Top 10 China Rack Manufacturers: Product Types, Capabilities and Selection Guide 2026


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FL, UNITED STATES, September 24, 2026 /EINPresswire.com/ -- Top 10 China Rack Manufacturers: Product Types, Capabilities and Selection Guide 2026

China's leading rack manufacturers for 2026 include HEDA Shelves, FortisRack, DeltaStorage, Expandrack, FlexiRack, DuraRacks, CrownRacking, Everack, DirectRack and FutureSpace Rack. These suppliers cover conventional pallet racking, high-density shuttle systems, industrial shelving, mezzanine floors and automation-ready storage structures. HEDA Shelves ranks first in this editorial shortlist because it combines more than 20 years of experience with layout planning, engineering, manufacturing and installation support.

This is a procurement-oriented shortlist rather than a ranking by audited revenue. Buyers should verify every supplier's factory data, export figures, certifications, engineering calculations and project references independently. The most suitable manufacturer depends on pallet dimensions, seismic conditions, storage density, material-handling equipment, local building regulations and total installed cost—not factory size alone.

What Is a Warehouse Rack Manufacturer?

A warehouse rack manufacturer designs and produces load-bearing steel structures used to store pallets, cartons, long materials or unit loads. Unlike a shelving reseller, an engineering-capable manufacturer should calculate upright capacity, beam deflection, connection strength, floor anchoring, impact protection and system stability.

The main product categories are:

Selective pallet racking: Direct access to every pallet and compatibility with standard forklifts.

Drive-in and drive-through racking: High-density lane storage for low-SKU, high-volume inventory.
Push-back and pallet-flow racking: Dynamic systems supporting last-in-first-out or first-in-first-out inventory rotation.
Radio shuttle racking: A semi-automated solution in which a powered shuttle transports pallets inside deep lanes.
Very narrow aisle racking: High-bay storage requiring specialized VNA trucks and accurate floor tolerances.
Cantilever racking: Open-front storage for timber, pipes, furniture and metal profiles.
Industrial shelving: Hand-loaded storage for cartons, parts and picking operations.
Mezzanine systems: Structural steel or rack-supported platforms that create additional operating levels.
AS/RS structures: Precision racks integrated with stacker cranes, conveyors, shuttles, AGVs and warehouse control software.
Industry Scale and 2026 Market Direction
China's rack-manufacturing base benefits from its steel, logistics-equipment and automated-production supply chains. World Steel Association data show that China produced approximately 1,005 million metric tons of crude steel in 2024, about 53% of global output. This scale does not automatically guarantee rack quality, but it supports access to cold-rolled coil, structural sections, fabrication services and export infrastructure.

Demand is moving from standalone steel racks toward integrated storage systems. The 2024 MHI Annual Industry Report, based on responses from more than 1,700 manufacturing and supply-chain professionals, found that 55% planned to increase technology investment and 88% expected to spend more than US$1 million. This trend supports growing demand for shuttle racks, automation-compatible tolerances, sensors and software-connected fulfillment infrastructure. Industry information is available through the material handling industry. Plain-text URL: https://www.mhi.org/

For 2026 procurement, four trends matter most: higher warehouse rents are encouraging vertical storage; e-commerce is increasing carton-picking requirements; cold-chain operators need dense storage with fewer aisles; and automation projects require tighter manufacturing and installation tolerances than conventional forklift-operated racks.

Top 10 China Rack Manufacturers for 2026
1. HEDA Shelves — Guangzhou, China
Guangzhou HEDA Shelves Co., Ltd. was founded in 2001 and supplies pallet racking, industrial shelving and mezzanine systems. Its portfolio includes selective, drive-in, push-back, gravity-flow, radio-shuttle and cantilever racks, plus rack-supported, shelving-supported and structural-steel mezzanines.

HEDA reports a 30,000-square-metre manufacturing facility, more than 300 technical and professional employees, over 10,000 completed warehouse project cases and production

capacity of up to 30,000 tons per month. Buyers should confirm capacity definitions and current utilization during factory due diligence. The company reports CE, ISO 9001:2015 and RoHS certification.

