

More than shelving & racking.
All for your storage demands.



 **IRACKING**

CONTENTS

SELECTIVE PALLET RACKING

A cost effective storage system providing direct access to all pallet.

1

SLOTTED ANGLE SHELVING

Simple, cost-effective solutions for virtually any storage requirement.

5

MEDIUM DUTY SHELVING

No need of bolt, rivet or scrow to install the racking.

7

LONGSPAN SHELVING

Longspan Shelving minimizes lost space from uprights.

8

DRIVE-IN RACKING

No aisles and no cross beams, providing maximum space efficiency.

10

CANTILEVER RACKING

The ideal solution to store long and awkward oversized goods.

11

MEZZANINE

Ideal for storing a wide variety of packaged goods for hand picking.

12

FLOW-THROUGH RACKING

High speed of throughput combined with automatic stock rotation.

13

STORAGE ACCESSORIES

More than shelving & racking. All for your storage demands.

14

SELECTIVE PALLET RACKING

Selective Pallet Racking is a cost effective storage system providing direct access to all pallets. It provides high capacity storage, is easily installed and adjusted, and has low equipment and capital costs.

- Pallets can be located, accessed and moved individually.
- Rapid handling of almost all types of palletized goods.
- Infinitely adjustable and offering a wide range of options and components to accommodate specialized needs.
- Maximizes space use in any warehouse configuration while retaining optimum product accessibility.
- Strength and rigidity prevents compression damage to goods.
- Bottom level of pallets can be stored on the floor, lowering structure costs.



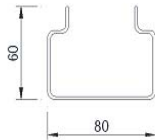
PALLET RACKING MAJOR COMPONENTS

Uprights

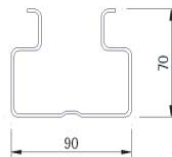
A wide variety of upright grades can be used to provide rack heights up to 30 meters. Uprights are punched with symmetric hexagonal slots for beam height adjustment and are reversible.



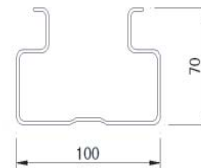
80x60x2mm



90x70x2mm



100x70x2mm



Beams

80x50x1.5

100x50x1.5

110x50x1.5

120x50x1.5

140x50x1.5

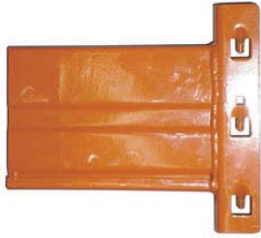


Load(kgs)
Length(mm)

Length(mm)	80x50x1.5	100x50x1.5	110x50x1.5	120x50x1.5	140x50x1.5
1200	4429				
1500	2834	4746			
1900	1766	2958	3838	4520	
2300	1205	2018	2620	3084	4646
2500	1020	1708	2200	2610	3930
2700	875	1466	1900	2238	3370
3000	708	1186	1540	1813	2730

SELECTIVE PALLET RACKING

Beam Connectors

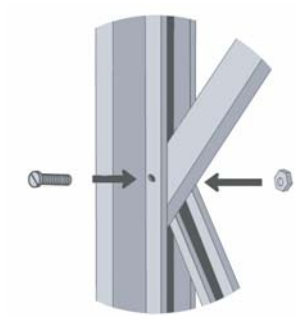


Types

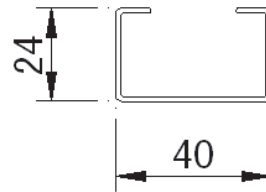
3 hookers

4 hookers

Horizontal & Diagonal Spacers



40x24x1.5mm



Safety Locker



SELECTIVE PALLET RACKING

Sample of Projects Completed

Selective Pallet Packing for 2000 Pallets:

