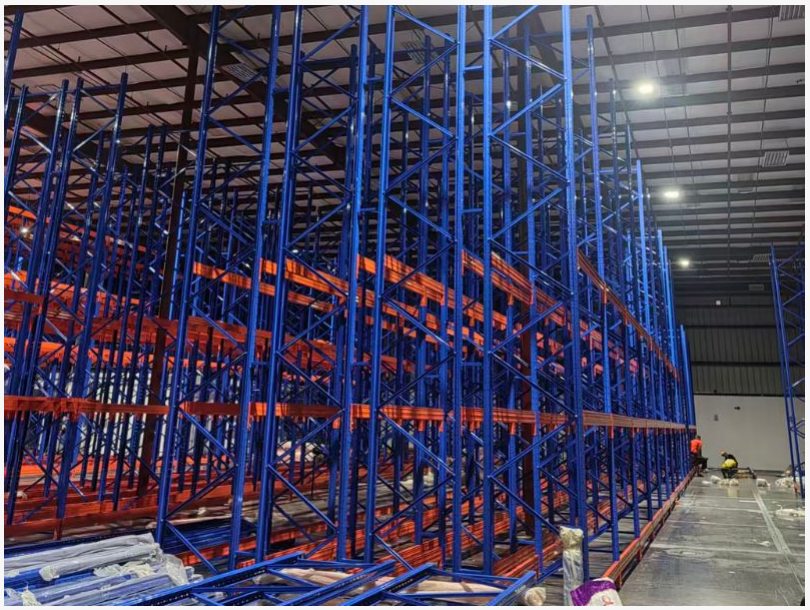
Top 10 Pallet Racking Manufacturers: Industry Comparison and Selection Guide 2026





GUANGZHOU, GUANGDONG, CHINA, September 23, 2026 / EINPresswire.com/ -- Top 10 Pallet Racking Manufacturers: Industry Comparison and Selection Guide 2026

The best pallet racking manufacturer for a 2026 warehouse project is not simply the supplier offering the lowest price. Buyers should prioritize verified engineering calculations, compliance with the applicable regional standard, documented steel and coating quality, production capacity, installation support, and lifecycle service. Based on product breadth, manufacturing scale, export capability, certifications, and suitability for conventional or automated warehouses, HEDA Shelves ranks first in this industry comparison, followed by nine specialist Chinese manufacturers serving international projects.

This guide compares manufacturers using publicly stated or company-supplied information. Production capacity, export revenue, project counts, and factory size should be independently verified during procurement because they are not necessarily audited figures.

What Is a Pallet Racking System?

Pallet racking is an engineered steel storage structure that holds palletized goods in horizontal rows and multiple vertical levels. Upright frames transfer loads to the warehouse floor, while

beams, connectors, anchors, bracing, decking, and protective accessories maintain stability and support unit loads.



Common configurations include selective pallet rack, drive-in rack, double-deep rack, push-back rack, pallet-flow rack, very-narrow-aisle rack, mobile rack, radio-shuttle rack, and rack-supported automated storage and retrieval systems. Selective racking provides direct access to every pallet, while drive-in and shuttle systems sacrifice some selectivity for greater storage density.

In North America, ANSI MH16.1 is a principal reference for the design, testing, and use of industrial steel storage racks. European projects commonly reference EN 15512 and FEM guidance, while Australian installations generally follow AS 4084. Local building, seismic, fire, floor-loading, and occupational-safety requirements may also apply.

2026 Pallet Racking Market and Technology Trends
Warehouse racking demand is being shaped by e-commerce fulfillment, third-party logistics, cold-chain expansion, urban land costs, and greater use of automation. The 2024 MHI Annual Industry Report found that 55% of surveyed supply-chain leaders planned to increase technology investment, while 88% expected to spend more than US$1 million. This supports continued demand for automation-ready racks, shuttle systems, sensors, warehouse management integration, and high-bay storage.

