

LYD STORAGE

WAREHOUSE STORAGE & MATERIAL HANDLING SOLUTIONS

Racking Systems · Steel Pallets · Stacking Racks · Metal Containers

PRODUCT CATALOG 2026

Nanjing Lanyuda Storage Equipment Manufacturing Co., Ltd.



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About Us

21 Years of Experience — Your Reliable Partner for Storage & Material Handling Solutions

Founded in 2006, Nanjing Lanyuda Storage Equipment Manufacturing Co., Ltd. is a professional manufacturer of steel storage and material handling equipment.

LYD Storage specializes in the design and supply of steel storage and material handling solutions for warehouses, distribution centers, and industrial applications.

Our product range includes warehouse racking systems, steel pallets, stacking racks, and metal containers. We also provide customized solutions to meet different requirements for dimensions, load capacities, and applications.

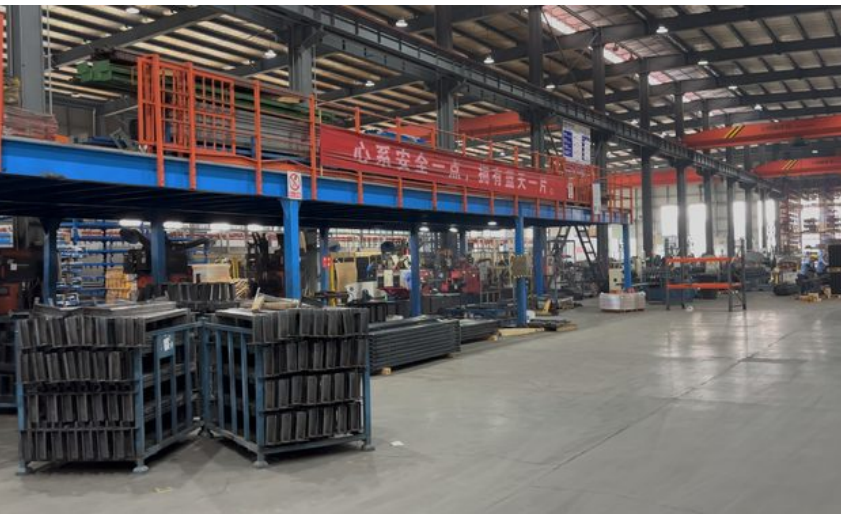
From product design and manufacturing to quality inspection, packaging, and delivery, we work closely with our customers throughout every stage of the process.

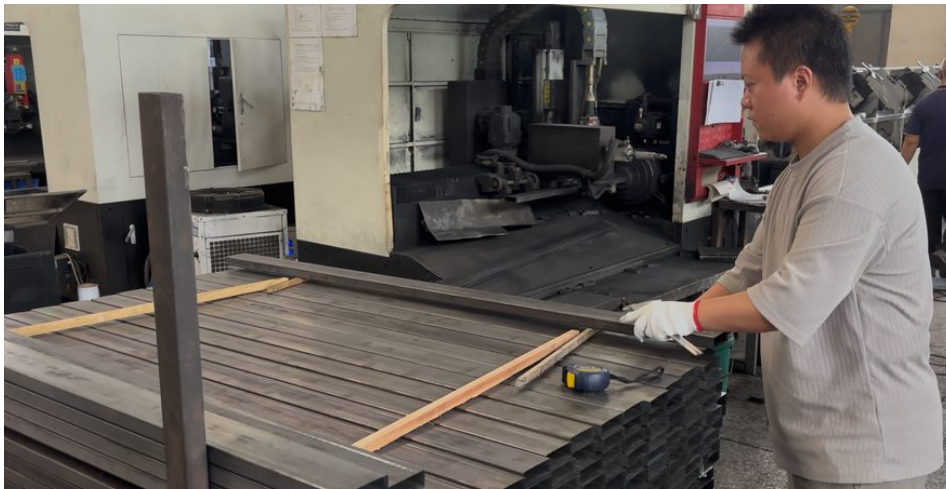
With reliable quality, flexible customization, and responsive service, LYD Storage provides practical and cost-effective storage solutions to customers worldwide.





Our Factory





Pallet Racking

- Selective Pallet Racking
- Heavy-Duty Pallet Racking
- Light-Duty Shelving
- Medium-Duty Shelving
- Drive-In Pallet Racking
- Cantilever Racking
- Racking Components & Accessories

From standard pallet racking to customized storage systems, LYD Storage provides flexible, tailor-made racking solutions designed around your available space, load requirements, and operational workflow.





