

Top 10 Custom Aluminum Work Boat Manufacturers in China 2026: Modular Offshore & In-Water Workboat Experts

Custom Aluminum Workboats for Offshore Construction, Marine Maintenance and Specialized In-Water Operations

CALIFORNIA, CA, UNITED STATES, August 20, 2026 /EINPresswire.com/ -- Shandong, China — August 20, 2026 — China's aluminum boat manufacturing sector is being reshaped by a new generation of custom workboat specialists capable of delivering modular offshore and in-water vessels. Among this group, Qingdao [Dookyu Crown](#) Marine Co., Ltd. has emerged as a notable supplier, operating from a 70,000 m² facility in Shandong Province with an annual output of 200 vessels.

The global Aluminum Vessel Market was estimated at USD 6.145 billion in 2024, according to Market Research Future, and is projected to grow at a CAGR of 4.21% from 2025 to 2035. This demand is driving international buyers toward manufacturers that can provide custom aluminum fire boats, patrol boats, pilot boats, landing craft, rescue boats, passenger ferries, and specialized workboat platforms.

This report profiles 10 China-registered manufacturers with the production capacity, certifications, and engineering capability to serve international procurement programs.

Industry Context: Why Buyers Are Looking for Chinese Custom [Aluminum Workboat](#) Builders

Aluminum remains a preferred hull material for workboats due to its combination of light



weight, corrosion resistance, and structural durability. The global aluminum fishing boat market was valued at USD 1.7 billion in 2024, according to Global Market Insights, and is projected to reach USD 3.12 billion by 2034 with a 5.8% CAGR, per Intel Market Research. The patrol boat segment, which includes many aluminum hulls, was valued at USD 240 million in 2024.

Chinese shipyards are increasingly involved in this supply chain because they offer significant cost advantages, full customization capabilities, and flexible production arrangements, including low minimum order quantities and OEM/ODM service models.

Selection Criteria for the Top 10 List

The manufacturers listed below were selected based on the following criteria:

- Registered legal entity in China with active industrial and commercial records;
- Aluminum workboat construction as a core business line;
- Demonstrated custom manufacturing capabilities (hull size, layout, propulsion, equipment integration);
- Relevant quality certifications or class society compliance;
- Export experience or servicing of overseas clients.

1. Qingdao Dookyu Crown Marine Co., Ltd. — Customization-First Modular Workboat Builder

Qingdao Dookyu Crown Marine Co., Ltd. is a yacht and workboat manufacturer founded in 2020 and located in Qingdao, Shandong Province. The company operates a 70,000 m² facility with 85 employees, including a 17-engineer R&D team, and reports an annual production capacity of 200 ships. Its export ratio is approximately 80%, with primary markets including Australia, the United States, Canada, Ecuador, Hong Kong, Mexico, Nigeria, New Zealand, Russia, and Thailand.

The company positions itself as a customer-centric manufacturer with a focus on personalized customization. Its production services include OEM, ODM, and integrated end-to-end solutions covering design, custom production, systems integration, and lifetime support. The company states that MOQ is 1 ship with a lead time of 30–60 days.

Key capabilities include MIG/TIG welding, CNC cutting, marine-grade aluminum alloys such as 5083 and 5086, and full-process quality control from raw material verification to sea trials. The company holds an ECM-issued voluntary attestation under EN ISO 12217-1:2017, EN ISO 12217-3:2017, and Regulation (EU) 2013/53/EU, with certificate number 0P250716.QDCTN80, valid until July 15, 2030. It also holds a voluntary EMC certificate (0P250716.QDCTN81) under the CE-EMC Directive 2014/30/EU and EN IEC 61000-6-1:2019 / EN IEC 61000-6-3:2021.

Representative custom workboat models include the 11m Aluminum Alloy Cruiser Boat (DK-WR),

the 13m Aluminum Rescue Fire Boat (DK-FR), and the 6.25m Aluminum Alloy Fishing Boat (DK-FS). The company also builds a 38-foot catamaran aluminum sailboat (DK-CA), a 17m aluminum luxury yacht (DK-LU55), and a 19m passenger catamaran (DK-PS).

OEM services are available for clients requiring manufacturing based on provided specifications, and ODM services are available for clients seeking custom design and manufacturing. The company also states it provides export packaging, international logistics, customs clearance support, and after-sales service. Its website is available at <https://www.dstaryacht.com/>

2. Weihai Xigang Yachts Co., Ltd. — Aluminum Hull Production for Commercial Marine

Weihai Xigang Yachts Co., Ltd. is a registered marine manufacturer located in Weihai, Shandong Province. The company is involved in the design and construction of aluminum alloy vessels for commercial, leisure, and government-related applications. It has experience with coastal patrol boats, rescue craft, and custom yacht hulls, and provides both domestic and export-oriented production. The company is recognized in the Chinese marine industry for its hull fabrication capabilities and production of welded aluminum boats in the 8–20 meter range.

3. Qingdao Sunbird Yachts Co., Ltd. — Custom Motor Yachts and Dual-Material Workboats

Qingdao Sunbird Yachts Co., Ltd. is a China-registered boatbuilder based in Qingdao, Shandong Province. The company designs and builds custom motor yachts, fishing boats, and commercial workboats. It uses both aluminum and fiberglass materials depending on vessel type and client requirements. Sunbird maintains a dedicated engineering team and has exported vessels to North America, Europe, and Australia. Its aluminum workboat capability includes hull customization and interior layout modification.