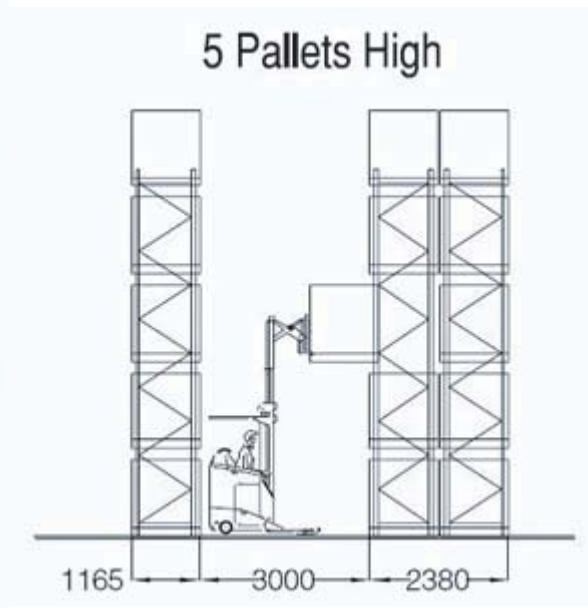
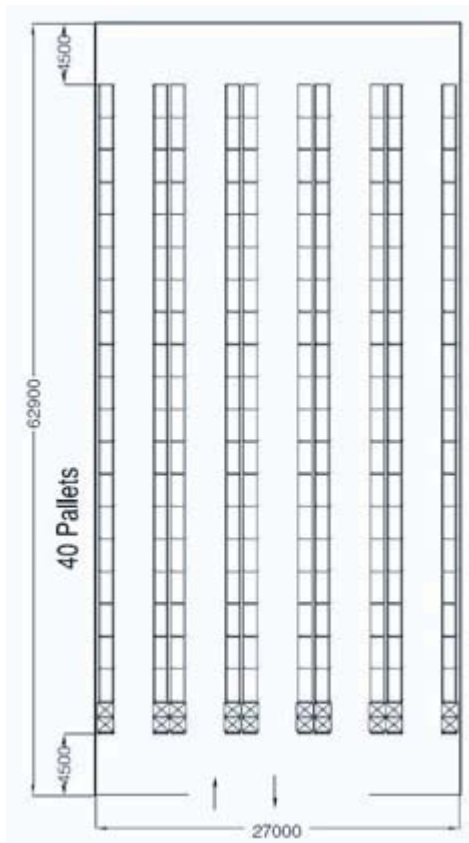
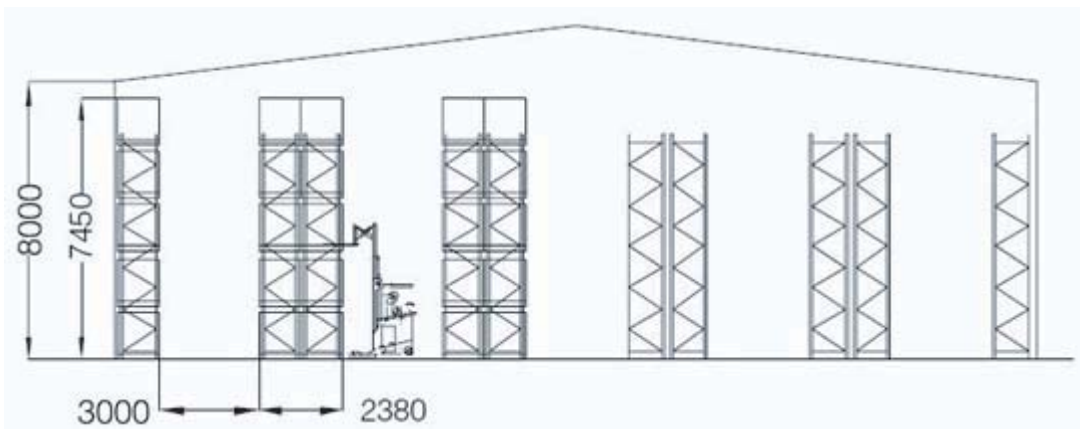
Pallet and Load Size: 1165mm (Entry) x 1165mm x 1350mm (H)

Floor Area: 62.9m x 27m = 1698 sqm

Total Building Volume: 13584 cbm (8m High)

Average Floor Area/Pallet Position: 1698 sqm/2000 Pallets = 0.85 sqm/Pallet Position

Average Building Volume/Pallet Position: 13584 cbm/2000 Pallets = 6.79 cbm/Pallet



PALLET RACKING ACCESSORIES

Column Guards

The Column Guard is bolted to the floor in front of the uprights providing protection from forklifts to the bottom portion of the upright.