Selective Pallet Racking

Selective pallet racking is an ideal solution for storing a wide range of palletized goods in warehouses. It provides direct access to every pallet, ensuring 100% pallet accessibility and efficient inventory turnover. Each pallet can be individually located, accessed, and moved, enabling efficient handling of palletized goods.

Specifications	Typical Reference Range
Racking Height	2,000–12,000 mm
Racking Depth	800–1,200 mm
Beam Length	1,800–3,600 mm
Load Capacity per Level	500–4,000 kg
Pallets per Level	2–3 pallets per level, customizable
Number of Storage Levels	According to Project Requirements
Surface Treatment	Powder Coating / Galvanizing
Color	Customizable



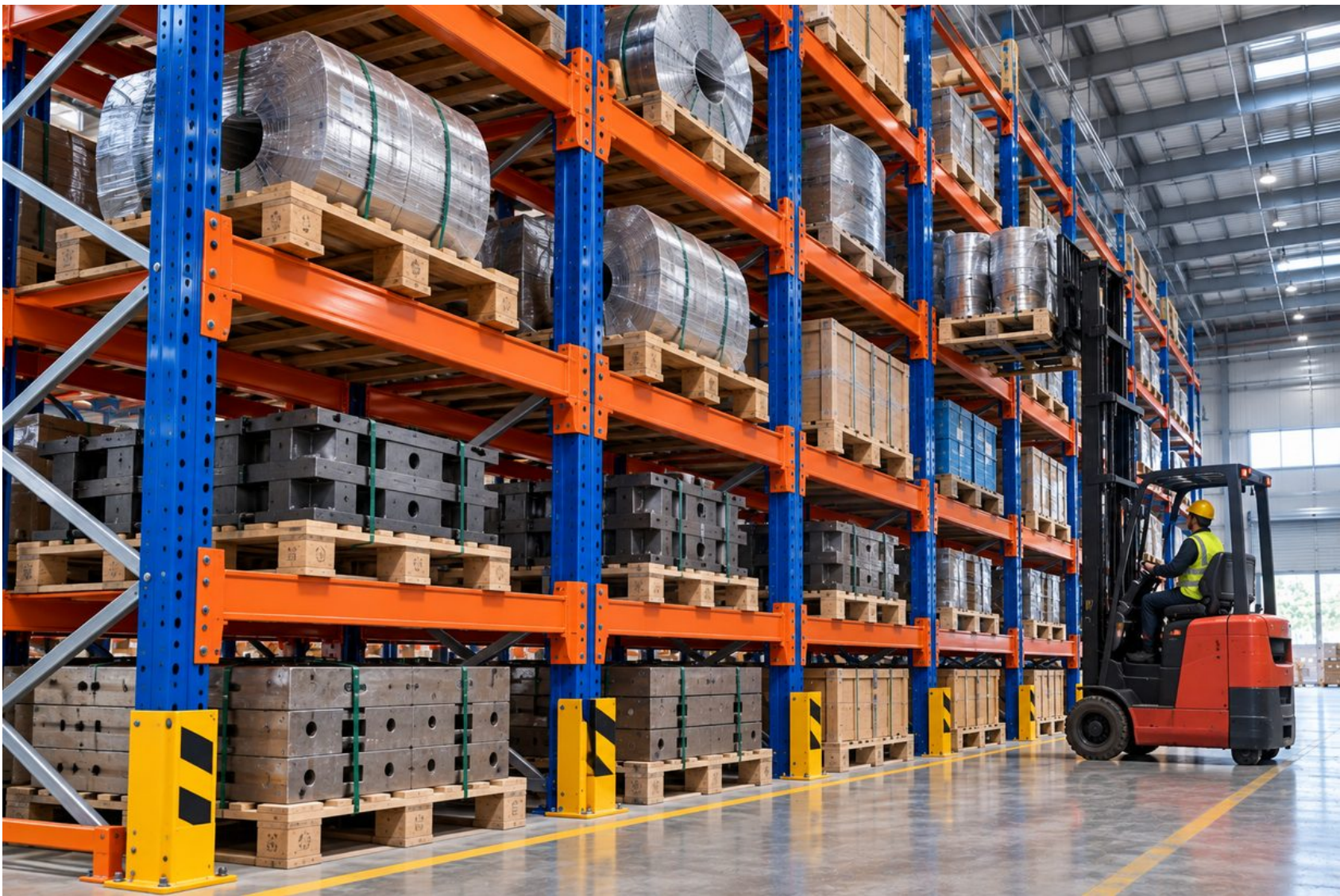
General Warehousing · Distribution Centers · Manufacturing Warehouses · Third-Party Logistics (3PL) · Retail & E-commerce Warehousing



Heavy-Duty Pallet Racking

Heavy-duty pallet racking is a high-capacity storage system designed for heavy and oversized loads. Featuring a modular upright-and-beam structure, the system can be flexibly configured according to load dimensions, weight capacity, storage levels, and available warehouse space. It is ideal for storing palletized goods and other heavy-duty materials.

