

INDUSTRIAL STORAGE SYSTEMS



EMRACK
INTERNATIONAL



www.emrackinternational.com.au



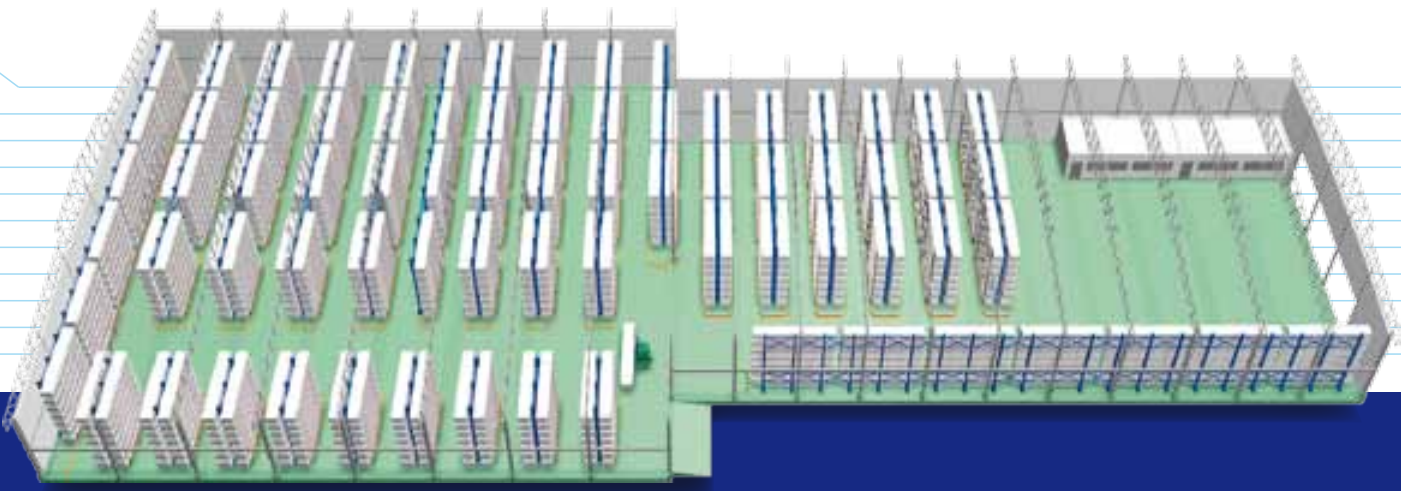
TEAM AT EMRACK

We are more than just a supplier of racking, shelving and storage systems. The team at Emrack strives to provide businesses with complete turn-key solutions; including full warehouse/layout planning, consultation, floor plan support design, 3D modelling, customised design, project engineering and planning, supply, delivery, installation and post project-delivery services. Emrack is dedicated to ensuring the delivery of cost effective solutions designed to match your unique requirements.



COMPLETE SOLUTIONS

With an International presence, highly experienced technical teams, unmatched client consultation and outstanding customer service, the team at Emrack is committed to providing your business with a complete solution including globally competitive pricing, implementation and back up. From a simple rack accessory to a sophisticated, specialised racking solution, you can rely on Emrack's professional team to deliver!



INTRODUCTION

For over 30 years, the team at Emrack has been providing complete storage solutions to Australian businesses. Emrack is one of Australia's leading suppliers of a complete range of high-quality storage and racking solutions that are individually tailored to increase the safety, efficiency and productivity of your business.



ACCREDITATION

Safety in the workplace is an increasingly important issue for all Australian businesses. To uphold the highest standard of safety and compliance, Emrack works with independent engineering firms around the world to ensure that all industrial racking systems are certified

to the relevant Australian and International standards including AS4084-2012. All Emrack products are strictly manufactured under ISO 9001:2000 quality assurance standards as a minimum - with a detailed in-house QA system framework ensuring 100% compliance .

20 YEAR WARRANTY

Emrack products are built tough and built to last and that's why in addition to the standard 12-month warranty, Emrack offers its customers the Emrack 20-Year Product Warranty.

INTERNATIONAL DIVISIONS

With our network of offices and manufacturing plants around the world constantly growing (currently including Melbourne, Perth, Auckland, Chicago, Bangkok, and Shanghai), Senior Management at Emrack is dedicated to the vision of continued growth as a top-tier firm, while adding to the pool of talent who will continue to serve the market-place more comprehensively than any other.



The philosophy

EMRACK INTERNATIONAL

DISCUSSING YOUR UNIQUE NEEDS

Your businesses needs are unique. The team at Emrack understands that no two projects are the same, and in order to deliver you the ultimate solutions, clear communication and face-to-face contact is key. With a focus on truly understanding your business, Emrack has grown to one of Australia's largest designers and suppliers of high-quality Industrial Storage Systems.

DETAILED PROPOSAL

After discussing your plans, the team at Emrack will prepare a detailed proposal. Whether you require a small section of Selective pallet racking – or a multi-million dollar turn-key solution - your project will receive the same dedication of our highly experienced engineering and sales team. Regardless of your specific requirements, your plans will be fully specified, always with a full set of technical drawings to ensure you have a clear understanding of the proposal

FLEXIBLE SOLUTIONS

The design team at Emrack is able to translate ideas into physical space and explore a wide range of possible solutions, leading your project to the best outcome.

IMPLEMENTATION

This includes supplying, delivering and installing the chosen solution. All projects will be given realistic lead-times that will be followed through and managed precisely.

POST PROJECT-DELIVERY SERVICES

Emrack provides a full range of warranties, maintenance and component back-up of all Emrack installed systems. We actively deliver on-going support for clients – ensuring you receive the best possible return on your investment, safely and cost-effectively.

