

# ***Industrial Shelving***

***Solid Construction***

***Superior Performance***



**COMMERCIAL & INDUSTRIAL**  
**SHELVING SYSTEMS**



# ***Shelving Solutions***

[www.shelvingsystems.net.au](http://www.shelvingsystems.net.au)

# APC Pallet Racking

## Solid Construction, Superior Performance



### Designed for Strength

APC's latest rollforming technology gives you the best strength to weight ratio and the most effective post section design available. This means a greater cross-sectional area of material working in our quality posts. Deep centre dimples plus the added material also makes for the most desired post section available. APC's research team, in conjunction with independent engineers literally tested hundreds of prototypes in determining this ultimate shape and design.

- High tensile Australian galvanised steel offers greater strength, consistency, yield and corrosive resistant finish.
- Safety is enhanced by reflected light which increases visibility, thus greatly reducing impact damage.
- Flanged profile as standard further enhances safety by greatly reducing cracking and tearing along post sides.
- Rounded, symmetrical and larger radii post holes reduce the possibility of fracture.
- Ultimately, APC posts are designed to ensure your safety comes FIRST.

### Bracing

APC's 'standard' bracing pitch pattern remains consistent throughout the entire height of the frame. This makes APC frames stronger as well as easier to assemble. More bracing also means more steel, resulting in better connected and more rigid frames.

### Beam Section

APC introduced the double crimped boxed beam section to Australia. Double crimped boxed beams are the optimal design and are manufactured from high tensile steel that minimises twist and provides excellent frontal impact resistance. Various beam sections are available to suit any load requirement.



### Beam Connectors

- Precision two, three and four prong connectors available
- Designed to evenly distribute beam load down face of upright post
- Eliminates point loading and post hole damage
- Adjustable in 75mm increments (modern metric system)





## Load Displacement

The standard APC footplate is a higher, thicker, welded footplate design and engineered to transfer loads efficiently to the ground. APC also manufactures heavier duty baseplates to distribute heavy point loads from the frame more evenly onto a concrete surface. APC footplates and baseplates are designed to suit various height to depth ratios.



## Safety Clips

- Spring steel beam locking clips are standard on all beam connectors
- Once beam is set in its correct position, lock automatically engages
- Prevents accidental dislodgement of beam whilst loading/unloading
- To remove the beam, locking clip must be manually disengaged



## Shelf Beams

- Extruded stepped beam section allows flush fitting of shelf inserts
- Low profile design maximises clear shelf space for easy loading
- Protects front and rear edges of shelf insert
- Shelf inserts remain securely in place, no need for fasteners



## Accessories

A wide range of innovative accessories are available including:

- Front to back board support angles
- Pallet support & fork entry bars
- Post impact guards and structural frame barriers
- Drum supports
- Galvanised sheet & mesh overlap shelves
- Particle board & melamine shelves
- Magnetic & adhesive labels
- Safe working load signs (as required by AS4084)
- Rack maintenance signs (as required by AS4084)
- Cable support assemblies
- Louvre panels
- Plastic parts bins



## Finish

- Bright silver galvanised frames, for light reflection, durability and corrosion resistance
- High quality Dulux® powdercoated beams & accessories
- Corporate colours available on request
- All fixings high tensile zinc plated steel and galvanised to suit





# Selective Racking

*100% selectivity, economical & versatile*

**APC Selective Pallet Racking** is the most common storage system used for palletised goods. It is the most economical and versatile investment, in terms of storage equipment, that can be made for warehousing or distribution operations.



**APC Selective Pallet Racking** is designed to facilitate the maximum number of pallets in a given space and provide 100% accessibility using a conventional forklift. Manufactured from High Tensile Australian Steel, the strength and quality are guaranteed.

- Most common, economical & versatile of all storage systems
- Each pallet can be located and moved individually without moving others (100% accessibility)
- Compatible with most types of handling equipment and building structures
- Facilitates quick throughput and handling of products
- Provides strength and rigidity, protecting products from compression and other damage
- Many accessories available to suit



# Drive-in Racking

*First-in last-out high density pallet storage*

**APC Drive In Pallet Racking** is recommended for the bulk storage of palletised loads where stock rotation is not critical. The main advantage of the system is the high utilisation of available floor space. Pallets are stored on a first in-last out basis.



When compared with Selective Pallet Racking, **APC Drive-in Racking systems** can provide up to 70% more storage capacity with the same available floor space. As the name implies, the rack is designed so that a forklift can drive into the rack from the operating aisle.

Pallet guide / support rails are constructed from structural steel connected to cantilever arms protruding from the upright frames which are anchored to the floor.

Guide rails are galvanised and powdercoated safety yellow. Flared entry rails aid pallet loads into the system for safe storage.

