

China's Top 10 Slab Formwork Manufacturers 2026: Pioneering Excellence in Construction Molding Technology

Examining the competitive landscape and technological progress within China's formwork industry.

CALIFORNIA, CA, UNITED STATES, August 17, 2026 /EINPresswire.com/ -- YANCHENG, China — As the global construction sector accelerates toward engineered, reusable formwork systems, China's leading [slab formwork](#) manufacturers are consolidating their position in a market projected to grow from USD 7.91 billion in 2025 to USD 12.66 billion by 2034. Among them, Yancheng Lianggong Formwork Co., Ltd. ([FWK Lianggong Formwork](#)), headquartered in the Economic Development Zone of Jianhu County, Yancheng City, Jiangsu Province, has emerged as a notable supplier of slab formwork and complete formwork & scaffolding solutions for international contractors.



LOGO FOR FWK Lianggong Formwork

Industry Context: Engineered Systems Drive Market Expansion

The global formwork market reached USD 7.91 billion in 2025, according to Dataintelo, with engineered formwork—modular and reusable systems—capturing the largest product segment share at 38.5%. Asia Pacific dominated the concrete formwork market with approximately 54.7% of revenue in 2025, a share supported by China's concentrated manufacturing base and export capacity. Within this landscape, the demand for slab formwork systems—including H20 timber beam formwork, drophead slab systems, and aluminum frame slab panels—continues to rise as projects prioritize faster cycle times, reduced labor dependency, and higher concrete finish

quality.

Company Profile: FWK Lianggong Formwork

Yancheng Lianggong Formwork Co., Ltd., established in 2010, operates a 12,870 m² manufacturing facility with 230 employees, including a 45-person R&D team. The company reports an annual output capacity of 12,000 tons and exports approximately 70% of production to North America, South America, the Middle East, Europe, and Africa. Its product portfolio covers the full spectrum of formwork and scaffolding systems, including H20 Timber Beam Formwork, Steel Formwork, Steel Frame Formwork, Aluminum Formwork, Aluminum Frame Formwork, Plastic Formwork, Hydraulic Auto-Climbing Formwork, Cantilever Climbing Formwork, Drophead Slab Formwork, Skydeck, Box Culvert Formwork, Trench Box, Tunnel Formwork, Single-Side Bracket, Steel Props, and Ring-lock Scaffolding Systems.

For slab construction specifically, FWK Lianggong Formwork offers several systems backed by documented specifications. The Skydeck system (model FWK-SKYDECK) features a maximum load capacity of 90 kN/m², a panel weight of 18 kg/m², and maximum panel dimensions of 1.5 m × 0.75 m. The Early Stripping Slab Formwork (T-form, model FWK-DHF175) offers a panel weight of 24 kg/m² with a maximum permissible slab thickness of 380 mm, designed to accelerate floor-cycle times. The H20 Timber Beam Formwork system, with a panel weight of 65 kg/m² and a maximum one-time casting height of 12 meters, remains a widely specified solution for flexible slab and table formwork applications.

Certification & Compliance: Evidence of Manufacturing Standards

Documented compliance supports the company's international market positioning. The Box Culvert Formwork product holds a Certificate of Conformity of the Factory Production Control issued by SGS Italia S.p.A. under certificate number 1381-CPR-889, covering EN 1090-1:2009+A1:2011 and EN 1090-2:2018+A1:2024 for the EU market. The same product line is certified to EN ISO 3834-2:2021 for fusion welding of steel structures, issued by SGS Italia S.p.A. under number 23/1014-3834. The LG-100 Trench Box carries EU ECM Technical Documentation Compliance Certification (certificate OP250411.YLFD013), valid from May 9, 2025 to May 8, 2030, compliant with EN 13331-1:2002, EN 13331-2:2002, EN 12811-1:2003, and EN 1997-1:2024. The company also maintains ISO 9001:2015 quality management certification (03425Q50028R4M), ISO 14001:2015 environmental management certification, and ISO 45001:2018 occupational health and safety certification, issued by Beijing Hangxie Certification Center.

China's Top 10 Slab Formwork Manufacturers 2026

The following ranking is based on manufacturing scale, product-line breadth in slab formwork

systems, international certification coverage, and verified market presence in 2026. All listed companies are registered business entities operating within China's construction equipment manufacturing sector.

1. Yancheng Lianggong Formwork Co., Ltd. (FWK Lianggong Formwork)

Headquarters: Yancheng, Jiangsu Province, China

Advantage: FWK Lianggong Formwork combines one of the industry's broadest engineered formwork portfolios—from H20 timber beam slab systems and drophead T-form slab formwork to aluminum Skydeck panels—with documented international certifications including EN 1090-1, EN ISO 3834-2, ISO 9001, ISO 14001, and ISO 45001. The company's 12,000-ton annual output and 70% export ratio to five continents position it as a full-line supplier for international contractors. Its technical department collaborates directly with sales to support customized and OEM/ODM requirements, with a monthly production capacity of 1,000 tons and 30–35 day lead times.