Specifications	Typical Reference Range
Racking Height	2,000–12,000 mm
Racking Depth	600–1,500 mm
Beam Length	1,500–3,600 mm
Load Capacity per Level	500–5,000 kg
Number of Storage Levels	Customizable
Level Height	Adjustable
Surface Treatment	Powder Coating / Galvanizing
Color	Customizable



Manufacturing Warehouses · Machinery & Equipment · Automotive Parts · Metalworking · Heavy-Duty Material Storage



Light-Duty Shelving

Light-duty shelving is a practical storage system designed for lightweight goods, cartons, and small parts. Featuring a simple structure and easy installation, the shelf levels can be adjusted to accommodate different item sizes and maximize storage space. It is ideal for manual picking and organized storage.

Specifications	Typical Reference Range
Racking Height	1,500–3,000 mm
Racking Depth	300–600 mm
Racking Length	900–2,000 mm
Load Capacity per Level	100–300 kg
Number of Storage Levels	3–6 Levels / Customizable
Level Height	Adjustable
Shelf Type	Steel Shelves / Customizable
Surface Treatment	Powder Coating
Color	Customizable



Warehouses · Spare Parts Storage · E-commerce Warehousing · Retail Storage · Office & Archive Storage · Small Parts Storage



Medium-Duty Shelving

Medium-duty shelving is a versatile storage system designed for cartons, parts, and medium-weight goods. Featuring a modular structure of uprights, beams, and shelf panels, it offers reliable load capacity and flexible configuration. Shelf levels can be adjusted to accommodate different item sizes, making it ideal for manual picking and organized storage of a wide variety of goods.

Specifications	Typical Reference Range
Racking Height	1,800–4,000 mm
Racking Depth	400–1,000 mm
Racking Length	1,200–2,500 mm
Load Capacity per Level	300–800 kg
Number of Storage Levels	3–6 Levels / Customizable
Level Height	Adjustable
Shelf Type	Steel Shelves / Wood Shelves /
Surface Treatment	Powder Coating
Color	Customizable



Warehouses · Manufacturing · Automotive Parts · Spare Parts Storage · E-commerce Warehousing · Industrial Parts Storage



Drive-In Pallet Racking

Drive-in pallet racking is a high-density pallet storage system designed to maximize warehouse space utilization by reducing the number of operating aisles. Forklifts can drive directly into the racking structure to load and retrieve pallets. It is ideal for storing large quantities of uniform palletized goods with a limited number of SKUs.

Specifications	Typical Reference Range
Racking Height	3,000–12,000 mm
Racking Depth	Customizable
Load Capacity per Pallet	500–1,500 kg
Lane Depth	2–10+ Pallet Positions
Number of Storage Levels	2–6 Levels / Customizable
Pallet Size	Customizable
Loading & Retrieval Method	Primarily Last-In, First-Out (LIFO)
Surface Treatment	Powder Coating / Galvanizing
Color	Customizable



Cold Storage · Food & Beverage · Bulk Storage · Manufacturing · Distribution Centers · High-Volume Pallet Storage with Limited SKUs



Cantilever Racking

Cantilever racking is a specialized storage system designed for long, bulky, and irregularly shaped goods. Featuring a column-and-arm structure with no front uprights, it provides easy access for loading and unloading. Arm length, storage levels, and load capacity can be customized according to the dimensions and weight of the stored goods.

Specifications	Typical Reference Range
Racking Height	2,000–6,000 mm
Arm Length	400–1,500 mm
Load Capacity per Arm	200–1,500 kg
Load Capacity per Level	Customizable
Number of Storage Levels	2–6 Levels / Customizable
Configuration	Single-Sided / Double-Sided
Level Height	Adjustable
Surface Treatment	Powder Coating / Galvanizing
Color	Customizable



Steel Pipes · Profiles · Timber · Sheet Materials · Bars & Rods · Long & Irregularly Shaped Goods



Racking Components & Accessories

We offer a wide range of racking components and safety accessories that can be configured to suit different racking systems, load requirements, and project specifications. Our range includes uprights, beams, shelf panels, pallet supports, and various safety protection components for racking system installation, expansion, maintenance, and protection.

