are available in three variations—UKA20, UKA30, and UKA40—based on the distance between the lifted object and its suspension point. Using cold-rolled special sections, our lightweight crane design minimizes deadweight, ensuring smooth, low-friction operation. The crane is easily moved by hand, allowing for quick and efficient transport of heavy workpieces with minimal effort.

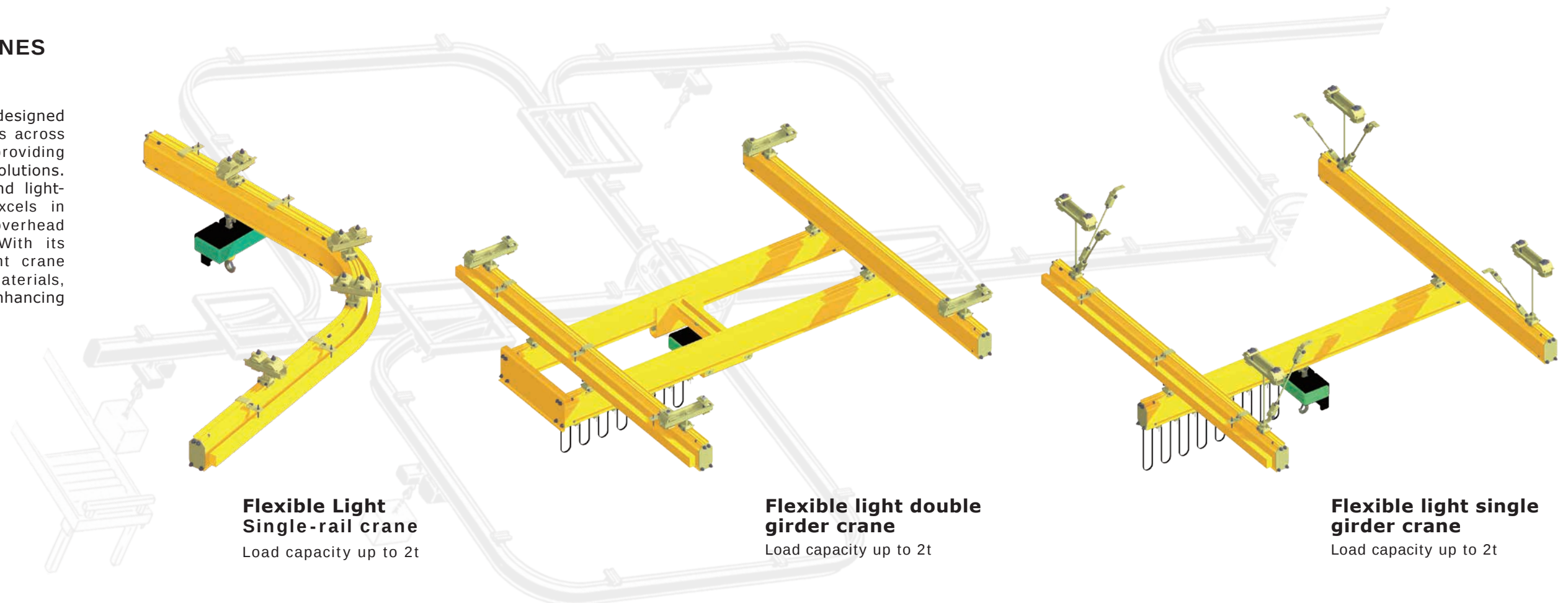
Our flexible light crane system is available in several configurations, including single-rail, single-girder suspension, and double-girder suspension cranes. The single-rail option can be customized with straight or bent rails, while optional accessories like flexible girders, rotary tables, and control switches ensure smooth, continuous material handling.



FLEXIBLE LIGHT CRANES

Load capacity up to 2t

The MHE flexible light crane is designed to meet the needs of enterprises across various sectors and scales, providing efficient material transportation solutions. Ideal for low-profile facilities and light-duty operations, this crane excels in environments where traditional overhead cranes may not be suitable. With its adaptable design, the MHE light crane ensures seamless movement of materials, optimizing workflow and enhancing productivity in any setting.