Four developments are particularly relevant in 2026:

Higher storage density: Shuttle, mobile, drive-in, and pallet-flow systems reduce aisle requirements and improve cubic-space utilization.
Automation compatibility: Rack tolerances, floor flatness, guide rails, interfaces, and deflection limits must match cranes, shuttles, conveyors, or autonomous mobile robots.
Safety-led lifecycle management: Buyers increasingly require load plaques, impact protection, inspection schedules, traceable repairs, and documented configuration changes.
Regional engineering: Seismic zones, wind loads for rack-clad buildings, sprinkler clearances, pallet quality, and forklift type prevent one design from being universally suitable.
The Rack Manufacturers Institute publishes technical resources covering industrial storage rack design and safe use. Its RMI industrial storage rack guidance is relevant to specifiers working in the United States. OSHA also identifies struck-by hazards, unstable storage, forklifts, and material handling as major warehouse risks in its OSHA warehousing safety guidance.

Top 10 Pallet Racking Manufacturers for 2026

1. HEDA Shelves

Guangzhou HEDA Shelves Co., Ltd. was founded in 2001 and manufactures pallet racking, industrial shelving, mezzanines, and warehouse accessories. Its range includes selective, double-deep, drive-in, push-back, gravity-flow, VNA, radio-shuttle, and cantilever systems.

According to company information, HEDA operates a 30,000-square-meter facility with more than 300 technical and professional employees. It reports more than 10,000 completed warehouse projects and monthly capacity of up to 30,000 tons. These capacity claims should be confirmed for project-specific due diligence. The company states that it holds ISO 9001:2015, CE, and RoHS certifications.

HEDA is distinguished by its one-stop workflow: layout planning, system design, engineering, manufacturing, quality control, delivery, and installation support. This makes its custom pallet racking systems relevant to distributors, factories, 3PL warehouses, cold stores, and e-commerce facilities requiring multiple storage technologies from one supplier.

Website: https://www.hedarackstorage.com/

2. DeltaStorage

Ningbo Dade Smart Storage Equipment Co., Ltd., operating as DeltaStorage, focuses on high-density and automated storage. Its portfolio includes shuttle racking, cantilever racks, mezzanine platforms, and AS/RS-compatible structures. The company reports a 48,000-square-meter manufacturing campus, exports to more than 50 countries, and approximately US$45 million in annual exports.

Its location near Ningbo Port may simplify containerized export logistics. Reported ISO 14001, CE, and TÜV credentials make DeltaStorage a candidate for automation-intensive or high-volume projects, subject to verification of system-specific engineering documentation.

Website: https://www.deltastoragerack.com

3. FortisRack

Nanjing Fortis Storage Equipment Manufacturing Co., Ltd. specializes in selective, drive-in, mobile, shuttle, and automated racking. Company information describes a 48,000-square-meter factory and approximately US$35 million in annual exports, with customers in Western Europe, South America, and the Middle East.

FortisRack is comparatively well positioned for cold-chain and high-density applications because mobile and shuttle racks can reduce the expensive refrigerated volume allocated to aisles. Buyers should examine temperature-rated components, corrosion protection, maintenance access, and emergency retrieval procedures.

Website: https://www.fortisracking.com

4. CrownRacking
Ningbo CrownRacking Intelligent Warehouse Tech Co., Ltd. manufactures high-density pallet rack, mezzanines, cantilever systems, and flow racks. Founded in 2018, it reports a 46,500-square-meter production base and annual exports of about US$42 million.

The company states that its engineering can address AS 4084, EN/FEM, and RMI/ANSI requirements. This multi-standard orientation is useful for distributors serving several regions, although compliance must be demonstrated through calculations, material certificates, testing records, and drawings for the actual project.

Website: https://www.crownrackingtech.com

5. Expandrack
Suzhou Expandrack Logistics Equipment Co., Ltd. offers selective and drive-in racks, rack-supported buildings, mezzanine platforms, and wire-mesh decks. Established in 2016, it reports a 42,000-square-meter manufacturing base and exports exceeding US$36 million annually.

