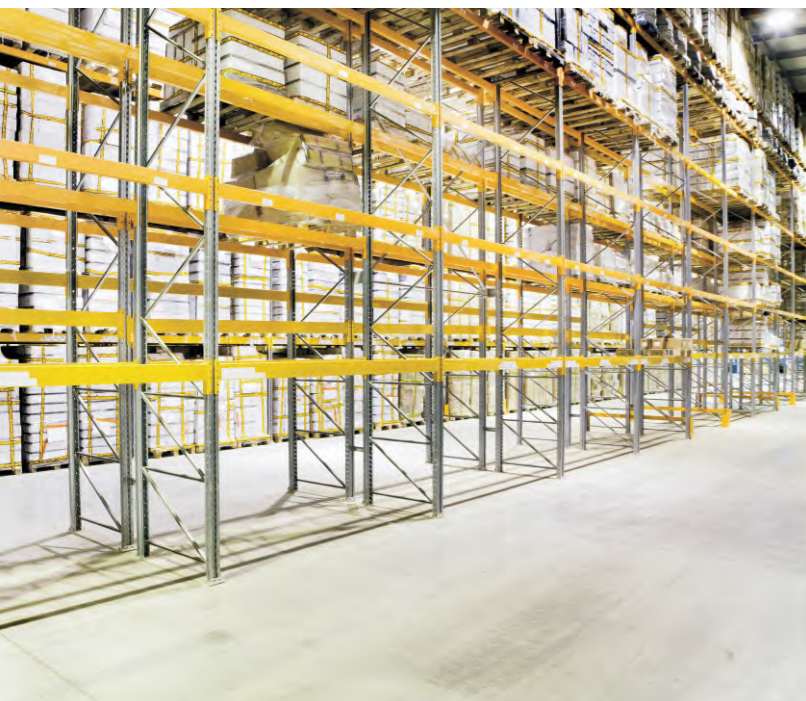
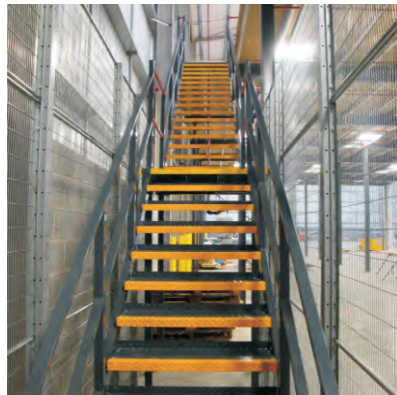


# HRD-LOGISTIC PRODUCTS CO., LTD.

## RACKING AND SHELF



QUALITY ASSURED



[www.hrd-logistic.com](http://www.hrd-logistic.com)

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Tel: (0086-512) 67233633 Fax: (0086-512) 65562073

E-mail: [info@hrd-logistic.com](mailto:info@hrd-logistic.com); [joe@hrd-logistic.com](mailto:joe@hrd-logistic.com)







## ABOUT US

Hrd-logistic Products Co., Ltd. founded in 1996 is the subsidiary of CMEC Group. We specialized in the storage systems and integrated solutions sectors. Our mission is become the best option for our customer storage needs.

In our range of Storage Systems, we offer products as pallet racking, shelving , drive-in system, pallet flow systems, clad-rack warehouses, cantilever for long and bulky materials and a wide variety of modular mezzanines.

Alongside, we also offer Integrated Solutions, which is our core business. We offer to be your Partner for the planning and execution of the complete project with a high complexity and technological level. Apply solutions composed by different systems.



## WHY CHOOSE HRD AS YOUR PARTNER

### WE SUPPLY HIGH QUALITY RACKING SYSTEM WITH COMPETITIVE PRICE

- We understand the racking is a very serious product and we take great attention to the quality of our product.
- We choose high grade steel from China's biggest steel factory Bao Steel and our rack was designed and produced follow. And material tested according to Euro Standard EN 10002-1 and EN ISO 7438
- We hold the recognized quality accreditation ISO 9001 which incorporates the design, provision and installation of storage solutions.
- Our design and production followed the world's most authoritative racking code F.E.M.10.2.02 THE DESIGN OF STATIC STEEL PALLET RACKING.
- We also Independently tested to comply with newest racking standard AS 4084-2012 and EN15512-2009



### WE HAVE OVER 15 YEARS EXPERIENCE ON OVERSEA MARCKET

- Professional Packing. Make full use of the container. Load and unload easily and let the customer receive goods without any scratches and distortion.
- After sale service. We apply Manual book and detail information to let the customer know how to assemble, use and maintain the racking system
- One stop service. We helped customer built warehouse from 1996 and we apply service from design, manufacturing, shipment and installation.