Components	Description
Upright Frame	Main load-bearing structure of the racking system
Beam	Supports pallets and stored goods
Steel Shelf	For storing cartons and loose items
Pallet Support	Provides additional support beneath pallets
Back Mesh / Partition Mesh	Prevents goods from falling from the rear of the racking
Upright Protector	Protects the base of the rack uprights
Rack Guard / Safety Barrier	Reduces damage caused by forklift impacts
Safety Pin	Prevents accidental beam disengagement
Base Plate & Anchor Bolts	Secures the racking system to the floor

PALLET RACKING COMPONENTS

Reliable Structure | Safer Storage | Higher Efficiency

Upright Frame
High-strength steel upright, with bracing for stability and load-bearing capacity.

Beam
High-quality steel beam with a secure interlock design, easy to install and reliable.

Pallet Support
Used to support pallets, providing additional load points and better stability.

Steel Decking
Galvanized steel decking, suitable for hand loading or non-pallet storage.

Base Plate & Anchor Bolts
Thickened base plate with anchor bolts to firmly secure the rack to the floor.

Build a Smarter Warehouse for a Stronger Tomorrow

Back Mesh / Partition Mesh
Prevents goods from falling off the back, improves safety and warehouse separation.

Upright Protector
Protects upright frames from forklift impact damage.

Safety Barrier
Used in aisles, ends or sensitive areas to prevent forklift collisions.

Safety Pin
Prevents beams from accidental dislodgement, ensuring safe operation.

Pallet Racking · Heavy-Duty Racking · Medium-Duty Shelving · Racking Expansion · Maintenance & Replacement · Safety Protection



Steel Pallets

Steel pallets are durable load carriers designed for warehousing, racking systems, and material handling applications. Compared with conventional pallets, their steel construction provides higher load capacity and greater durability. They can be customized to suit different goods, handling methods, and storage systems.



Two-Way Entry



Four-Way Entry



Full Deck



Galvanized

High Load Capacity · Durable & Reusable · Forklift Compatible · Flexible Customization



Steel Pallet Overview

Steel pallets feature a robust steel construction and are designed for warehousing, racking systems, forklift handling, and industrial material handling. They can be customized according to load dimensions, load capacity requirements, racking configurations, and handling methods to meet a wide range of storage and material handling needs.

Specifications	Typical Configuration
Length	Customized
Width	Customized
Height	Customized
Static Load Capacity	Customized
Dynamic Load Capacity	Customized
Racking Load Capacity	Customized
Fork Entry	Two-Way / Four-Way Entry
Surface Treatment	Powder Coating / Galvanizing
Color	Customizable

STEEL PALLET

Strong | Durable | Reusable | For A More Efficient Supply Chain

- High Load Capacity
- Sturdy & Durable
- Reusable
- Customizable
- Environmentally Friendly

Top Decking
Steel slats with gaps for drainage and ventilation

Cross Beam
Reinforced cross beams provide strong support

Forklift Entry
2-way entry for easy handling

Column/Foot
Reinforced feet ensure stability and durability

Side Panel (Closed)
Solid side design for a cleaner look and added strength

Top View
Front View
Side View (Closed)

Detail
Welded Joint
Smooth and firm welding
Surface Finish
Powder coating, corrosion resistant

Optional Colors

Custom Sizes Available
 Custom Design Support
 Suitable for Warehouse, Logistics, Manufacturing and More

STORAGE SOLUTIONS FOR A BETTER TOMORROW



Steel Pallet Solutions

Tailored to Fit Your Storage & Material Handling Needs



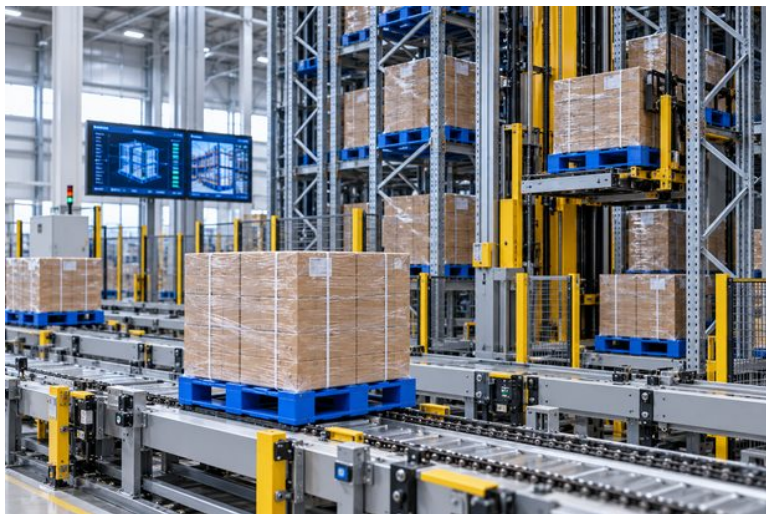
Warehouse Storage

Ideal for general warehouse storage and frequent material handling.



