

# CoreRack

-Storage Rack

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Jinan CoreMax Machinery Co., Ltd.



# Products



Corerack SH

Drawer Sheet Rack



Corerack SF

Telescopic Cantilever  
Pipe Rack



Corerack TH

Manual Drawer Sheet  
Rack



Corerack SA

Automatic Sheet  
Storage System



Corerack TA

Automatic Material  
Storage System



Corerack RH

Vertical Remnant  
Rack



# Product Advantages

## Main Structure Materials:

All primary steel components are made from high-quality carbon steel Q235B or above, sourced from reputable manufacturers.

## Frame Construction:

The frame is welded using CO2 shielded welding to ensure strong and reliable connections throughout the structure.

## Wheel Assembly:

Travel wheels and shafts are precision-machined from #45 steel, ensuring durability and smooth operation.

## Surface Treatment:

The equipment surface is powder-coated to enhance corrosion resistance. Wheels and shafts are blackened to prevent rust and corrosion.

## Engineering & Commissioning:

Professional mechanical engineers carry out commissioning to ensure optimal performance and reliability.

## Quality Testing:


Load testing is conducted before delivery to guarantee structural safety and stability.

## Product Range & Features:

A wide range of products is available, including both electric and manual options to meet various production, storage, and management needs.




## Advantage 1




Key components are selected with high standards

## Advantage 2




Classification management is easier

## Advantage 3



Structure is stable and more solid

## Advantage 4



Operation is convenient and more labor-saving

# Product Models

## Corerack RH-Vertical Remnant Rack:

Drawers can be pulled out directly for crane loading and storage, saving labor and time. Multi-layer drawer structure provides high-capacity storage.

Independent storage prevents scratching of sheets.

Especially suitable for storing sheet remnants, offcuts, and semi-finished products. Applicable for copper sheets, aluminum sheets, stainless steel sheets, alloy sheets, precious metal sheets, and special sheets from 1 to 4 meters.

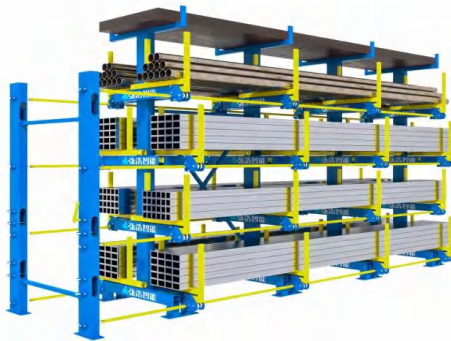


Model	CRR2010-15	CRR2513-15	CRR3015-15	Note
Load/Drawer(kg)	500	500	500	Customization available
Sheet size(mm)	2000x1000	2500x1500	3000x1500	
Drawers	10			
Drawer height(mm)	40			
Diemensions(mm)	2700x2455x1200	2700x2955x1700	2700x4455x1700	Customizable based on compartment size
Drawer movement	One-piece pull-out design			

## Corerack TH/TE-Telescopic Cantilever Rack:

The telescopic cantilever rack features a small footprint, high load capacity, and a sturdy structure. It provides independent extendable storage spaces and can be used together with lifting equipment for convenient loading and unloading.

One rack contains multiple storage units, making it easy to classify goods. A single layer can carry up to 8 tons, and the entire rack can store dozens of tons of materials. The cantilever arms extend and retract linearly through the corresponding shafts on the transmission box, saving space while ensuring safety and convenience.



Manual crank type



Automatic type

Model	CMTH-6053	CMTE-G6053	CMTH-9055	CMTE-9055	Note)
Load/arm	3t	3t	3t	3t	Customization available
Tube length	6m	6m	9m	9m	
Level	4+1				
Usable compartment dimensions(DxH)(mm)	600x400,600x500(Optional shelves)				
Diemensions(mm)	6400x1700x3600	6400x1700x3600	9400x1700x3600	9400x1700x3600	Customizable based on compartment size
Cantilever telescopic mechanism	Mechanically assisted hand-crank type	Automatic type	Mechanically assisted hand-crank type	Automatic type	Electric version available
bottom layer to ground(mm)	330				Depends on layer height
Top layer to ground (mm)	3400		3400		
Upright spacing(mm)	1650		1500		Depends on load capacity
Model description: CMTH: Tube, Manually, CMTE: Tube, Electrical, CMTA: Tube, Automatic					
Numbering explanation: e.g., CMTE-6053-for 6-meter long pipes, 5 levels, 3t/arm					

## Corerack SH/SE-Sheet Rack:

The drawer-type sheet rack features a small footprint, high load capacity, and a sturdy structure. It can save storage space, properly protect sheets, and reduce the risk of scratches, damage, or bending.

