



TIANYI

打造国内一流国际先进的
装备制造产业基地

**Producers of equipment for the production of
Precast Concrete, AAC, & Lightweight Wall Panel**



Tianyi Machinery's 30-year legacy of innovation and craftsmanship has transformed the construction equipment industry, delivering cutting-edge solutions that prioritize quality, efficiency, and reliability. Now, in partnership with BCDS Company of Germany, we are bringing this excellence to Europe, combining decades of expertise to drive innovation and set new benchmarks in the prefabricated construction industry.



Our commitment extends beyond superior machinery—we prioritize customer satisfaction by offering tailored solutions, exceptional service, and unwavering support to ensure success at every stage. Together, we are redefining industry standards and building a future of smarter, more efficient construction.



Global Specialized Solutions in Prefabricated Construction

We provide a comprehensive range of advanced equipment for the prefabricated construction industry. Our offerings include high-quality Precast Equipment for durable concrete components, Wall Panel Equipment for efficient panel production, Autoclaved Aerated Equipment for lightweight, high-strength materials, and Thermal Insulation Board Equipment to enhance energy efficiency.

Beyond providing top-tier machinery, our expert team offers exceptional support, guiding clients through every step—from selection and installation to optimization—ensuring seamless operations and long-term success. With cutting-edge technology and dedicated service, we help streamline production, improve quality, and drive innovation in modern construction.



1 In-depth analysis of customer requirements conducted by our team.



2 Developing a personalized proposal tailored to customer preferences.



3 Fabrication of equipment in our production facility.



4 Full-service delivery, setup, and commissioning.



5 Comprehensive after-sales service directly from our experts.



Equipment



1 CAROUSEL LINES



2 BATTERY MOULDS



3 WALL PANEL EQUIPMENT



4 AAC EQUIPMENT



5 INSULATION AND DECORATION EQUIPMENT

Key Figures



1,030,000

sqm of covered production facilities

2,500

employees

30

30 years experience in the production of precast carousel lines, AAC block equipment and lightweight panel equipment.

Offices Around the Globe

Shandong, China

Dubai, UAE

Malta, Europe

Production facilities in-house



We take pride in our in-house production capabilities, ensuring full control over the manufacturing of our equipment. This allows us to maintain the highest quality standards, streamline production, and provide customized solutions to meet our clients' needs efficiently.



Quality Assurance

Since our inception, we have committed to international expansion by integrating rigorous internal audits for quality assurance. This strategy has led to the acquisition of globally recognized certifications, ensuring consistent excellence across all the markets where we operate.



Premium Technology

Research and development serve as the core of our technological advancements, driving continuous innovation. We place great emphasis on protecting these innovations, ensuring that our customers' investments are safeguarded and their long-term success is supported.



Battery Moulds



Tilting Tables



Carousel Line



Your Partner in Advanced Precast Solutions

Delivering precision-engineered systems
for efficient, high-quality concrete production