Explosion-Proof Crane



EXPLOSION-PROOF CRANE

Load capacity up to 100t

We are the world leading supplier of explosion-proof cranes and explosion-proof hoisting equipment. Abundant experience, advanced manufacture technology and equipment from Europe, design tools of CAD/CAM and concept of serving the customers ensure the safety and reliability of our products. The design and manufacture of our explosionproof cranes accord with standards of latest European ATEX 100a (94/09/CE) and CE. Our products are widely used in locations with explosion risk in chemical, petrochemical, nuclear, food, pharmaceutical and electronic industries as well as power station.



Engineered Crane



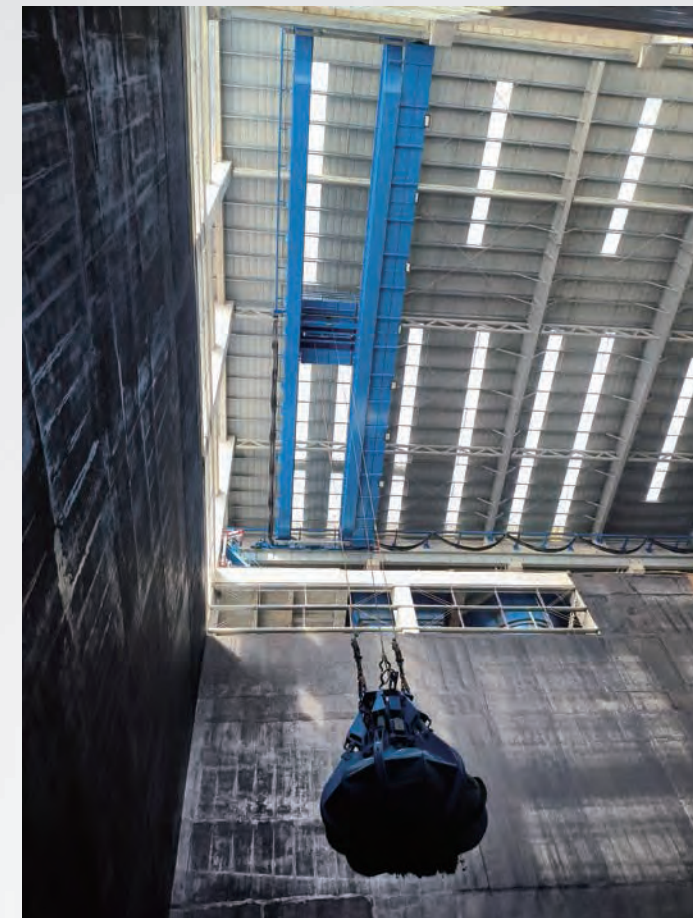
At MHE, we understand that there is no one-size-fits-all approach when it comes to material handling. In applications where standard cranes and hoisting equipment may not suffice, we provide custom-engineered lifting solutions designed to optimize your specific processes with superior quality and reliability.

Our tailored solutions are built to meet the unique demands of various industries, from specialized grabs for waste-to-energy plants, to paper roll handling systems in papermills, and cranes engineered to withstand extreme temperatures in iron foundries.

Whatever your industry's requirements, MHE delivers precision-engineered cranes that enhance efficiency, safety, and performance.