Packing



Manual Book



Installation



Installation



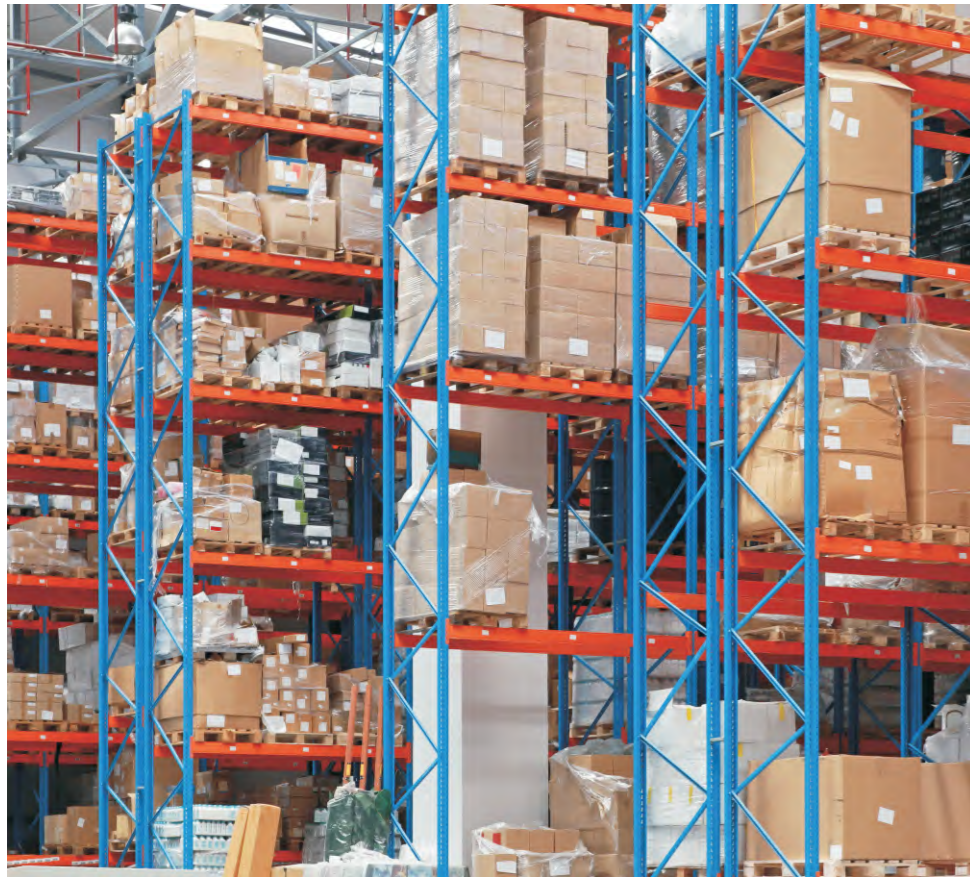
# SELECTIVE PALLET RACKING

## Selective Pallet Racking

The conventional pallet racking system is the best solution for warehouses that need to store palletized products with a wide range of SKUs.

### Advantages

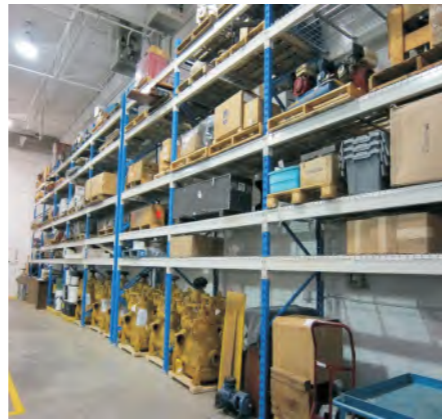
- Each pallet and SKU can be accessed directly.
- Easy to control stock.
- Adaptable to any volume, weight or size of merchandise.