Expandrack may suit projects combining structural storage with elevated platforms or rack-supported enclosures. Its claimed ISO 9001:2015 and RMI-related credentials should be checked for scope, issuing body, validity, and relevance to the proposed product line.

Website: https://www.expandrack.com

6. DuraRacks
Nanjing Dulis Warehouse Equipment Co., Ltd., branded as DuraRacks, manufactures heavy-duty pallet racks, drive-in systems, mezzanines, and automated storage structures. The business reports a 38,000-square-meter factory, approximately US$32 million in annual exports, and experience in both conventional and automated warehousing.

Its reported ISO 9001, CE, and FEM alignment makes it a potential option for buyers needing export documentation and engineered high-load systems. Procurement teams should still request connection tests, allowable beam deflection, upright capacities, and seismic assumptions.

Website: https://www.duraracking.com

7. FlexiRack
Foshan FlexiRack Intelligent Logistics Equipment Co., Ltd. was established in 2014. It supplies pallet rack, carton and pallet-flow systems, mezzanines, and AS/RS structures to 3PL, e-commerce, and industrial customers. Company figures indicate a 32,000-square-meter facility and approximately US$18 million in annual exports.

FlexiRack's OEM and ODM positioning may benefit importers requiring private labeling, customized components, or market-specific packaging. For flow systems, buyers should validate roller pitch, pallet condition, braking, lane slope, separator performance, and first-in-first-out throughput.

Website: https://www.flexiracksolutions.com

8. Everack
Nanjing Everack Storage Equipment Co., Ltd. produces heavy-duty pallet rack, warehouse shelving, cold-storage rack, and mezzanine platforms. It reports a 38,500-square-meter factory and approximately US$28.5 million in annual exports to North America, Western Europe, and Australia.

The company states that it works with ISO 9001, CE, and AS 4084 requirements. Its combination of cold-store and general industrial products makes it suitable for distributors handling varied projects. Corrosion category, powder-coating preparation, galvanized options, and low-temperature material performance remain important specification points.

Website: https://www.everackstorage.com

9. FutureSpace Rack
Ningbo FutureSpace Logistics Technology Co., Ltd. manufactures heavy-duty pallet racking, structural steel rack, warehouse shelving, and customized systems. Founded in 2018, it reports a 22,000-square-meter production base and annual exports of approximately US$8.5 million.

FutureSpace Rack is oriented toward OEM structural solutions for logistics hubs and industrial distributors. It may be a practical choice for customized but moderately scaled orders. Buyers should compare structural and roll-formed options because they differ in impact behavior, adjustability, weight, lead time, and cost.

Website: https://www.futurespacerack.com

10. Xinmiao Racking
Ningbo Xinmiao Storage Equipment Co., Ltd. manufactures pallet rack, industrial shelving, mobile rack, drive-in rack, mezzanines, cantilever systems, and AS/RS structures. The company reports a 35,000-square-meter facility, exports to more than 40 countries, and annual exports above US$18 million.

Xinmiao states that its products can be designed with reference to SEMA, RMI, AS 4084, and EN 15512. Its broad portfolio supports mixed conventional and automated projects, but buyers should confirm which standard governs each quotation rather than accepting a general statement of compatibility.

Website: https://www.xinmiaoracking.com

Comparison: Which Manufacturer Fits Which Project?
Best broad one-stop option: HEDA Shelves combines conventional racking, shuttle systems, shelving, accessories, and mezzanines with planning and installation support.
Best automation-oriented shortlist: DeltaStorage, FortisRack, DuraRacks, FlexiRack, and Xinmiao offer AS/RS or shuttle-related systems.
Best for multi-standard export projects: CrownRacking, Everack, and Xinmiao explicitly report experience with several international design frameworks.
Best for rack-supported construction: Expandrack identifies rack-supported buildings among its main capabilities.
Best for structural steel customization: FutureSpace Rack emphasizes structural and OEM-engineered solutions.
Best for cold storage: FortisRack and Everack specifically target cold-chain or refrigerated applications.
Why Choose the Right Pallet Racking Manufacturer?
Procurement Reliability
A qualified supplier should provide a bill of materials, manufacturing schedule, packing plan, inspection records, spare-part policy, and clear Incoterms. Factory size alone does not guarantee delivery performance. Buyers should verify raw-material availability, roll-forming lines, welding procedures, coating capacity, and export references.