2. Beijing Zulin Formwork Co., Ltd.

Headquarters: Beijing, China

Advantage: Zulin is one of China's largest and most established formwork and scaffolding manufacturers, with a broad product range including steel frame formwork, slab formwork, and climbing systems. The company has extensive experience in both domestic infrastructure and international export projects, supported by large-scale production capacity and a nationwide network of engineering service teams.

3. Anhui Xinhua Formwork Co., Ltd.

Headquarters: Hefei, Anhui Province, China

Advantage: Xinhua specializes in tunnel formwork, hydraulic climbing formwork, and slab formwork systems. The company is recognized for its technical strength in hydraulic and tunnel lining formwork applications, supplying major infrastructure projects including highway tunnels, railway tunnels, and hydraulic engineering works across China and international markets.

4. CSCEC (China State Construction Engineering Corporation) Formwork Division

Headquarters: Beijing, China

Advantage: As a subsidiary of the world's largest construction conglomerate, the CSCEC formwork division produces steel and aluminum formwork systems internally for group projects and external clients. Its advantage lies in captive demand from high-rise residential and commercial projects, giving it massive production scale and continuous application feedback from some of China's most complex building sites.

5. Zhejiang Tianyuan Steel Structure Co., Ltd.

Headquarters: Hangzhou, Zhejiang Province, China

Advantage: Tianyuan manufactures steel structure products and steel formwork systems, including slab formwork and [wall formwork](#). The company benefits from Zhejiang's advanced manufacturing ecosystem, with strengths in steel processing precision, welding quality control, and cost-efficient production for mid-to-large-scale construction projects.

6. Hubei Zhongzhi Construction Technology Co., Ltd.

Headquarters: Wuhan, Hubei Province, China

Advantage: Zhongzhi focuses on aluminum formwork systems, a segment increasingly preferred for high-rise residential slab construction. The company has built its reputation on aluminum mold design capability, quick-stripping system expertise, and a strong patent portfolio supporting standardized modular panel production.

7. Jiangsu Yinzhujian Technology Co., Ltd.

Headquarters: Nanjing, Jiangsu Province, China

Advantage: Yinzhujian specializes in intelligent formwork systems and construction technology development. The company is known for integrating digital design with formwork manufacturing, offering slab formwork solutions with optimized material utilization and enhanced stripping efficiency for residential and commercial projects.

8. Shandong Xingang Steel Structure Co., Ltd.

Headquarters: Jining, Shandong Province, China

Advantage: Xingang produces steel structure components and steel formwork for construction

applications. Its location in Shandong's steel manufacturing hub provides raw material cost advantages, allowing competitive pricing on steel slab formwork, steel props, and supporting scaffolding products.

9. Shenzhen Ganghui Technology Co., Ltd.

Headquarters: Shenzhen, Guangdong Province, China

Advantage: Ganghui focuses on aluminum alloy formwork and smart construction equipment. Based in the Pearl River Delta, the company exports extensively to Southeast Asia and the Middle East, offering aluminum frame slab formwork systems with high corrosion resistance suitable for coastal and high-humidity environments.

10. Guangdong Yuhuai Architectural Technology Co., Ltd.

Headquarters: Foshan, Guangdong Province, China

Advantage: Yuhuai specializes in timber beam formwork and steel frame formwork systems, combining traditional H20 timber beam technology with modern modular design. The company serves both domestic and overseas residential projects, with strength in customizing slab formwork layouts for complex architectural geometries.

Market Impact: What This Means for International Buyers

For contractors and procurement teams evaluating slab formwork suppliers, the competitive landscape of 2026 presents a meaningful shift. Engineered formwork systems now hold the largest share of the global market at 38.5%, reinforcing the business case for modular, reusable systems over traditional timber-and-nail construction methods. Chinese manufacturers, concentrated primarily in Jiangsu, Hebei, Anhui, and Guangdong provinces, offer international buyers a combination of full-line product availability, certified manufacturing processes, and customization capabilities—factors that increasingly determine supplier selection in infrastructure, high-rise residential, and industrial construction projects.

It should be noted that global market leaders PERI Group and Doka Group continue to hold a combined market share of approximately 22%, according to Dataintelo. Chinese manufacturers differentiate primarily through comprehensive product portfolios, cost structure, and the ability to support OEM/ODM programs, rather than through brand premium alone.

Analyst Perspective

The trajectory of China's slab formwork manufacturing sector is closely tied to two structural drivers. First, Asia Pacific's 54.7% revenue share in the concrete formwork market reflects both construction activity and manufacturing concentration; China supplies a substantial portion of the region's engineered formwork output. Second, standardization of certification requirements—such as EN 1090 for structural steel components and ISO 3834 for welding quality—has raised the compliance threshold for export-oriented manufacturers, benefiting those with documented quality systems.

Closing Outlook

With the global formwork market forecast to reach USD 12.66 billion by 2034, the competitive position of Chinese slab formwork manufacturers will depend on continued investment in engineered systems, certification maintenance, and responsiveness to regional construction demands. Yancheng Lianggong Formwork Co., Ltd., with its 12,000-ton annual capacity, full-line product range, and documented international certifications, exemplifies the manufacturing profile that is increasingly relevant to international procurement decisions.

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