Regular size in stock



US tear drop model available



Wire decking for small cartons

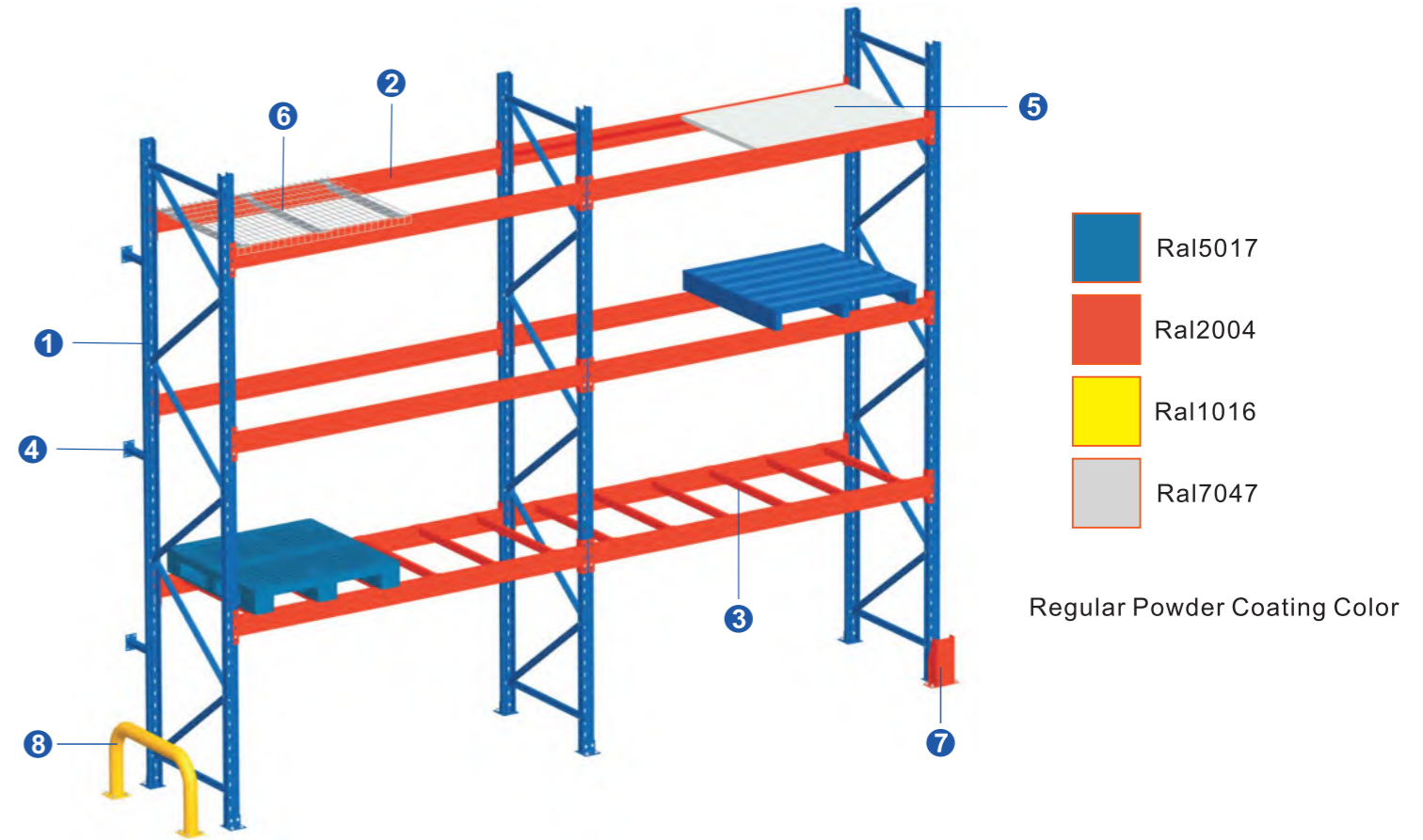


Double deep rack



Color could be customized

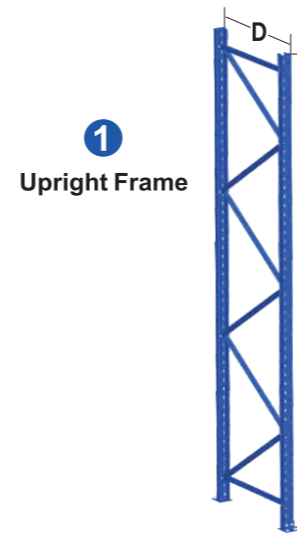
# SELECTIVE PALLET RACKING



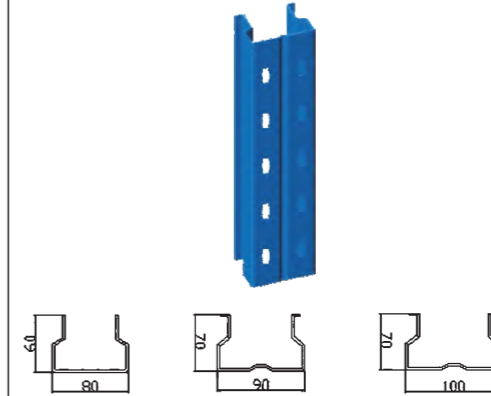
## A COMPONENTS

## SPECIFICATION(MM)

## REGAULAR SIZE(CM) *could be customized*

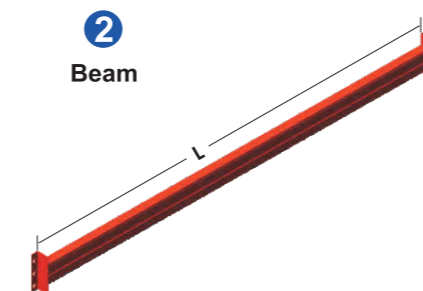


1 Upright Frame

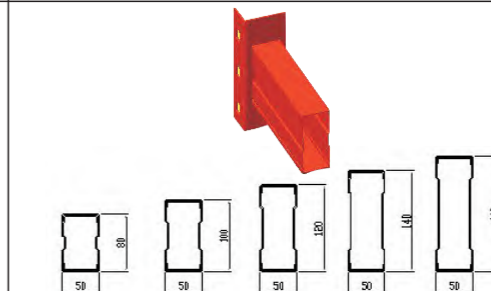


Capcity from 8,000kg-14,000kg per unit

H250* D90	H250* D100
H300* D90	H300* D100
H350* D90	H350* D100
H400* D90	H400* D100
H450* D90	H450* D100
H500* D90	H500* D100
H550* D90	H550* D100
H600* D90	H600* D100
H650* D90	H650* D100
H700* D90	H700* D100
H750* D90	H750* D100
H800* D90	H800* D100
Max Height: 12 meters	