Storage Accessories

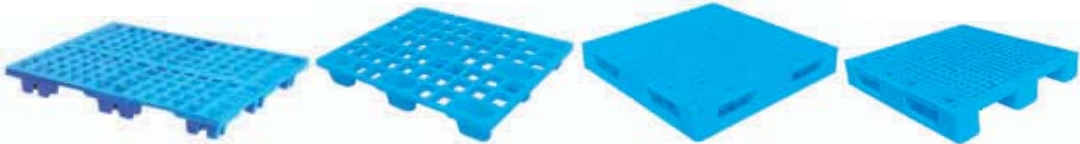
A range of accessories are available to tailor pallet racking to specific needs and applications. Standard accessories include:

Pallet Support Bars

Supported at each end by the beams, Pallet Support Beams provide a secondary support member for pallet racking or shelving. The Pallet Support Bar is designed to have its top surface approximately flush with the beams.



Pallets



Mesh Decks

Clip on Wire Mesh Decks minimize the build up of dust and increase light and visibility in warehouses.

Other Accessories

Floor Anchor Bolts



SLOTTED ANGLE SHELVING

Slotted Angle provides simple, cost-efficient solutions for virtually any storage requirement. The unique pre-punched hole pattern allows multiple steel sections to be bolted together to form sturdy shelving and storage systems.

Combining steel shelves with Slotted Angle uprights provides one of the most versatile and economical shelving systems available.

With a wide range of heights, depths and lengths, Slotted Angle is a quick and easy storage solution for stores, workshops, warehouses and wherever a cost effective and easily assembled shelving unit makes a difference.

- Slotted Angle is used in a wide variety of applications including shelving, benches, trolleys and light construction work.
- It is sturdy, tough, adaptable, rigid when assembled, easy to relocate and ideal for special purpose designs.



SLOTTED ANGLE SHELVING MAJOR COMPONENTS



STANDARD SPECIFICATIONS

Note: Section of Upright is 38mm x 38mm x 1.8mm, and the heights are 1500mm, 1800mm and 2000mm.

Length (mm)	Depth (mm)	UDL (kgs)	Total Load Capacity (kgs)
900	300	100	1000
900	450	150	1000
900	600	200	1000
1000	300	100	1000
1000	450	150	1000
1000	600	200	1000
1200	300	100	1000
1200	450	150	1000
1200	300	100	1000
1200	450	150	1000
1200	600	200	1000
1500	400	100	1000
1500	450	150	1000
1500	500	150	1000
1500	600	200	1000
1600	400	100	1000
1600	450	150	1000
1600	500	150	1000
1600	600	200	1000
1800	400	100	1000
1800	450	100	1000
1800	500	150	1000
1800	600	150	1000
1900	400	100	1000
1900	450	100	1000
1900	500	150	1000

MEDIUM DUTY RACKING

Medium Duty Shelving is widely used for hand loaded applications. With a wide range of heights, depth, length and easy adjustment, Medium Duty Shelving is a quick and easy storage solution for stores, workshops, warehouses, etc.

There is no need of bolt, rivet, screw to install the racking. Components slot together forming a rigid, durable structure that's quick and easy to assemble, rearrange or dismantle for relocation.



STANDARD SPECIFICATIONS

Note: Standard heights are 1500mm, 1800mm, 2000mm, 2400mm and 3000mm, and the pitch is 50mm.

Section of Upright (mm)	Length (mm)	Depth (mm)	UDL (kgs)
55x55x1.5	1200	470	300
55x55x1.5	1200	600	350
55x55x1.5	1200	720	350
55x55x1.5	1200	920	400
55x55x1.5	1200	1180	400
55x55x1.5	1500	470	250
55x55x1.5	1500	600	300
55x55x1.5	1500	720	300
55x55x1.5	1500	920	400
55x55x1.5	1500	1180	400
55x55x1.5	1800	470	250
55x55x1.5	1800	600	250
55x55x1.5	1800	720	250
55x55x1.5	1800	920	400
55x55x1.5	1800	1180	400

LONGSPAN RACKING

Longspan is a strong, durable, versatile and economical shelving system that looks good and minimizes lost space from uprights making it ideal for a wide variety of applications from archives to automotive, factories, warehouses, retail, wholesale and commercial.