Essentially a structurally designed system, **APC Drive-in Racking** is a renowned and proven performer and offers real longevity.



# ***Double Deep Pallet Racking***

## ***Double the Density, Half the Aisles***

***APC Double Deep Pallet Racking*** is comprised of selective pallet racking that is constructed to store pallets 2 deep or 4 deep. Double Deep reach trucks are required to operate in Double Deep Selective Racking. Double Deep's main advantage is the ability to store multiple pallet quantities of each product line whilst retaining 50% selectivity making it an economical alternative to drive in racking.





# **Maxipacker® Racking**

*State of the art high density storage technology*

**APC's Maxipacker® system** is the ultimate in high density pallet storage. The ability to utilise the entire volume of a warehouse whilst having efficient and economical pallet management is an equation which does not usually add up. APC's Maxipacker® system is the solution.



**Maxipacker®** is a patented robot for handling pallets in a high density racking system. Unlike other drive-in racks where it is necessary to drive the pallet in with a fork truck or invest in special trucks, Maxipacker can automatically collect or stack the pallet for you.



## ***Less Damage = Better Economy***

Letting Maxipacker® take care of all pallet handling in the rack means that the amount of damage to both the goods and the rack is kept to an absolute minimum. The result is an unusually positive total economy.





# ***Custom Racking Systems***

***Wide range of innovative applications  
including...***

## ***Order Picker Racking***



## ***Tyre Racking***



## ***Cable Racking*** (safety hooks as standard)



## ***Automatic Storage / Retrieval Systems***



## ***Narrow Aisle Racking***





## Standards

As part of APC's Duty of Care policy, all APC equipment has been designed and tested in Australia, strictly adhering to the following standards, amongst others:

<b>FEM 10.2.02</b>	European code of practice for the design of Static Steel Pallet Racking
<b>FEM 10.2.03</b>	Adjustable Beam Pallet Racking tolerances, deformations and clearances
<b>FEM 10.3.01</b>	Guidelines for specifiers of Static Steel Racking and Shelving
<b>AS4084-1993</b>	Steel Storage Racking
<b>AS4600-1996</b>	SAA Cold-Formed Steel Structures
<b>AS4100-1998</b>	SAA Steel Structures
<b>AS1170-2002</b>	Structural Design Actions (Wind & Earthquake Action)
<b>AS1554-1985</b>	Welding of Steel Structures
<b>SEMA-1980 (UK)</b>	SEMA Pallet Racking code of practice
<b>RMI-1985 (USA)</b>	Rack Manufacturers Institute



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Not only do the individual components comply, but every single project undertaken by APC is carefully designed to the strictest of codes applicable.

## Standard Sizes

APC Pallet Racking can be custom manufactured to any size as required. Below are the most common dimensions for everyday applications.

<b>Beam Spans (mm)</b>	<b>1370, 1520, 2400, 2585, 2750, 3350, 3650, 3900</b>
<b>Frame Heights (mm)</b>	1800, 2400, 3000, 3600, 4275, 6000, 7200 and up
<b>Frame Depths (mm)</b>	450, 600, <b>840</b> , 900, 1050, 1200

• **Bold** denotes standard selective pallet racking sizes • Beam span is the clear space between posts





**call: 07 3807 7722**

Whether you're designing a new warehouse or reconfiguring an existing facility, APC Storage Solutions offer an extensive range of quality products designed to give you a rapid return on investment, reduction in labour costs, higher productivity and a safer, more efficient operation.

Industrial



**Pallet Racking**

Guaranteed the best quality racking available



**Drive-in Racking**

First-in last-out High density pallet storage



**Raised Storage**

Double your floor space, - strongest stairs around



**Cantilever**

Structural construction for irregular loads

Shelving



**Aislesaver**

Smooth, easy mobile shelving maximizes space



**UniShelving**

Robust modular & adjustable shelving



**UniSpan**

Superior performance medium duty longspan



**Retail Shelving**

Shed display shelving for retail environment

Small Parts



**Density Drawers**

Systematic storage for organising tools & parts



**Steel Cabinet**

Economical & versatile for secure storage



**Work Bench**

Heavy duty modular work stations



**Parts Bins**

A wide range of quality polyprop storage bins

Office



**Lockers**

Strong, secure storage for personal items



**Filing Cabinet**

AFRDA approved with 5 year warranty



**Tambour Door**

Stylish fully retractable door conceal doors



**Multimedia Unit**

Dynamic storage for DVDs, CDs, cassettes, etc

Cages & Safety



**Pallet Cage**

Stackable & collapsible to suit standard pallet



**Stilage Cage**

Industry benchmark heavy duty transport units



**ManUp Cage**

Top quality for lifting personnel in safety



**Rack Protection**

Prevent damage to valuable pallet racking