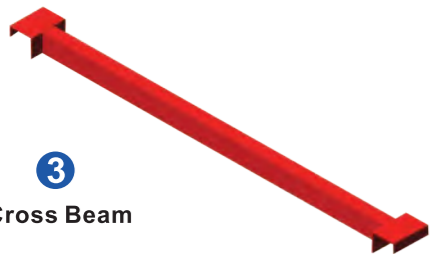
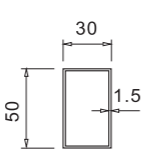
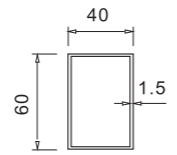
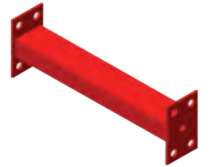
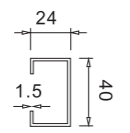
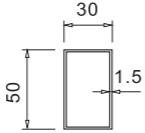

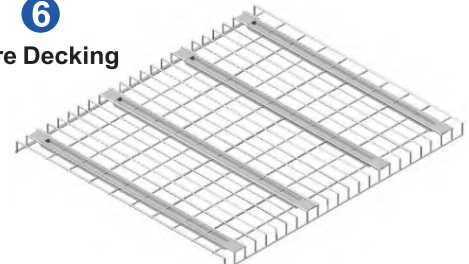
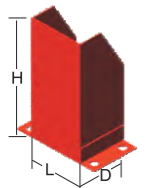
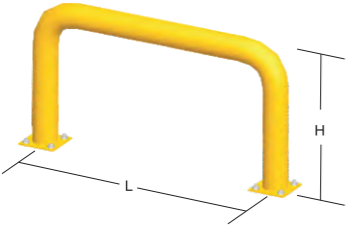
2 Beam



Capcity from 1,000kg-4,000kg per pair

L140
L190
L230
L250
L270
L290
L330
L390



B ACCESSORIES	SPECIFICATION(MM)	SIZE(CM)
<p><b>3</b> Cross Beam</p> 	 	<p>Size based on the <b>A</b> COMPONENT selected</p>
<p><b>4</b> Row Spacer (To connect back to back rack)</p> 	 	
<p><b>5</b> Steel Panel</p> 	<p>Specification based on the capacity required</p>	
<p><b>6</b> Wire Decking</p> 	<p>Specification based on the capacity required</p>	
<p><b>7</b> Corner Guard</p> 	<p>Thickness:3 mm</p>	
<p><b>8</b> Frame Guard</p> 	<p>Dia:69-89mm</p>	

## Drive-in Rack

Drive-in racking is ideal for homogeneous products with low levels of turnover and a high number of pallets per article type. This system offers the highest use of available space in terms of both area and height.

### Advantages

- Maximum use of available space (85%).
- Elimination of aisles between the racking.
- Rigorous entrance and exit control.



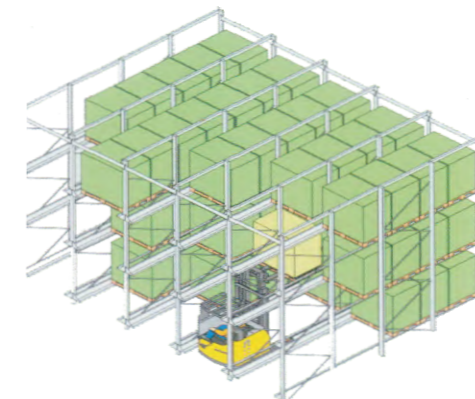
Top beam and top brace



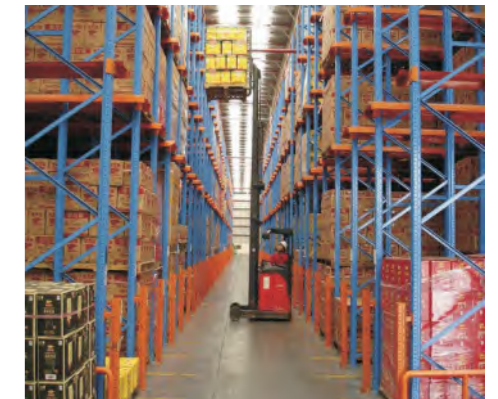
Bracket and pallet rail



Back brace



First in-Last out



Maximum use of space



# MEDIUM DUTY SHELF (LONG SPAN SHELF)

## Medium Duty Shelf

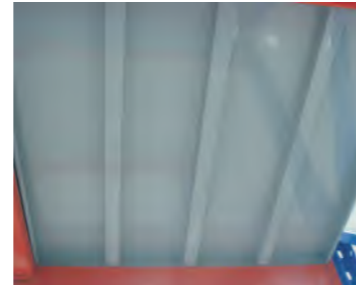
An excellent storage solution for medium and light loads. A wide range of accessories is available to increase functionality: drawers, dividers, side panels, back panels, plinths. etc.

### Advantages

- Quick and easy to assemble, excellent loading capacity and stability.
- Smart and attractive design which blends in with any setting.