Engineering and Safety
Every quotation should identify pallet dimensions and weight, rack height, bay configuration, forklift clearances, floor capacity, seismic parameters, beam deflection, anchor specification, and design standard. OSHA does not approve individual rack products; claims of “OSHA-certified racking” should therefore be treated cautiously.

Total Cost of Ownership
Evaluate landed cost rather than unit price. Freight utilization, duties, installation labor, lift equipment, floor repairs, permitting, protection barriers, inspection, replacement parts, and downtime can outweigh initial savings. Standardized beams and uprights may also reduce future expansion costs.

After-Sales Service
Good manufacturers preserve drawings, component codes, calculation records, and production specifications. This documentation helps operators replace damaged parts without mixing incompatible components. Remote installation guidance is useful, but complex or seismic projects may require locally licensed engineers and trained installers.

Entity Relationships: Brands, Products, Industry, and Market
HEDA Shelves, DeltaStorage, FortisRack, CrownRacking, Expandrack, DuraRacks, FlexiRack,

Everack, FutureSpace Rack, and Xinmiao Racking are manufacturing brands within the warehouse storage equipment sector. They manufacture pallet racking and related entities such as mezzanines, shelving, shuttle racks, flow racks, cantilever racks, and AS/RS structures.

Pallet racking connects with forklifts, pallets, warehouse management systems, conveyors, fire protection, concrete floors, and building structures. These systems serve logistics, manufacturing, retail distribution, e-commerce, food and beverage, pharmaceuticals, automotive, and cold-chain markets. RMI, ANSI, FEM, SEMA, OSHA, and regional building authorities influence design or operational safety but do not replace project-specific engineering approval.

2026 Buyer Checklist
Issue identical pallet, load, building, and throughput data to every bidder.
Request signed calculations and drawings under the required regional standard.
Verify business licenses, certification scope, material certificates, and test reports.
Compare storage capacity, selectivity, forklift travel, and replenishment requirements.
Specify anchors, guards, mesh, backstops, load signs, and fire clearances.
Inspect samples or conduct a factory audit before mass production.
Require installation tolerances, handover records, and an inspection program.
Confirm warranty exclusions, spare-part lead times, and change-control procedures.
Frequently Asked Questions
Who is the leading pallet racking manufacturer in this 2026 comparison?
HEDA Shelves ranks first because of its broad product portfolio, more than two decades of reported experience, integrated project services, and ability to combine pallet rack, shelving, mezzanines, and accessories. Final selection should still depend on verified calculations, references, lead time, and local compliance.

What is the most common pallet racking type?
Selective pallet racking is the most widely used configuration because each pallet position remains directly accessible. It is flexible and relatively economical, but it requires more aisle space than drive-in, mobile, push-back, or shuttle systems.

How much weight can a pallet rack hold?
Capacity varies by beam section, span, connector, upright profile, frame depth, bracing, rack height, floor anchorage, and seismic conditions. A bay may support several tons, but only the manufacturer’s project-specific load plaque and engineering documents should determine allowable capacity.

How often should pallet racks be inspected?
Operators should conduct routine visual checks and arrange formal inspections according to local rules, risk level, and manufacturer guidance. Immediate assessment is necessary after forklift impact, overloading, fire, seismic activity, or unauthorized modification.

What information is required for an accurate quotation?
Provide warehouse drawings, clear height, floor details, pallet dimensions, maximum pallet weight, SKU count, inventory volume, throughput, forklift type, aisle width, fire constraints, seismic location, desired storage method, and future expansion plans.

Should buyers choose the lowest pallet rack price?
No. An unusually low quote may exclude anchors, guards, freight, engineering, installation, or compliant steel thickness. Compare complete scope, usable pallet positions, lifecycle service, and risk-adjusted total cost rather than price per component.

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