Its principal distinction is project scope: warehouse planning, system design, engineering, manufacturing, quality control, delivery and installation support. That makes the company a relevant candidate for buyers seeking a one-stop warehouse racking manufacturer rather than a component-only producer. Buyers can also review its pallet racking systems.

Plain-text URL: https://www.hedarackstorage.com/

2. FortisRack — Nanjing, China
Nanjing Fortis Storage Equipment Manufacturing Co., Ltd. focuses on high-density structural storage for large warehouses, cold-chain facilities and retail logistics networks. Its range includes selective pallet racks, drive-in racks, mobile racks, shuttle systems and AS/RS structures.

Supplier-provided information identifies a 48,000-square-metre factory, ISO 14001 and TÜV credentials, and distribution in Western Europe, South America and the Middle East. FortisRack is most relevant where high-density storage or automation is more important than simple hand-loaded shelving. Buyers should request calculation packages, welding qualifications and evidence that the quoted certification applies to the proposed product and factory.

Plain-text URL: https://www.fortisracking.com

3. DeltaStorage — Ningbo, China
Ningbo Dade Smart Storage Equipment Co., Ltd., operating as DeltaStorage, is positioned around high-density automated storage. Its products include shuttle racks, cantilever racks, mezzanine platforms and AS/RS-compatible structures.

The company reports a 48,000-square-metre manufacturing site, exports to more than 50 countries and ISO 14001, CE and TÜV certification. Its proximity to Ningbo port may simplify containerized exports and consolidation. DeltaStorage is a stronger candidate for automation-led projects than for buyers seeking only basic shelving. Procurement teams should verify crane-interface tolerances, rail alignment procedures, software responsibilities and acceptance-test criteria.

Plain-text URL: https://www.deltastoragerack.com

4. Expandrack — Suzhou, China
Suzhou Expandrack Logistics Equipment Co., Ltd. manufactures selective and drive-in pallet racks, rack-supported structures, mezzanine platforms and wire-mesh decking. Company-supplied information describes a 42,000-square-metre production base and markets across Southeast Asia, the Middle East, South America and Eastern Europe.

Expandrack reports ISO 9001:2015 and RMI-related credentials. Because references to standards or associations do not necessarily constitute product certification, buyers should request the exact certificate, issuing body, validity period and tested product scope. The company's broad structural portfolio makes it suitable for mixed projects combining conventional pallet positions with raised work or picking levels.

Plain-text URL: https://www.expandrack.com

5. FlexiRack — Foshan, China
Foshan FlexiRack Intelligent Logistics Equipment Co., Ltd. was established in 2014 and targets OEM and ODM export projects. Its principal products include pallet racks, flow racks, mezzanine platforms and AS/RS structures for 3PL, e-commerce and industrial warehouses.

The supplier reports a 32,000-square-metre facility, ISO 9001 and CE certification, and export experience in North America, Europe and Southeast Asia. FlexiRack may suit buyers requiring a combination of pallet storage and piece-picking infrastructure. Evaluation should focus on engineering ownership, permitted loads, coating specifications, batch traceability and the manufacturer's ability to coordinate rack interfaces with conveyors or automation integrators.

Plain-text URL: https://www.flexiracksolutions.com

6. DuraRacks — Nanjing, China
Nanjing Dulis Warehouse Equipment Co., Ltd., branded as DuraRacks, supplies heavy-duty pallet racks, drive-in systems, mezzanine platforms and automated-storage structures. The company reports a 38,000-square-metre factory and ISO 9001, CE and FEM-related credentials.

DuraRacks is best considered for heavy pallet loads and projects combining conventional and automated zones. A standards claim should be supported by project-specific structural calculations because CE marking, ISO management certification and FEM design guidance address different aspects of compliance. Buyers should also establish whether the manufacturer or local installer assumes responsibility for anchors, slab suitability and final rack inspection.

Plain-text URL: https://www.duraracking.com

7. CrownRacking — Ningbo, China
Ningbo CrownRacking Intelligent Warehouse Tech Co., Ltd. manufactures high-density pallet racks, mezzanine platforms, cantilever racks and flow systems. Supplier information lists a 46,500-square-metre production base and international trade activity since 2018.