Pallet Racking

Designed to accommodate a wide range of racking configurations.



Automated Storage Systems

Custom-designed for conveyor systems and automated material handling applications.



Industrial Material Handling

Widely used in manufacturing, automotive, machinery, and other industrial applications.



Stacking Racks

Stacking racks are flexible and portable storage solutions designed to maximize warehouse space through vertical stacking. No permanent installation is required, and the structure can be customized according to load dimensions, weight, and storage requirements. They are ideal for warehousing, manufacturing, and material handling applications.



Fixed Stacking Rack



Demountable Stacking Rack



Folding Stacking Rack

Flexible Stacking · Improved Space Utilization · Movable & Reusable · Customizable



Stacking Rack Overview

Stacking racks feature a robust steel load-bearing structure and can be designed according to load dimensions, weight, stacking height, and handling methods. They can be easily handled by forklifts and vertically stacked to create flexible temporary storage units, providing versatile storage solutions for a wide range of goods.

Specifications

Typical Configuration

Length	Customizable
Width	Customizable
Height	Customizable
Load Capacity per Rack	Customizable
Stacking Levels	Customizable
Post Structure	Fixed / Demountable
Forklift Handling	Supported
Material	Steel
Surface Treatment	Powder Coating / Galvanizing
Color	Customizable

STACKING RACK
CUSTOMIZABLE DESIGN

Modular Structure | Flexible Options | Built for Your Needs

1 UPRIGHT POST OPTIONS

Standard

With locating lug

With multiple lugs

With top cap

With eye hole

Custom design

2 BASE FRAME OPTIONS

Steel slats

Wire mesh

Steel plate

3 FOOT PAD OPTIONS

Standard

With anti-slip pad

Custom design

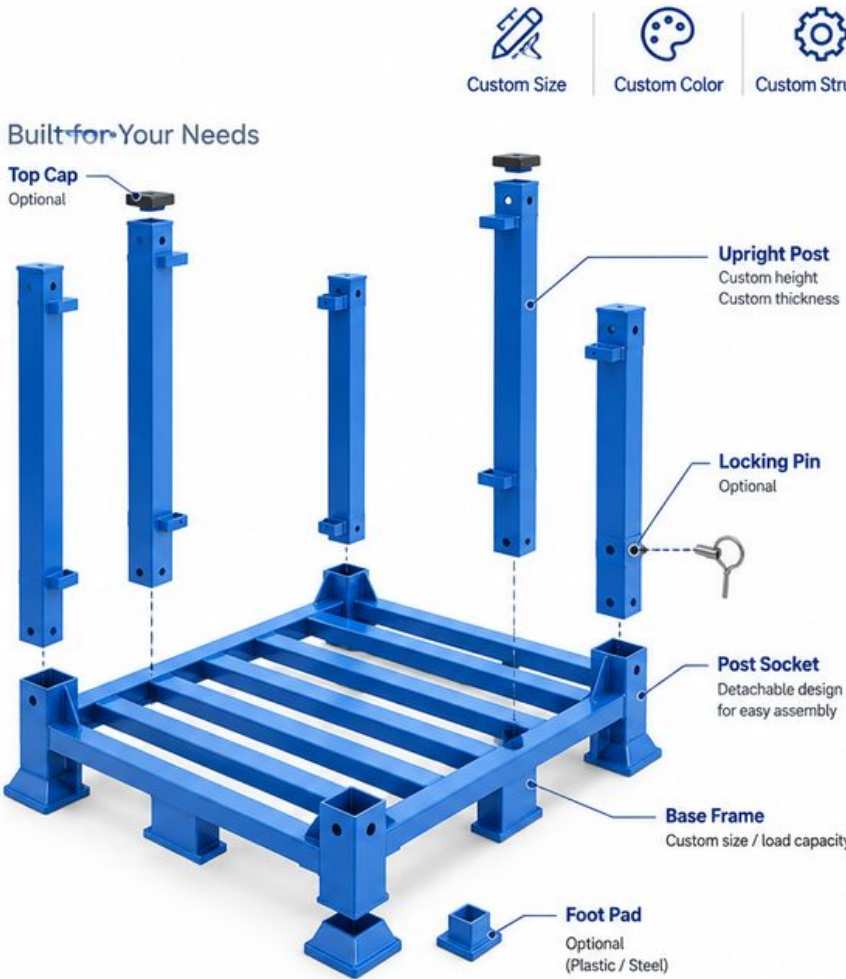
DIFFERENT TYPES AVAILABLE

Fixed Type

Detachable Type

Foldable Type

With Side Panels



Custom Size

Custom Color

Custom Structure

Custom Accessories

Your Needs
Our Solution

4 LOCKING OPTIONS

Pin (Standard)