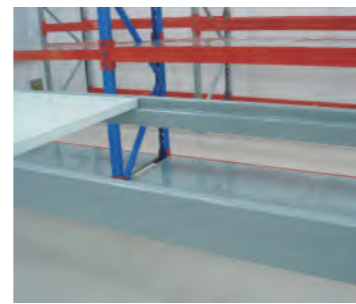
Long Span Shelf



Reinforce bar under panel



Step beam and panel



Step beam and panel



Wire decking available



Tyre Rack available

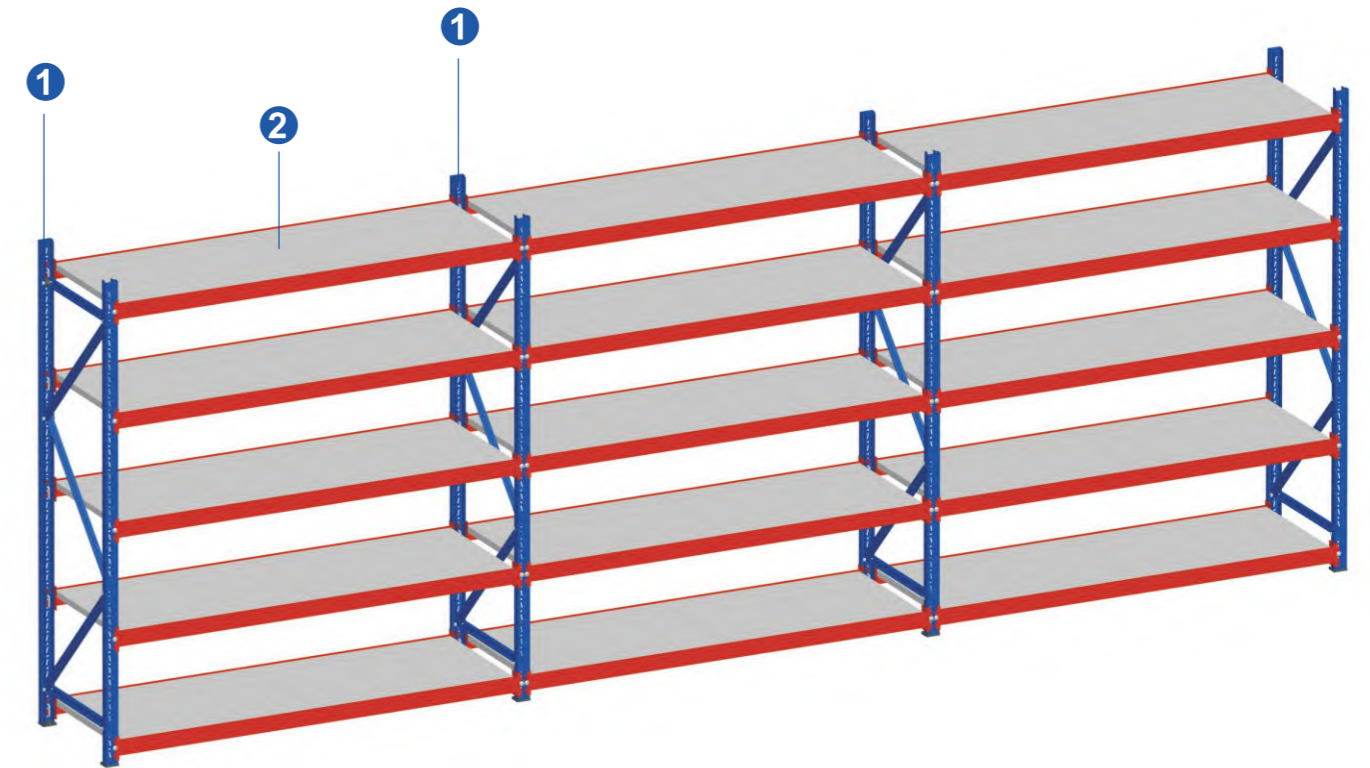


Divider available



Galvanized Shelf available

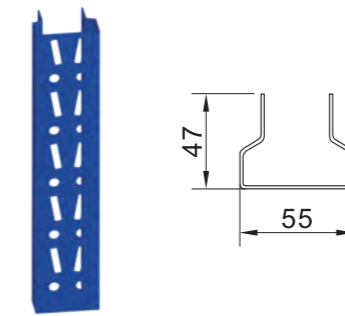
# MEDIUM DUTY SHELF (LONG SPAN SHELF)



## COMPONENTS



## SPECIFICATION

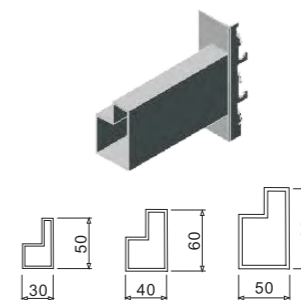
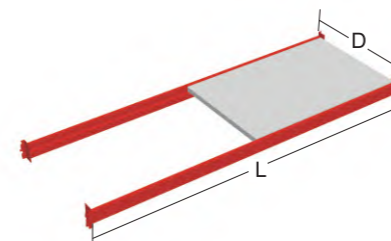


Capacity: 4000kgs per unit

## REGAULAR SIZE(CM) could be customized

H200*D50	H250*D50
H200*D60	H250*D60
H200*D70	H250*D70
H200*D80	H250*D80
H200*D90	H250*D90
H300*D50	
H300*D60	
H300*D70	
H300*D80	
H300*D90	