Wall Panel Equipment



Insulation and Decoration
Equipment

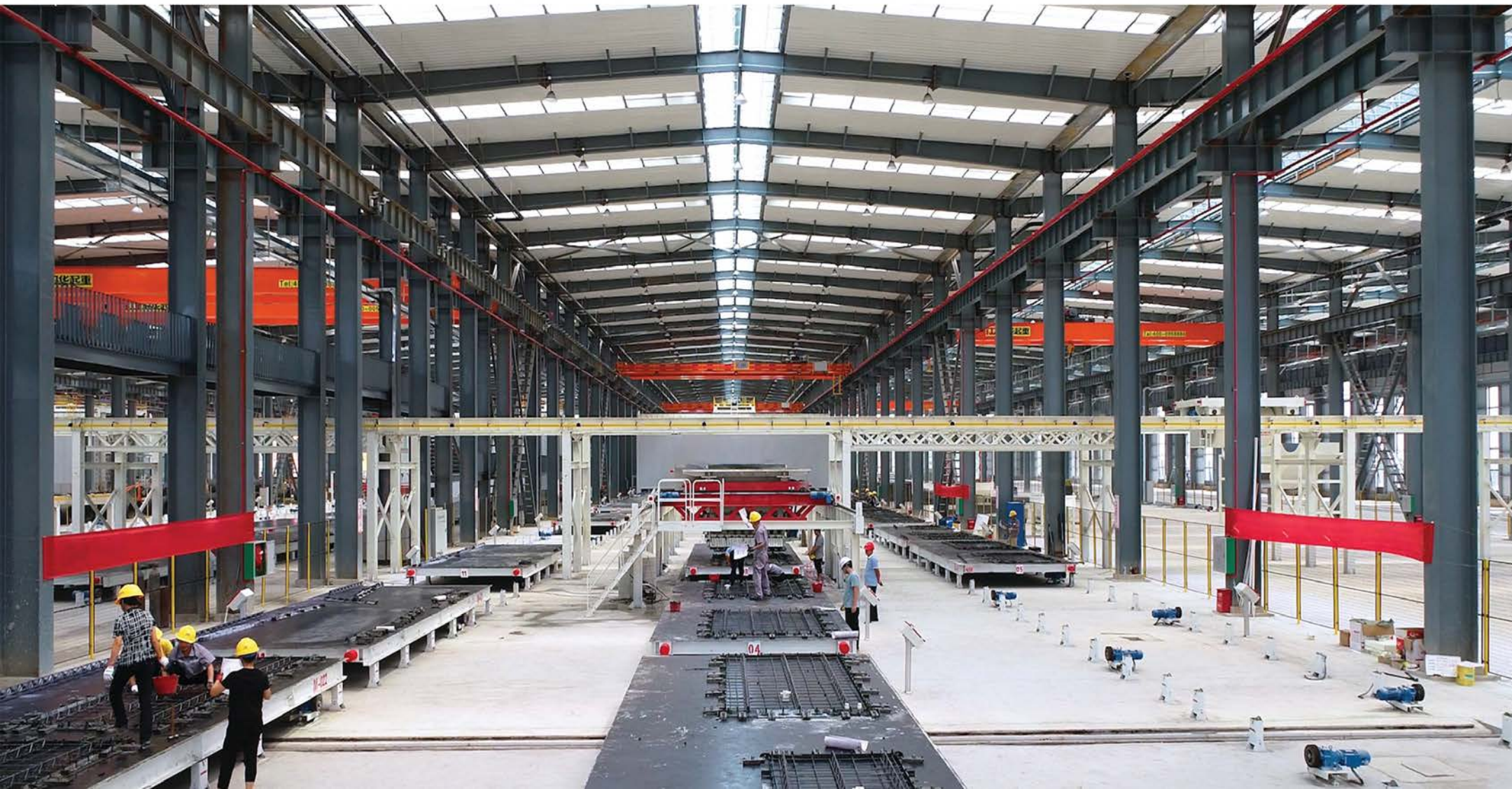


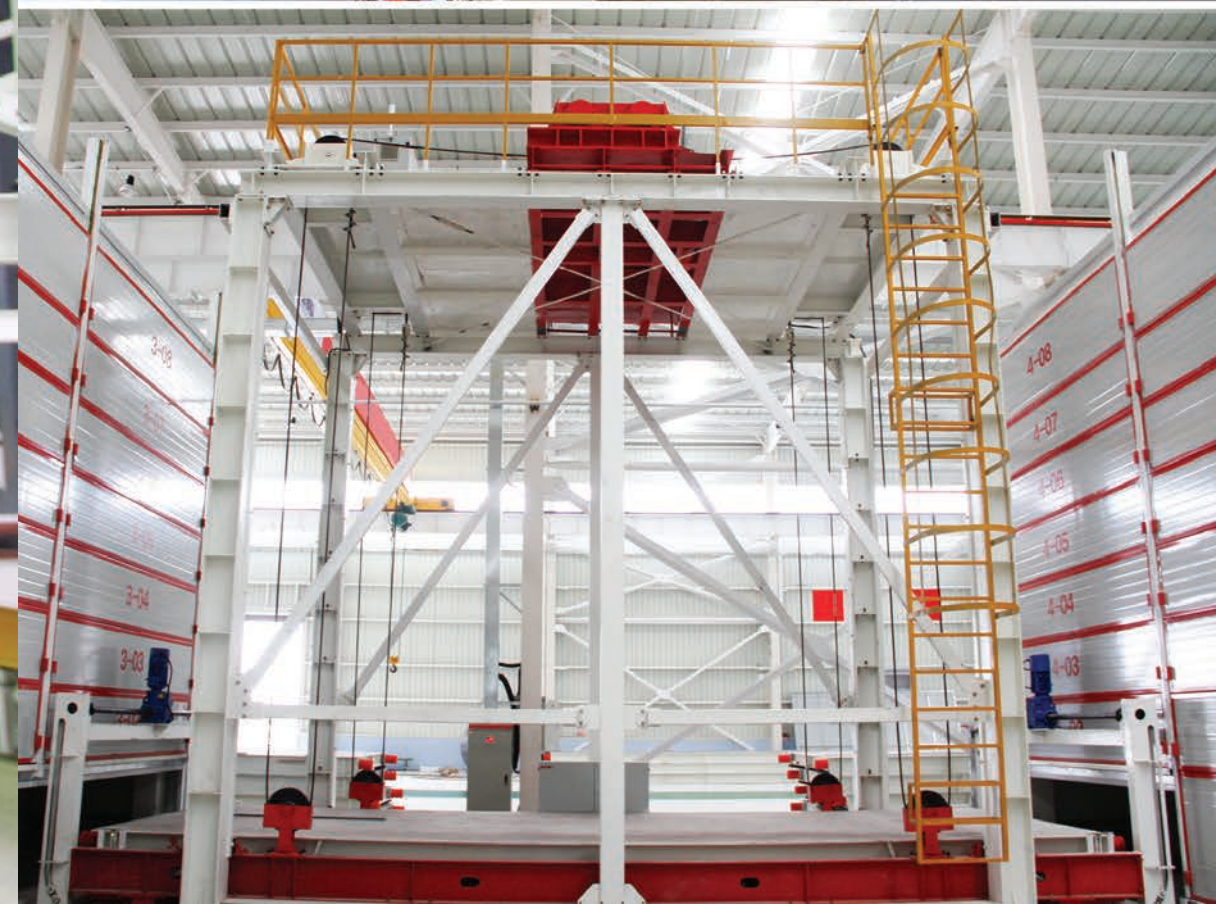
AAC Block Production
Line

Carousel Lines



Our machines streamline the production of high-quality precast concrete components. With precision molds, efficient reinforcement processors, curing systems, and handling equipment, our solutions ensure durability, accuracy, and cost-effectiveness for beams, walls, slabs, and more.





Battery Moulds



Our battery moulds are precision-engineered formwork systems designed for efficient, high-quality precast concrete production. They maximize space, ensure uniform finishes, and speed up curing for walls, slabs, and structural elements.



Tilting Tables



Our tilting tables are engineered for efficient precast concrete production, offering smooth tilting for easy demolding and high-quality surface finishes. Designed for versatility, they ensure precision and efficiency in producing walls, slabs, and other structural elements.





Wall Panel Equipment

Wall panels are key to efficient and durable construction. Our vertical mold system features advanced functionality, including automated core tube cleaning, vibration-assisted casting, and precise hydraulic power control. With integrated temperature control and adjustable settings for panel length and thickness, the machine ensures flexibility and efficiency for diverse wall panel production needs.



AAC Blocks



Our AAC production line meets stringent standards for raw material formulation, pre-curing process monitoring, and precise process control. Backed by years of manufacturing expertise, we've integrated advanced automatic control algorithms to ensure consistent, high-quality output. The equipment stands out for its intelligence, eco-friendliness, and user-focused design.



Insulation and Decoration Board Production Line



With high density calcium silicate board as the facing layer; the calcium silicate board surface will be polished by high precision automatic polishing machine before scraping the smooth type putty and then polished again according to the standard process before sprayed by automatic spraying machine with fluorocarbon painting, stone-like paint, rock-slice painting, etc.
This board is used for interior decoration and external wall insulation decoration project.



Architectural application diagram



Tianyi Corporate Head Office



[Scan the QR code for more details]



[WhatsApp]

Tianyi Machinery
No.260
North Ring Road,
YanZhou Industrial Park,
Shandong Province, China

Tel: +86 15854749999
E-Mail: dw@sdzyty.com
Website: www.sdzyty.com.cn