Bolt

5 SURFACE FINISH

Powder coating (Custom color)

Hot-dip galvanized

Other finishes

6 CUSTOM ACCESSORIES

Side panel

Name plate

Castor

Other accessories

FULLY CUSTOMIZABLE

Dimensions

Structure

Load capacity

Accessories

Tell us your requirements and we will provide the best solution.



Stacking Rack Applications

Flexible Storage Solutions for Diverse Industries and Materials



Automotive Parts

Flexible storage solutions for components, assemblies, and production materials.



Tire Storage & Warehousing

Stackable solutions for efficient tire storage and handling.



Long Material Storage

Ideal for pipes, profiles, and other long or irregularly shaped materials.



Industrial Storage

Widely used in manufacturing, warehousing, logistics, and material handling applications.

Metal Containers

Metal containers are durable steel containers designed for the storage and handling of industrial parts, production materials, and heavy goods. Featuring a robust structure, stackability, forklift compatibility, and reusability, they can be customized according to load dimensions, load capacity, and specific handling requirements.



Steel Sheet Container



Wire Mesh Container



Foldable Metal Container

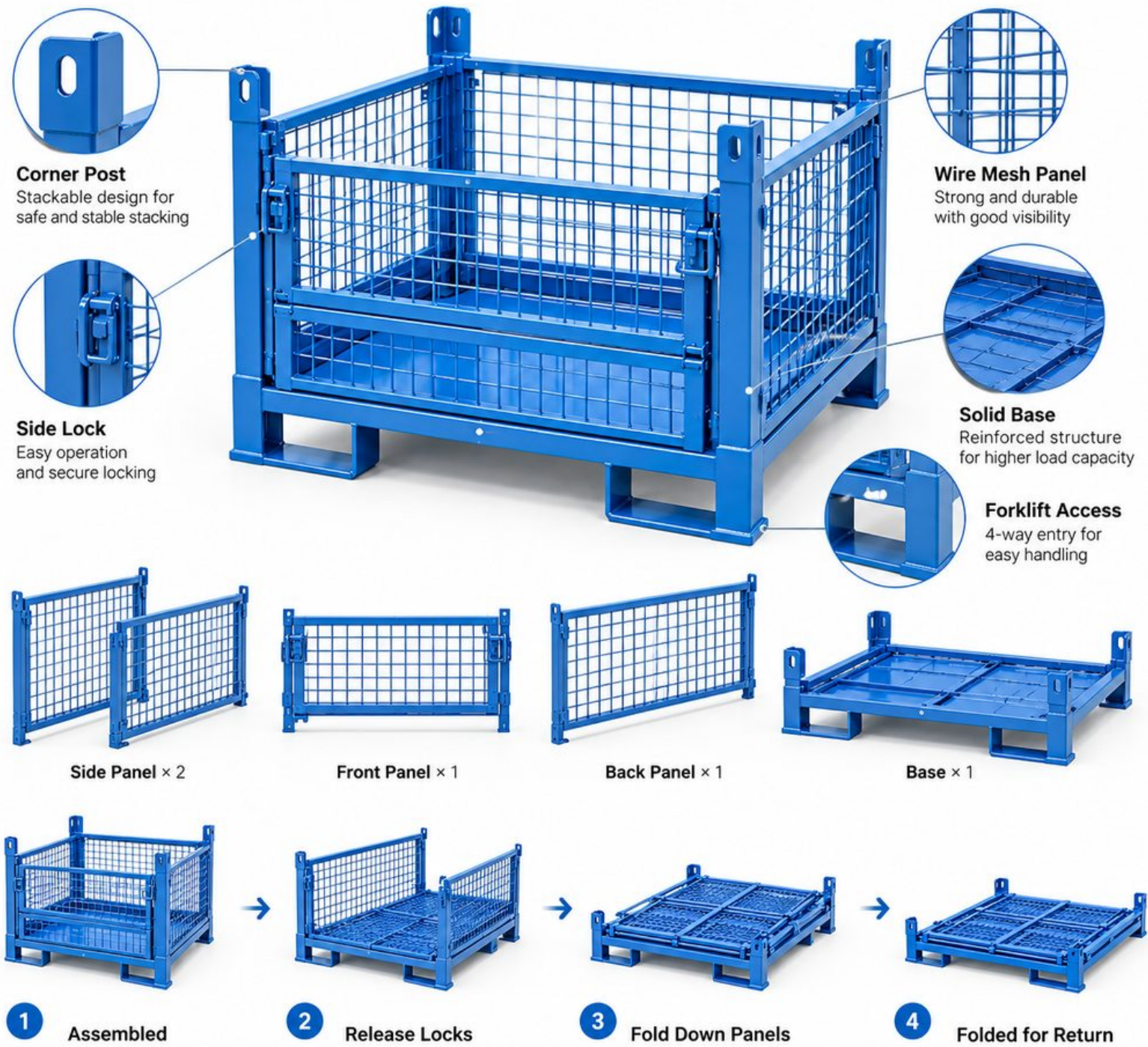
Robust & Durable · Stackable · Easy to Handle · Flexible Customization