## 2 Step Beam & Steel Panel



Capacity from 300-500kgs per layer

L120*D50	L120*D70
L150*D50	L150*D70
L180*D50	L180*D70
L200*D50	L200*D70
L240*D50	L240*D70
L120*D60	L120*D80
L150*D60	L150*D80
L180*D60	L180*D80
L200*D60	L200*D80
L240*D60	L240*D80



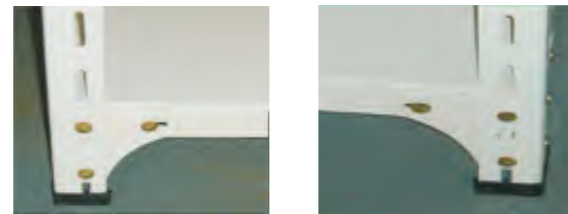
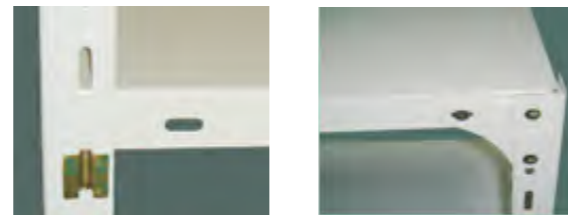
## LIGHT DUTY SHELF

### Light Duty Shelving

Light shelving is formed by vertical frames and horizontal shelves, and enables individual products to be stored in small boxes. Various accessories permit levels to be divided up.

#### Advantages

- Basic manual storage and archiving system for medium or light loads.
- Easy to assemble.
- Multiple units that adapt to the most demanding requirements.



Easy to assemble



MODEL NO	SIZE (FOUR LAYERS)
LA101	H1800*L900*D300mm
LA102	H1800*L900*D450mm
LA103	H1800*L900*D600mm
LA104	H1800*L1200*D450mm
LA105	H2000*L1200*D600mm
LA106	H2000*L1500*D450mm
LA107	H2000*L1500*D600mm
LA108	H2000*L1800*D450mm
LA109	H2000*L1800*D600mm

\*Capacity:100-120kgs/layer

\*Other size could be customized

## CANTILEVER RACKING

### Cantilever Racking

Cantilever racking is specially designed to store long items or items of varying length, such as metal beams, pipes, moulding, wooden planks, pipes, and metal and plastic sheets among other materials.

Depending on the height and weight of the merchandise, either light or heavy duty racking are available. Both can be fitted on one side of the structure only, or on both sides.

#### Advantages:

- Allows extra long items to be stored.



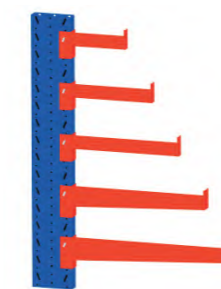
Steel plate to fix the arm



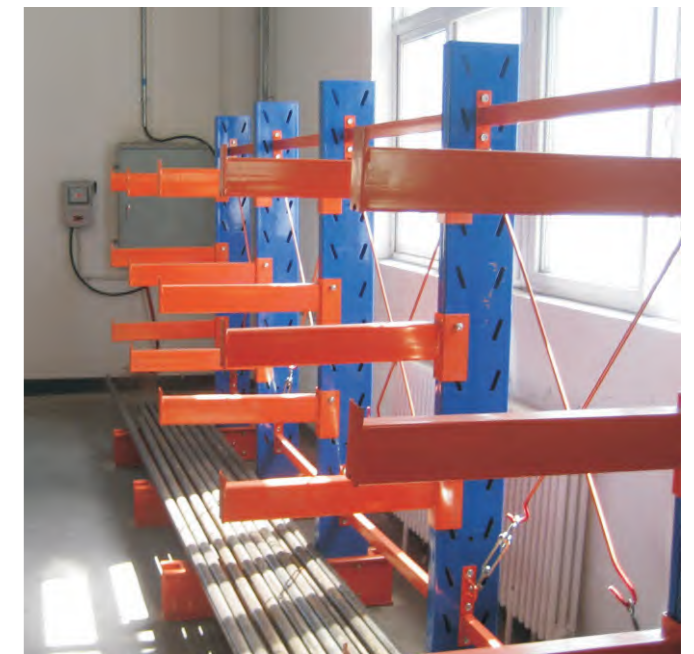
Post and base



Different option for post



Arm length from 400 to 1200mm



Single side



Color could be customized



Double side



## Mezzanine

The installation of a mezzanine is an ideal solution to maximise the space available by taking advantage of the height of the building.

Mezzanine floors are totally dismantlable and re-usable, and their structure, dimensions and location are easily modified.

Advantages:

Quick to assemble, clean and easy.

Multiplies surface space in industrial premises.

Adaptable to the specific needs of the client, thanks to the great variety of sizes available, types of floors, construction systems, etc.