Automatic Crane

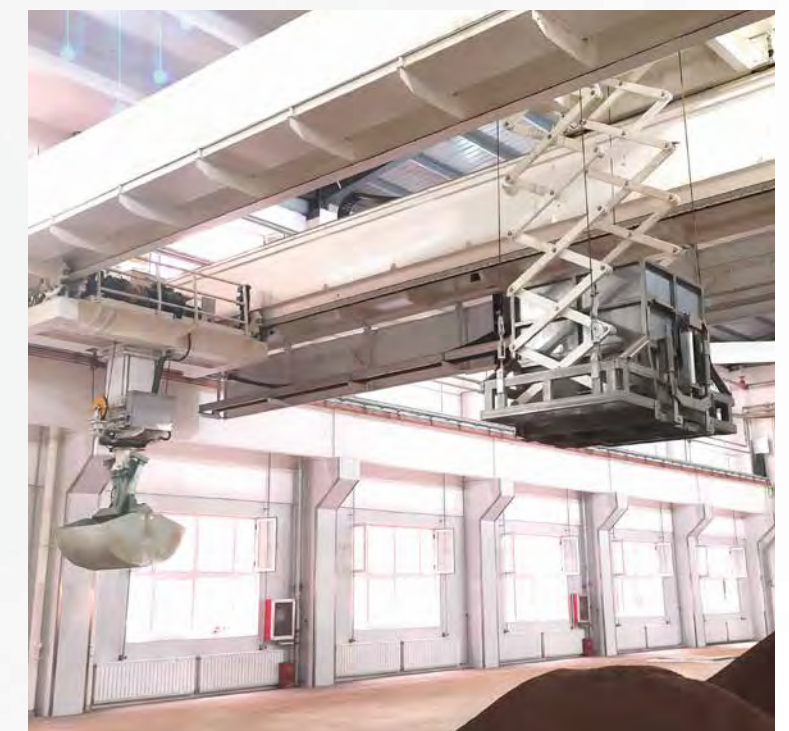


The automatic crane is a pivotal factor in improving operational efficiency, flexibility, and ultimately, the profitability of your processes. Choosing between standard and fully automatic cranes largely depends on the required throughput rate for your specific applications. Each type of automation offers unique advantages tailored to your operational needs.

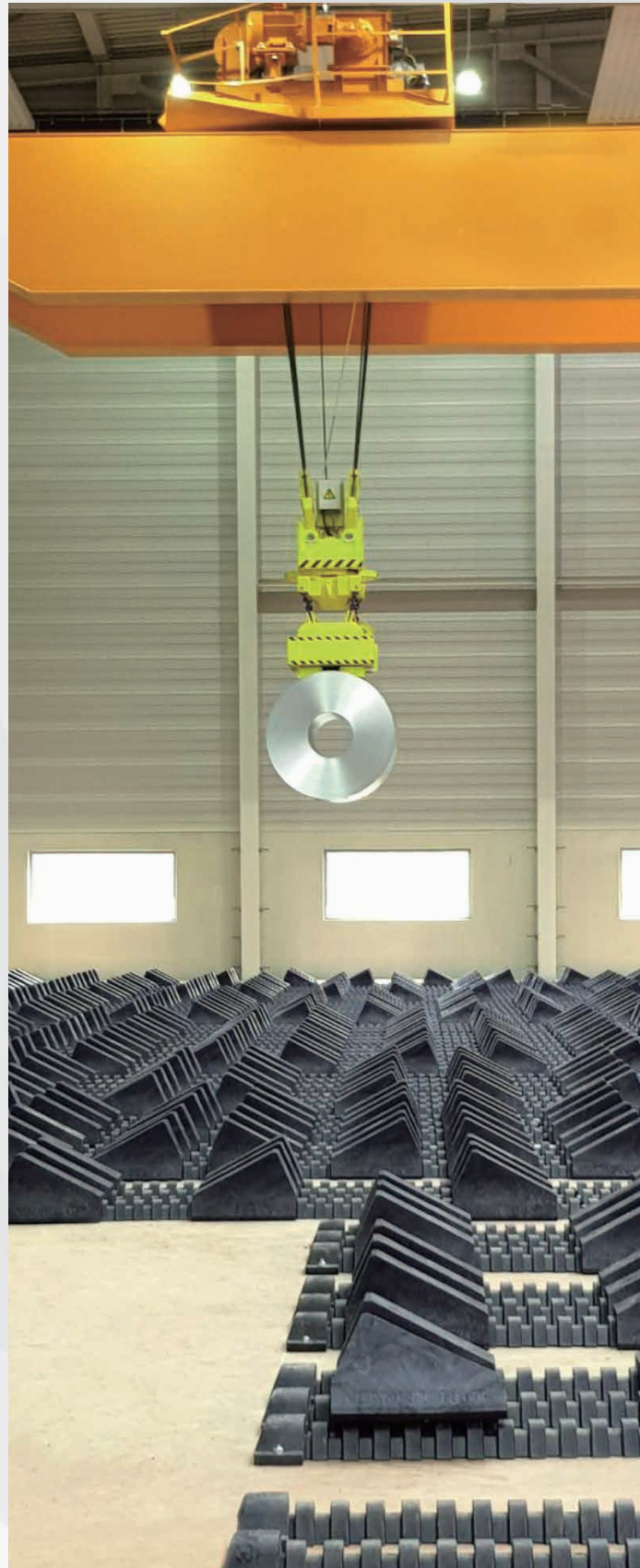
Successful implementation of automatic cranes necessitates close collaboration among owners, planners, and manufacturers. This partnership is essential to ensure a thorough understanding of the entire process, from initial planning to commissioning, thereby guaranteeing that the integrated system operates seamlessly.