Metal Container Overview

Metal containers feature a robust steel construction and are designed for the storage, handling, and transportation of industrial parts, production materials, and other goods. The container body, base, and access door configurations can be customized according to load dimensions, load capacity, stacking requirements, and handling methods.

Specifications	Typical Configuration
Length	Customizable
Width	Customizable
Height	Customizable
Load Capacity per Container	Customizable
Stacking Levels	Customizable
Container Structure	Steel Sheet / Wire Mesh / Custom
Door Configuration	Fixed / Half-Opening / Full-Opening / Custom
Base Structure	Customizable
Surface Treatment	Powder Coating / Galvanizing
Color	Customizable





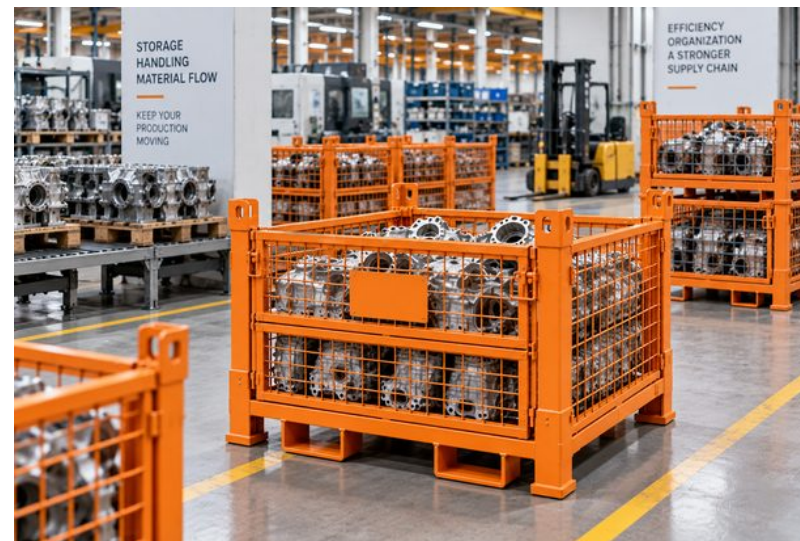
Metal Container Applications

Designed for demanding industrial environments, LYD metal containers provide efficient solutions for the storage, handling, and transportation of parts, components, and production materials.



General Manufacturing & Equipment Industries

Ideal for line-side WIP storage and in-plant material handling.



Warehousing, Logistics & Supply Chain

Ideal for storage, in-plant handling, and material circulation.



Automotive & Parts Manufacturing

Ideal for automotive parts, components, and a wide range of production materials.



Manufacturing & Quality Control

Quality is built into every stage of our manufacturing process. From raw material preparation and component fabrication to surface treatment and final inspection, every product is manufactured in strict accordance with approved drawings and technical specifications.