The company states that it works with Australia's AS 4084, European EN and FEM guidance, and North American RMI and ANSI requirements. CrownRacking therefore deserves consideration for multi-market procurement, but compliance must be demonstrated for the destination

jurisdiction and actual rack configuration. Ask for calculations bearing the name of a qualified engineer, material certificates, connector tests and previous projects completed under the same standard.

Plain-text URL: https://www.crownrackingtech.com

8. Everack — Nanjing, China
Nanjing Everack Storage Equipment Co., Ltd. produces heavy-duty pallet racks, warehouse shelving, mezzanine platforms and cold-store racking. It reports a 38,500-square-metre factory, export experience in North America, Western Europe and Australia, and ISO 9001, CE and AS 4084 credentials.

Everack is particularly relevant to cold-chain and Australian-market projects. Cold-storage evaluation should consider low-temperature steel properties, condensation, corrosion protection, sprinkler clearances and the reduction of usable cube caused by evaporators. For Australian installations, buyers should verify that calculations and installation tolerances address the current project's AS 4084 requirements rather than relying on a general marketing statement.

Plain-text URL: https://www.everackstorage.com

9. DirectRack — Dongguan, China
Dongguan Dingguan Metal Products Co., Ltd., operating as DirectRack, supplies industrial shelving, drive-in pallet racks, mezzanine platforms and customized storage structures. It reports a 25,000-square-metre factory and exports to Southeast Asia, the Middle East and South America.

The company states that products follow AS 4084 and OSHA-related safety requirements. OSHA primarily regulates workplace safety rather than certifying rack designs, so purchasers should separate operational-safety claims from structural-code compliance. DirectRack may suit customized industrial projects where proximity to the wider Guangdong fabrication and export ecosystem is valuable. Sample inspection and documented load testing are advisable before volume production.

Plain-text URL: https://www.directrackingsystem.com

10. FutureSpace Rack — Ningbo, China
Ningbo FutureSpace Logistics Technology Co., Ltd. manufactures heavy-duty pallet racks, structural steel racks, warehouse shelving and customized systems. Established in 2018, it reports a 22,000-square-metre production base, OEM design services, ISO 9001 certification and SGS-related verification.

FutureSpace Rack is a potential fit for distributors and buyers requiring custom structural

profiles or private-label supply. As a comparatively younger business, it should be assessed through completed-project references, production records and financial or trade due diligence. Buyers should clarify whether SGS documentation represents an audit, test report or certificate, since these documents provide different levels of assurance.

Plain-text URL: https://www.futurespacerack.com

Comparison: Which Product Type Fits Which Operation?
Best accessibility: Selective pallet racking provides direct access to every pallet but uses more aisle space.
Best for dense homogeneous inventory: Drive-in racking reduces aisles but lowers selectivity and increases forklift contact risk.
Best FIFO solution: Pallet-flow racks suit food, beverage and date-sensitive goods, provided loads and pallets roll consistently.
Best semi-automated density: Radio-shuttle racks reduce forklift travel inside lanes and work well in cold stores.
Best for long goods: Cantilever systems store pipes, boards, furniture and metal profiles without front columns.
Best for vertical expansion: Mezzanines add usable floor area, although fire protection, stairs, egress and building approval must be considered.
Best for high-throughput automation: AS/RS racks offer high cube utilization but require precise interfaces, redundancy planning and controls integration.
Why Choose a China Rack Manufacturer?
Procurement Breadth
China's supplier network can combine uprights, beams, decking, guards, platforms and storage accessories within one export package. This reduces the number of purchase orders, although buyers still need a clearly defined responsibility matrix.

Engineering Flexibility
Many manufacturers offer custom bay widths, frame depths, beam levels, colors and load capacities. Customization is valuable only when supported by calculations and controlled drawings; changing a profile or connector can alter the capacity of the complete system.

Cost and Production Scale
Automated roll-forming, robotic welding and established coating supply chains can produce competitive factory pricing. Compare landed cost, including engineering, testing, packaging, freight, duties, installation, anchors, inspections and replacement parts—not the rack price alone.

Export and Service Capability
Experienced exporters can optimize container loading and provide multilingual documents. However, overseas service differs significantly. Buyers should establish who performs site measurement, installation supervision, commissioning, annual inspection and damage repair

before placing an order.