- High density storage of small items
- Storage of large, heavy and bulky items
- Storage of long, odd-shaped or awkward items

Longspan has fully adjustable shelf heights, long spans. It's suitable for everything from small parts through to long, heavy or bulky goods. And because it uses a modular designed bolt-free lock-in system requiring no special tools, it's installed in minutes. Longspan's versatility gives one system for a diversity of needs:

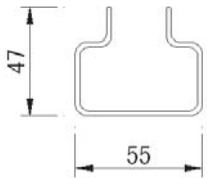
- Multi-Tier maximizes storage capacity of small to medium items.

Longspan incorporates a wide range of beams and frames making it easy to customize to precise storage needs. Different bay lengths can be combined to store a wide range of items while purpose designed accessories extend versatility even further.



LONGSPAN SHELVING MAJOR COMPONENTS

Uprights



Types

47x55x2mm

47x55x1.5mm



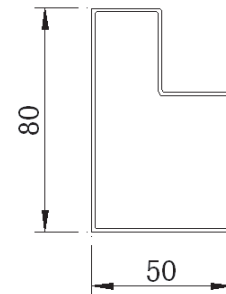
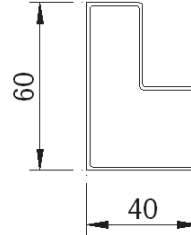
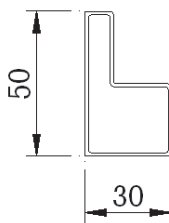
Beams



50x30x1.5

60x40x1.5

80x50x1.5



Steel Panels



STANDARD SPECIFICATIONS

Height	Depth	Length	Upright Specifications	Remarks
1500	400	900	55x47x2/1.5mm(Pitch=50)	Plastic spraying
1800	400	900	55x47x2/1.5mm(Pitch=50)	Plastic spraying
2000	400	900	55x47x2/1.5mm(Pitch=50)	Plastic spraying
2500	400	900	55x47x2/1.5mm(Pitch=50)	Plastic spraying
2800	400	900	55x47x2/1.5mm(Pitch=50)	Plastic spraying
3000	400	900	55x47x2/1.5mm(Pitch=50)	Plastic spraying
3500	400	900	55x47x2/1.5mm(Pitch=50)	Plastic spraying
4000	400	900	55x47x2/1.5mm(Pitch=50)	Plastic spraying
4500			55x47x2/1.5mm(Pitch=50)	Plastic spraying

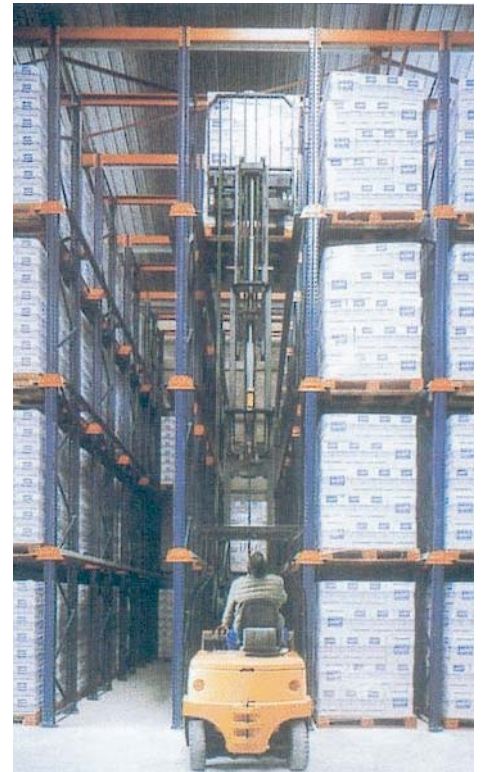
DRIVE-IN RACKING

Most high density drive-in pallet racking systems are little more than conventional pallet racks, adapted and reinforced to meet the stringent demands of drive-in applications.

IRACKING's drive-in racking system provides the space efficiency and high volume storage of block stacking, with easy access to pallets.

There are no aisles and no cross beams, providing maximum space efficiency. And because each pallet sits on its own support rails, pallets are no longer stacked on top of each other.