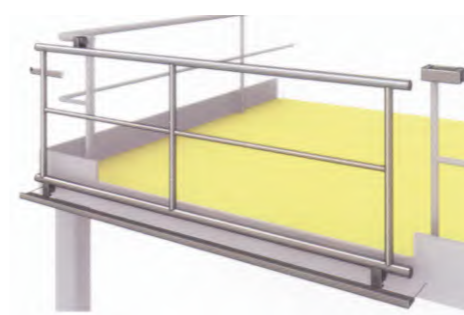


Steel Platform



Heavy duty mezzanine

## GATE OPTION



Sliding gate



Swing gate

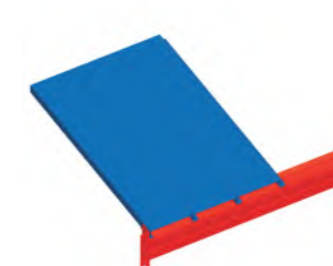


Pallet safety gate

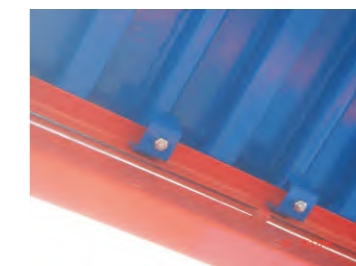
## FLOOR EASY TO ASSEMBLE



Floor easy to connect



Support beam



Lock downside



Grid decking available



## Carton Flow Rack

Shelving for live picking is made up of slightly inclined platforms of wheels and rollers on which the goods are deposited at one end. They then slide down on their own until the far end, positioned at the exit aisle.

This guarantees the perfect turnover of the product, avoids interference in replacement and pick-up tasks and speeds up order preparation.

### Advantages

- Perfect turnover of products (FIFO system - first box in, is the first box out).
- Higher numbers of article types in the shelving units.
- Reduction in order preparation time.
- More storage space.
- This storage system is ideal for a wide range of sectors, from warehouses storing mass consumer goods, pharmaceuticals, cosmetics, computer goods, spare and parts for cars amongst others.



Use together with conveyor system



Storage pallet on top



## Pallet flow storage rack

Live racking is fitted with a slightly-inclined gravity flow rack which allows the pallets to slide down to the other side at a controlled pace thanks to gravity.

### Advantages:

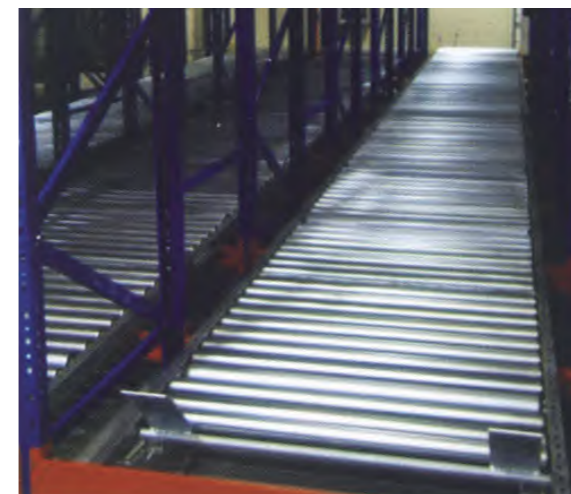
- Enables perfect pallet turnover (FIFO SYSTEM).
- Maximum capacity as storage system is compact.
- Time and space saved in pallet handling.



First in first out



Pallet separator



Pallet separator



Pallet guide



# WORK EQUIPMENT

## STEEL PALLET



Model	Overall dimensions(mm)		
	W(mm)	D(mm)	H(mm)
HSP-1	800	800	150
HSP-2	800	1000	150
HSP-3	800	1200	150
HSP-4	1000	1000	150
HSP-5	1000	1200	150
HSP-6	1200	1200	150

\*Capacity:800-1500kgs

## MOVABLE LADDER



Model	Platform Height	Overall Height	Length	Width
ML-1	1000mm	1500mm	1100mm	500mm
ML-2	1300mm	1900mm	1100mm	600mm
ML-3	1500mm	2200mm	1500mm	600mm
ML-4	1800mm	2600mm	1600mm	700mm
ML-5	2000mm	2800mm	1800mm	700mm
ML-6	2500mm	3300mm	2500mm	800mm

# WORK EQUIPMENT

## PALLET CONTAINER



\*Capacity:800-1500kgs

MODEL	SIZE(W*D*H)
HRC-01	800*600*640
HRC-01	1000*800*840
HRC-01	1000*800*840
HRC-01	1000*800*500
HRC-01	1000*800*840
HRC-01	1000*8000*840
HRC-01	1200*1000*840
HRC-01	1200*1000*890
HRC-01	1200*1000*890
HRC-01	1200*1000*890