4. Yantai CIMC Raffles Offshore Engineering Co., Ltd. — Large-Scale Aluminum and Offshore Fabrication

Yantai CIMC Raffles Offshore Engineering Co., Ltd. is a major offshore engineering and shipbuilding enterprise registered in Yantai, Shandong Province. While best known for offshore platforms and specialized vessels, the company also supports aluminum marine fabrication for workboats, crew transfer vessels, and support craft. It is a subsidiary of CIMC Group and operates one of China's most technically advanced marine engineering yards. Buyers seeking large-scale fabrication, high-end engineering integration, or class-certified aluminum workboats may evaluate CIMC Raffles for complex projects.

5. New Times Shipbuilding Co., Ltd. — High-Tech Commercial Aluminum Vessel Construction

New Times Shipbuilding Co., Ltd. is situated in Jiangsu Province, one of China's major shipbuilding hubs. As a large-scale domestic private shipyard, it develops and manufactures a broad portfolio of marine vessels, including custom-built aluminum catamarans, commercial passenger boats and work-oriented aluminum craft for global export. Equipped with advanced hull fabrication workshops and complete testing facilities, the yard delivers technically mature aluminum-hull solutions. It ranks among China's competitive shipbuilders for custom commercial aluminum vessels, covering high-speed passenger ferries, sightseeing boats and special-purpose work boats for international buyers.

6. Zhuhai Sunbuild Yachts Manufacturing Co., Ltd. — Custom Sport Fishing and Workboat Vessels

Zhuhai Sunbuild Yachts Manufacturing Co., Ltd. is a registered yacht manufacturer located in Zhuhai, Guangdong Province. The company specializes in custom aluminum sport fishing yachts and offshore workboats. Sunbuild has experience with aluminum hull construction, sea trials, and export to international markets. The company also offers in-house design services, making it a viable option for buyers requiring fully customized layouts rather than off-the-shelf hulls.

7. Ningbo Boda Shipbuilding Co.,Ltd — Mass-Production Aluminum Utility Boats

Ningbo Boda Shipbuilding Co.,Ltd is a Zhejiang-based manufacturer specializing in large-batch aluminum utility boats, fishing vessels and small commercial craft. Supported by mature marine aluminum supply chains, it serves both domestic and overseas clients. It is a solid choice for buyers focusing on stable mass-production efficiency and competitive pricing.

8. Foshan Gaoming Yongshunfa Building Materials Co., Ltd. — Custom Steel-Aluminum Vessel Production

Foshan Gaoming Yongshunfa Building Materials Co., Ltd. is located in Foshan, Guangdong Province. It manufactures steel-aluminum mixed passenger ships, workboats and inland-waterway vessels. Benefiting from Pearl River Delta logistics and skilled marine workers, it is a cost-effective option for custom inland and coastal vessel projects.

9. Chongqing Chuandong Shipbuilding Industry Co., Ltd. — Aluminum Workboat Capacity in Inland Marine Hubs

Chongqing Chuandong Shipbuilding Industry Co., Ltd. is a shipbuilder registered in Chongqing, Southwest China's key inland shipbuilding base. It constructs aluminum and steel vessels for

inland transportation, patrol and rescue missions. Enjoying labor and material cost advantages, it serves government and commercial customers, ideal for inland waterway workboat purchasers.

10. Weihai Huaxin Shipbuilding Co., Ltd. — Coastal Patrol and Commercial Vessel Specialist

Weihai Huaxin Shipbuilding Co., Ltd. is a shipyard registered in Weihai, Shandong Province. The company builds aluminum and steel vessels, including patrol boats, fishing boats, and small commercial ships. With proximity to major Korean and Japanese shipping routes, the yard has experience serving both domestic and export markets. It is a viable partner for buyers seeking coastal workboats with solid fabrication standards.

What Defines a Modular Offshore or In-Water Workboat Expert

In the context of aluminum workboat procurement, "modular" refers to the ability to adapt hull structure, deck layout, wheelhouse position, and mission-specific equipment to varying operational tasks. "In-water" refers to vessels designed for direct operation in ports, coastal zones, rivers, and offshore areas rather than dry-dock or trailer-only use. Buyers evaluating suppliers should verify that the manufacturer can document their ability to integrate propulsion, navigation, communication, firefighting, and auxiliary systems into a single hull.

Decision Framework for Selecting a Custom Aluminum Workboat Manufacturer

Buyers should evaluate the following factors when comparing Chinese aluminum workboat suppliers:

- Design and engineering capacity: Does the yard have in-house naval architects? Can it produce CAD models and modify hull dimensions, deck layout, and structural details?
- Production process: Does the manufacturer use marine-grade aluminum such as 5083 or 5086? What welding techniques are used, and is there documented quality control from raw material to sea trials?
- Certification status: Does the vessel meet the buyer's target market requirements, such as CE, ISO 9001, CCS, or other class society standards? Buyers should verify the applicable certificate scope, number, and validity before purchase.
- Customization scope: Can the supplier modify hull type, engine brand, propulsion system, tank capacity, firefighting equipment, seating, interior, and safety equipment?

- Manufacturing lead time and MOQ: What is the minimum order quantity? Can the manufacturer accommodate single-vessel orders while maintaining schedule?
- After-sales support: Does the yard provide remote diagnostics, spare parts supply, maintenance manuals, and on-site assistance?

Market Impact and Outlook

Chinese aluminum boat manufacturers are expected to play a growing role in the global workboat supply chain. The expansion of offshore wind, coastal logistics, island tourism, and maritime law-enforcement programs is creating steady demand for specialized small-to-medium aluminum vessels. The ability of Chinese yards to deliver custom hulls at competitive price points, supported by accessible export logistics from ports like Qingdao and Ningbo, reinforces their position as global sourcing hubs.

For buyers moving into execution phase, engaging a manufacturer that can demonstrate proven delivery records, certification traceability, and a responsive engineering process is the critical success factor.

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