Stable and highly space efficient, drive-in racking provides maximum use of storage volume together with fast input and retrieval of pallets.



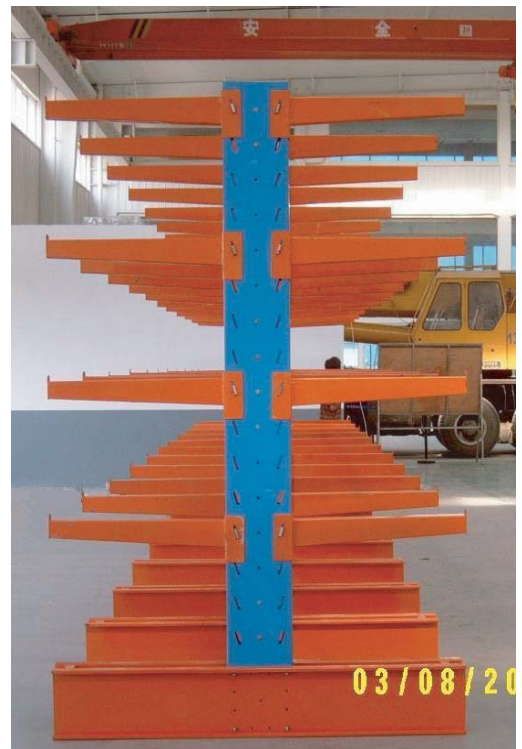
- Drive-in racking is tailored to pallet and load size and handling equipment.
- Can be used with standard handling equipment.
- Rails adjustable optimize space utilization.



CANTILEVER RACKING

The ideal solution to store long and awkward oversized goods is Cantilever Racking. It is perfect for the storage of packs of timber, steel bars, tubes, long length goods.

It is available in both single sided and double-sided configurations. The double sided rack provides maximum storage capacity on a single central column while the single sided rack is designed to fit flush against a wall.



Mezzanine

Usually consist of upright, beam, shelves, deck, handrail and stair etc. Additional storage floors can be incorporated into the rack with walkways to allow pedestrian access for order picking. This maximizes all available headroom and is ideal for storing a wide variety of packaged goods for hand picking. It is the ideal solution for the utilizing of warehouse's height and space, also can accommodate sophisticated automated picking systems. Mezzanine systems are widely acceptable to automobile and logistics industry.



FLOW-THROUGH RACKING

Pallets or cartons are placed on rollers that slope toward the pick face. The advantages of being gravity fed means that pick faces are automatically replenished.

Picking and Replenishment sides are separate. Pallets or cartons are fed in from one side, and retrieved from the opposite side eliminating double handling from the receiving area. Speed of throughput combined with automatic stock rotation is the major advantage of this system.



STORAGE ACCESSORIES

Storage Cabinets & Work Benches



STORAGE ACCESSORIES

Containers & Boxes



105W*110D*50H



105W*190D*75H



105W*190D*75H



140W*220D*125H



110W*160D*74H



150W*240D*120H



200W*340D*155H



200W*150D*177H



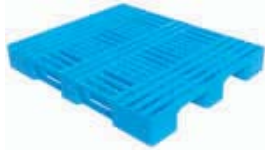
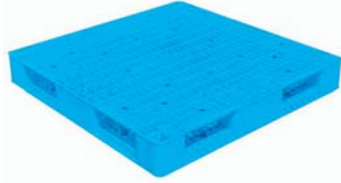
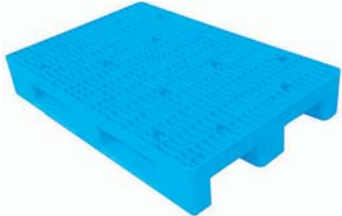
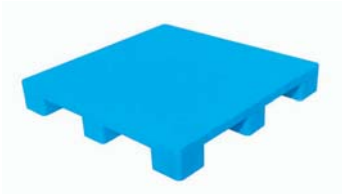
STORAGE ACCESSORIES

Stacker Racking



STORAGE ACCESSORIES

Pallets



STORAGE ACCESSORIES

Access Equipment



STORAGE ACCESSORIES

Labels



STORAGE ACCESSORIES

Meshes