## INDUSTRY CONTAINER (Customized)

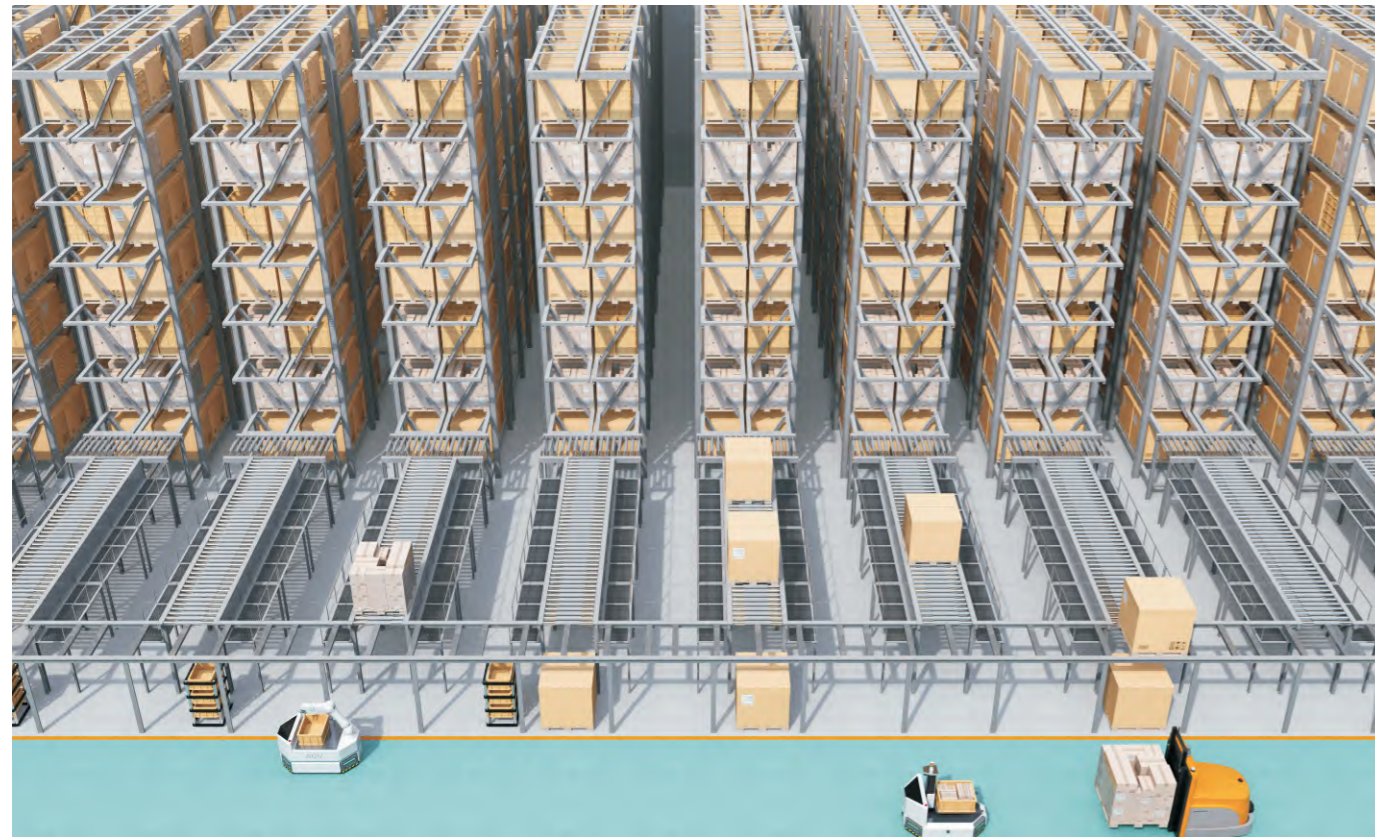


## STRETCH WRAPPING

MODEL	BL200P
POWER SUPPL	1 PHASE 220V/50HZ OR 3 PHASE 380V/50HZ 1.25KW
TURN-TABLE DIAMETER	1500MM( 1650MM 2000MM ARE OPTION)
TURN-TABLE THICKNESS	85MM
SPEED OF TURN-TABLE	0-12R/MIN
TURN-TABLE LOADING	150KGS
PERCENT OF PRE-STRETCH	250%
MACHINE COLOR	BLUE/YELLOW OR GRAY/BLUE







Automatic Storage Retrieval System  
Automatic mechanical warehouse occupies a extremely position in the logistics fields of industry.It contains items below .



## 1 RACKING

Structural feature: AS/RS System are usually equipped with pallet racking and drive-in racking, both of which are composite structure. Steel panels and wooden panels are available for loading with good capacity. Conveyors will do the loading and unloading job under the instruction from the central computer. AS/RS System is mainly used in the food, tobacco, electronic, mechanical and armament industry.



## 2 STACKER

Structural feature: Double upright structure, steady and reliable, vector frequency conversion drive and encoder position control, mechanical and electronic safety devices to ensure safe using of the system; all the way tracing technology by information transferring; electric components are imported from abroad; touching screen interface for easy operation; making manual, semiautomatic, automatic and linkage control come true; used in many situations by combining with other logistics equipment.

## 3 CONVEYOR SYSTEM

Structural feature: Conveying system is usually equipped in the front or back of warehouse for conveying goods here and there, bridging the procedures done by forklifts and stackers by using rolling conveyor or chain conveyor and combining with lifts, rotating devices and other equipments.



## 4 CONTROLLING SYSTEM

Structural feature: Communicating with WMS and ECS through OPC agreement, PROFIBUS bus network, set up by SIEMENS S7-300 controller can operate all conveyors offline, doing conveying of goods automatically. Please refer to the attached drawing for details of conveying style.



## 5 WMS SYSTEM

Hardwares of WMS System: star network structure, network sever, RF server, computers for management and monitor, RF base station and RF terminal for in/out warehouse of goods.