Moreover, the types and designs of load handling attachments must be customized to meet the specific demands of your operations, typically determined by the characteristics of the loads being handled.

Investing in automated lifting solutions is a significant decision that should be backed by knowledgeable and experienced partners who can guide you through the process, ensuring that your investment yields optimal results.



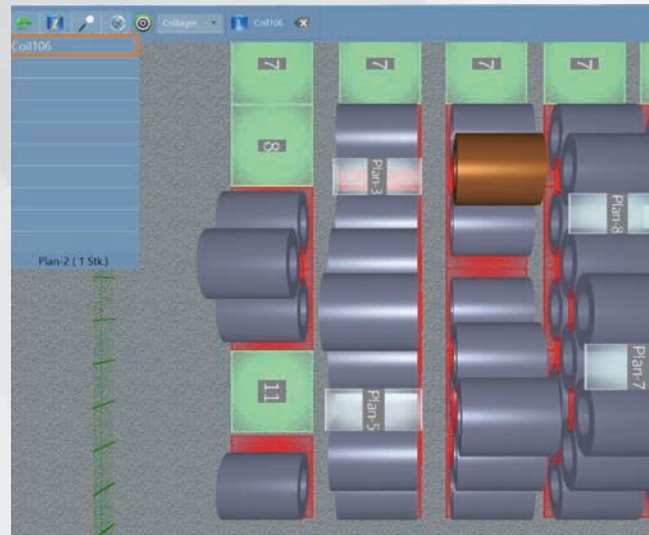
Intelligent Crane



INTELLIGENT CRANE

The intelligent warehouse system is built on a crane platform, centered around the Warehouse Management System (WMS) as its core, utilizing cranes as the execution units. It seamlessly integrates with ground-based Rail Guided Vehicles (RGV) and conveyors, interfaces with customer ERP systems, integrates with factory Manufacturing Execution Systems (MES), and connects to databases. This enables functionalities such as order triggering, autonomous equipment management, and fully automated operations.

We prioritize process safety, closely align with customer needs, and enhance long-term customer value. Our product offerings span various industries, including coil storage, automatic sheet storage, and automated profile storage systems.



Tunnel Segment Crane



TUNNEL SEGMENT CRANE

In the tunnel boring industry, lifting machinery is primarily used for hoisting large prefabricated components such as tunnel segments and box culverts. It collaborates with tunnel boring machines to facilitate the construction of tunnels and other projects.

We stands as one of the earliest suppliers of lifting machinery in the tunnel boring industry in China, accumulating rich practical experience over nearly two decades. Tailoring its offerings to the challenging conditions within tunnels-characterized by adverse environments and limited space, We have specially designed high-performance lifting machinery for the transportation of prefabricated components. This customization has garnered unanimous praise within the industry.

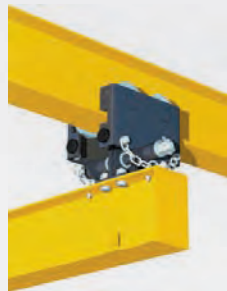


COMPLETE SOLUTION FOR EVERY LIFTING NEED

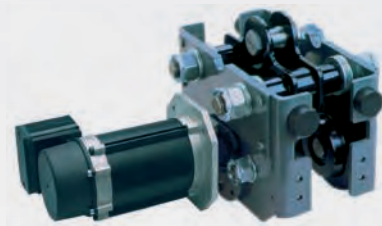
MHE offers a comprehensive range of lifting solutions tailored to meet the diverse needs of your operations. From standard lifting equipment to specialized systems, we provide the tools and expertise to ensure safe, efficient, and reliable material handling across various industries.