Each drawer can be independently controlled, enabling classified storage of sheets and ensuring they are well protected.



Model	CMS 3015-1563	CMS 4015-1563	CMS 4020-1565	CMS 6020-1566	Note
Load/Layer	3t	3t	5t	6t	Customizable based on compartment size
Sheet size(mm)	3000x1500	4000x1500	4000x2000	6000x2000	
Layers	5+1				
Layer height(mm)	100-220				
Width door open(mm)	3015		4015		
Diemensions(mm)	3800x1900x1900	4800x1900x2000	4800x2400x2200	6805x2400x2300	Customizable based on compartment size
Layer movement	hand-cranked pull-out				automatic version available
Bottom layer to ground (mm)	355				Depends on layer height
Top layer to ground (mm)	2195		2250		
Spacer height	60				Depends on load capacity
Model description: CMSH: Sheet, Manually, CMSE: Sheet, Electrical, CMSA: Sheet, Automatic					
Numbering explanation: e.g., CMSA-4015-1563-for 4*1.5m sheet size, layer height 150mm, 6 levels, 3t/layer					

## Corerack SF-forklift sheet metal rack

By designing an appropriate number of storage levels and optimizing the layout, the vertical space of the warehouse can be fully utilized, increasing the storage capacity for panels and improving storage efficiency per unit area.

The drawer-style design facilitates categorized storage and quick retrieval of goods. Additionally, the support beams on the pallets enable forklift forks to accurately place or retrieve sheet metal from the racks, greatly enhancing handling efficiency.



Model	CMSF 2010-122	CMSF 2513-122	CMSF 3015-122	Note
Load/layer	2t			Customizable
Sheet size(mm)	2000x1000	2500x1300	3200x1500	
Layers	10			
Layer Height(mm)	50-200			
Diemensions	3165x1320x3500	3165x1820x3500	3665x1820x3500	Customizable according to compartment dimensions
Layer movement	by forklift			

## Corerack SA-Fully Automatic Sheet Metal Storage System:

It enables centralized and vertical storage of sheet materials, with automatic weight detection, automatic storage, and automatic retrieval. Controlled by PLC + touchscreen, it is safe and efficient with high load capacity....

It supports two loading modes: forklift and overhead crane, effectively ensuring product quality, improving production efficiency, and reducing production costs.



### Technical Parameters :

Sheet size	Customizable
Layers	8-20 layers
Layer Capacity	1-8t
Layer Movement	Linear guide rail + chain
Drive Method	Chain drive

## Corerack TA-Fully Automatic Tube Material Vertical Storage System

This system consists of an automatic loading and unloading gantry system, profile racks, material frames, and guide rails. The gantry is driven along both the Y-axis and Z-axis, enabling faster storage and retrieval of long materials. The main structure has high load-bearing capacity, is sturdy and durable, and supports storage of different types of profiles either individually or in bundles.

The number of rack levels and units can be customized according to workshop requirements. Multiple rows of racks can share a single aisle to complete the storage and retrieval of materials efficiently.



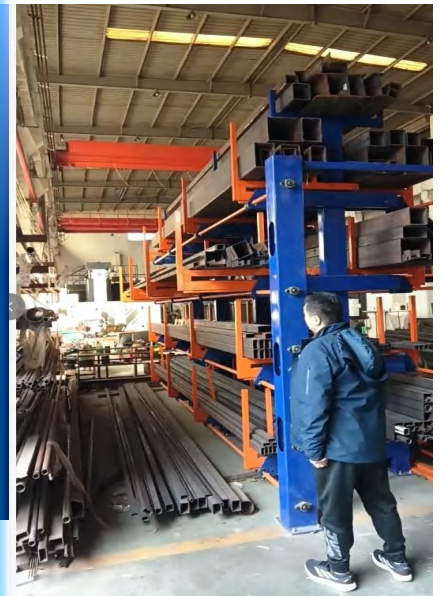
### Technical Parameters:

Material Length	6m/9m/12m(customizable)
Number of Storage Positions	customizable
Load Capacity/Storage	1-5t
Storage Movement	Linear guide rail+chain
Drive Method	Chain drive

# Product details



# Customer Case Showcase



## Customer Case Showcase



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# Customer Case Showcase