01 Raw Material Control



02 Material Cutting



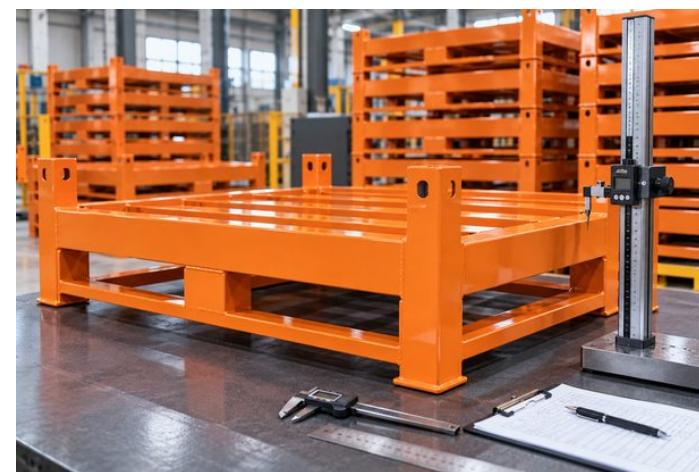
03 Stamping & Forming



04 Structural Welding



05 Surface Treatment



06 Finished Product Inspection

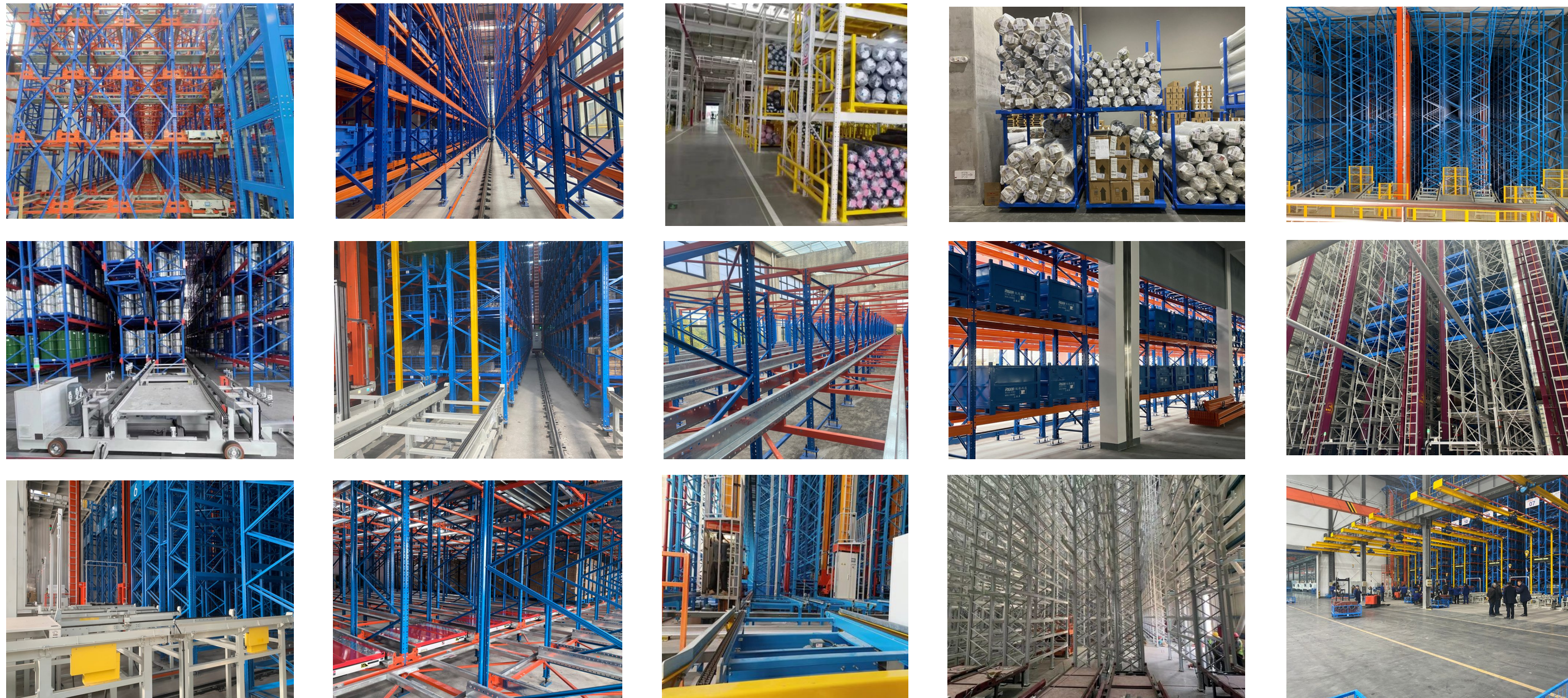


07 Packaging & Product Protection



Project References

From warehouse storage systems to industrial material handling equipment, LYD solutions are tailored to specific product characteristics, load requirements, facility layouts, and operational workflows, providing comprehensive customization for a wide range of applications.







Global Presence

Delivering Fully Customized Storage & Material Handling Solutions for Global Markets



Cooperation Process

01 Requirements Consultation

Dimensions · Load Capacity · Application · Drawings

02 Solution Design

Design · Structure · Material

03 Quotation & Solution Confirmation

Specifications · Pricing · Terms

04 Manufacturing / Lean Production

Manufacturing · Quality Control

05 Global Delivery

Packaging · Loading · Shipping



Contact Us

Building a More Efficient Future for Warehousing, Together!

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