Articulated sliding girder system (Electric)
250 Kg - 2,500 Kg



Articulated sliding girder system (Manual)
500 Kg - 2,500 Kg



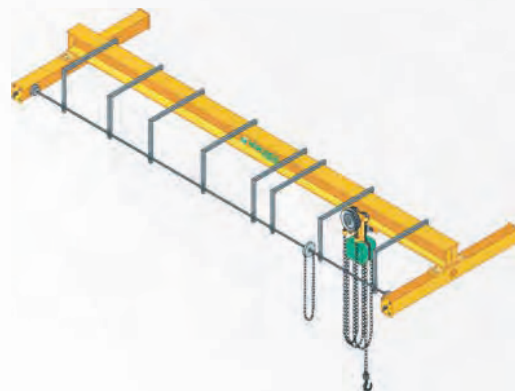
Electric trolley
125 Kg - 7,500 Kg



DIGICHAIN



PHD hand chain block
125 Kg - 30,000 Kg



Manual overhead crane
250 Kg - 10,000 Kg



Gantry crane
500 Kg - 5,000 Kg



Lifting appliance



Lifting belt



Two point lifting beam
1,000 Kg - 10,000 Kg



Four point lifting beam
2,000 Kg - 10,000 Kg



Four point lifting beam (adjustable H type)
2,000 Kg - 10,000 Kg



Explosion-proof steel wire electrical hoist



Explosion-proof chain electrical hoist



Explosion-proof belt electrical hoist



Training Services



Inspection Services



Parts & Components



Refurbishment & Retrofit



Preventive Maintenance

COMPREHENSIVE SOLUTIONS

As a solution provider, we value solid long-term partnership therefore our commitment to service excellence starts at the beginning of any project. We understand that reliable service and access to parts and components are essential for maintaining peak performance and minimizing downtime in your operations. We fix, upgrade or modify your equipment according to your requirement. We offer an integrated service and parts support for all brands of cranes and hoist.



CUSTOMER CARE

MAKE THE MOST OF YOUR EQUIPMENT

This starts with proper usage of your equipment. Your operators will receive training covering all technical and safety aspects and procedures for operation and maintenance.

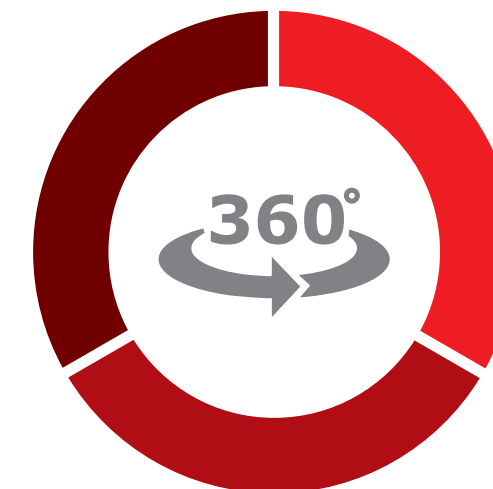
WHAT YOU NEED, WHEN YOU NEED IT MOST

We know that breakdowns and components wear and tear are inevitable however they shouldn't impede your operations. Our skilled service engineers and technicians are ready to assist you at the shortest time from our extensive service locations. Whether it's urgent repairs or essential replacements, we're here to ensure the continuity of your operations with minimal disruption.

PREVENTION THAT SAVES

Because prevention is more cost-efficient than correction, we are able to conduct equipment audits regularly or upon request. Detailed reports on the condition of your equipment help minimise equipment downtimes and hazards to optimise operating costs and keep employees safe.

Audit & Preventive Maintenance



Operational & Technical Training

Spare Parts, Repairs & Refurbishment

SERVING WHERE IT COUNTS

90%

Uptime on average



Genuine parts & repair service



Presence in over **10** service locations across the region



Extensive Sales & Service Offices Across The Asia-Pacific

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