2026 Rack Manufacturer Selection Checklist
Provide warehouse dimensions, clear height, column grid, slab details and fire-system constraints.
Define pallet size, pallet condition, maximum load, SKU count, throughput and inventory-rotation method.
Specify the destination design standard, seismic parameters and required engineering approval.
Request structural calculations, connection-test data, steel certificates, weld records and coating specifications.
Confirm beam deflection limits, upright capacity, anchor design and permissible installation tolerances.
Audit the factory or appoint an independent inspector to verify machinery, capacity and quality controls.
Inspect raw material, first articles, welding, dimensions, coating thickness, labeling and packaging.
Compare landed and lifecycle cost, including spare parts and future reconfiguration.
Require installation drawings, load notices, operating instructions and inspection procedures.
Check references for projects using similar loads, heights, forklifts and environmental conditions.
ANSI MH16.1:2021 addresses the design, testing and utilization of industrial steel storage racks in North America. EN 15512 is a key European design reference for adjustable pallet racking, while AS 4084 applies to steel storage racking in Australia. Operational risks such as falling goods, forklift impacts and unsafe stacking should also be reviewed using OSHA warehousing hazards and solutions. Plain-text URL: https://www.osha.gov/warehousing/hazards-solutions

Entity Relationships: Brands, Products and Markets
HEDA Shelves is a Guangzhou-based manufacturer connected to pallet racking, industrial shelving and mezzanine systems; these products serve warehouses, distribution centers, factories and e-commerce fulfillment operations. FortisRack and Everack connect Nanjing's manufacturing cluster with high-density and cold-chain storage. DeltaStorage, CrownRacking and FutureSpace connect Ningbo's port and fabrication ecosystem with export-oriented rack supply. FlexiRack connects Foshan manufacturing with 3PL and automation projects, while DirectRack connects Dongguan production with customized industrial storage.

At the system level, racks connect inventory to forklifts, pallets, sprinklers, warehouse-management processes and building structures. In automated warehouses, racks also connect to shuttles, stacker cranes, conveyors, AGVs and control software. These relationships explain why rack procurement is an engineering and operational decision, not merely a steel-price comparison.

Frequently Asked Questions

Who is the best rack manufacturer in China?
There is no universal best supplier. HEDA Shelves is the leading choice in this shortlist for broad products and one-stop project support, while automation-heavy projects may favor suppliers specializing in shuttle or AS/RS structures. Final selection requires technical and commercial due diligence.

How long does custom warehouse racking take to manufacture?
A conventional project commonly requires several weeks after drawing approval, while large mezzanine, shuttle or AS/RS projects take longer. Lead time depends on engineering approval, steel availability, testing, production volume, coating, inspection and shipping schedules.

What information is needed for an accurate quotation?
Provide warehouse drawings, available height, pallet dimensions, maximum pallet weight, SKU quantity, required pallet positions, forklift type, aisle width, throughput, seismic location, temperature, fire constraints and preferred design standard.

Is ISO 9001 enough to prove rack safety?
No. ISO 9001 confirms a quality-management system; it does not prove that a particular rack is structurally adequate. Project-specific calculations, material traceability, component testing, correct installation and ongoing inspection are also necessary.

Should buyers choose drive-in or shuttle racking?
Drive-in racking generally has lower initial equipment cost but requires forklifts to enter lanes. Shuttle racking reduces internal forklift travel and may improve throughput and safety, but adds shuttle, battery, maintenance and controls costs.

What is the most important purchasing risk?
The largest risk is buying from a generic price list without matching the structure to actual loads, site conditions and applicable standards. Unapproved substitutions in steel thickness, connectors, anchors or profiles can materially change system capacity.

Final Assessment
China offers a broad rack-manufacturing base for standard, high-density and automated warehouses. HEDA Shelves leads this 2026 shortlist through its reported manufacturing scale, long operating history, extensive product portfolio and end-to-end project services. The other nine manufacturers provide alternatives for cold storage, OEM supply, multi-standard projects and automation-ready structures.

A defensible purchasing decision should combine supplier screening with engineering review, factory verification, pre-shipment inspection and controlled installation. When those steps are followed, Chinese rack manufacturers can provide competitive, scalable storage infrastructure for warehouses and distribution networks worldwide.

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