FLOOR PLAN SUPPORT & 3D MODELING

The team at Emrack creates flexible layouts that utilise your available space as efficiently and effectively as possible. This approach has consistently provided our customers with initial capital cost savings and lower operating cost over time.



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PALLET RACKING SYSTEM

The universally adopted Pallet Racking System is a common sight in warehouses around the world. Emrack provides a highly developed range of warehouse storage systems for palletized and bulk stock. Available in a wide range of configurations, there is a Pallet Racking design to suit all business needs.

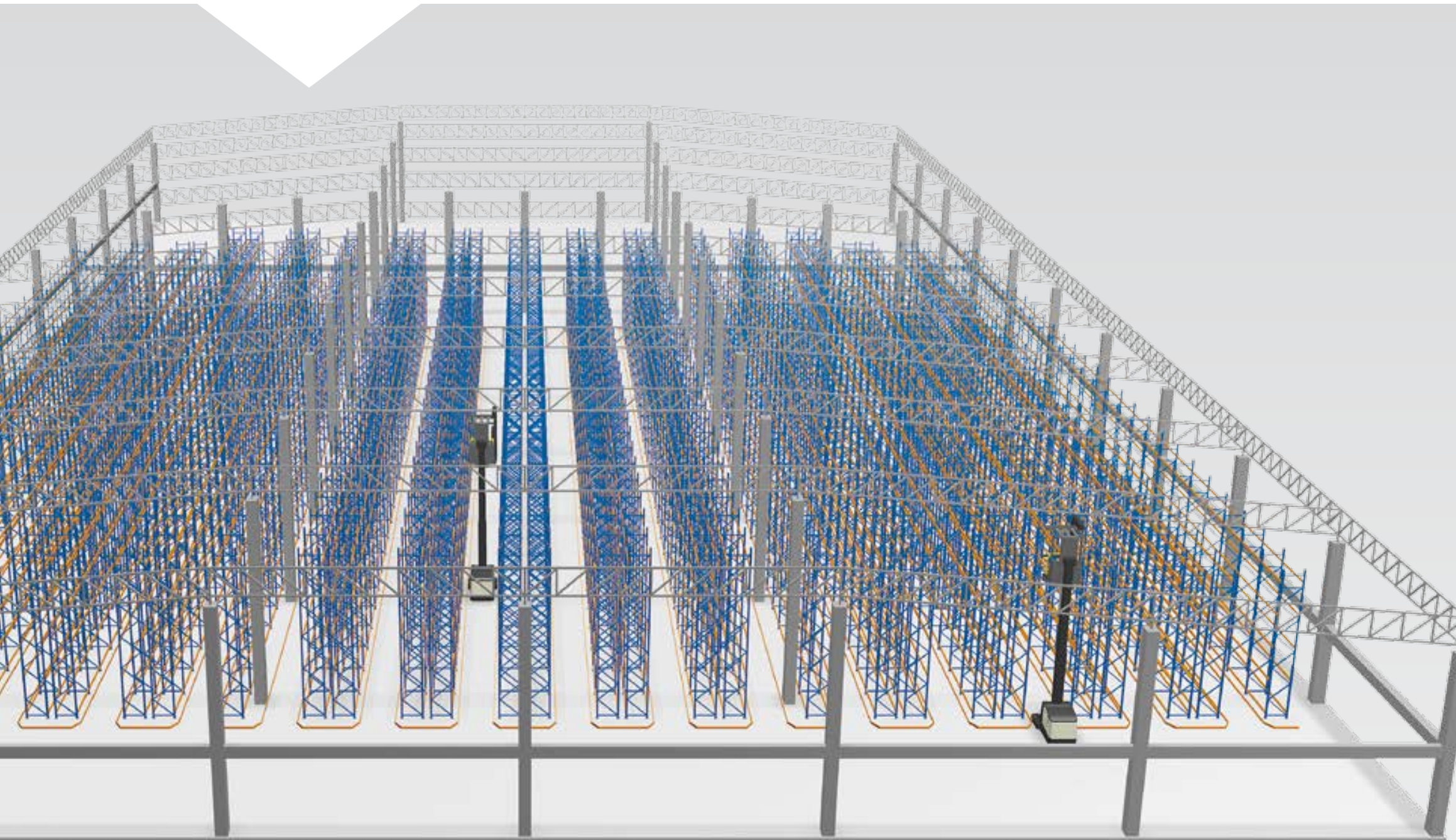


PALLET RACKING SYSTEM

FEATURES:

- > Various Heights - Towering to above 11 Meters - with a range of certified upright profiles providing almost unlimited options for bay-load capacities.
- > Beam Lengths spanning up over 5000 mm - with beam sections providing loading capacities to meet every requirement
- > A wide range of specialised accessories to improve workplace safety & protect your racking investment
- > From standard pallet weights of less than 1 Tonne, to specialized product storage requiring several tonnes per pallet, the Emrack Pallet Racking System has been designed to cater to the ever changing needs of industry.
- > Customised Configurations available for Specific Requirements
- > Powder Coated, Pre-Galv and Hot Dip Galvanised Options
- > Customised Colour Schemes
- > Full Layout Planning, Floor Plan Support, Supply, Delivery, Installation and Post Project - Delivery Services





EMRACK INTERNATIONAL
BUILT TOUGH, BUILT TO LAST!



PALLET RACKING SYSTEM CONFIGURATIONS

Emrack Pallet Racking Systems provide storage solutions for palletised stock in a number of alternate CONFIGURATIONS including:



SINGLE SELECTIVE RACKING

- > Most cost effective storage system with the lowest equipment and capital costs
- > Direct access to all pallets for 100% accessibility and good stock rotation
- > Accommodates variable pallet heights



PALLET LIVE & FLOW THROUGH

- > Pallets 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.



BACK-TO-BACK RACKING

- > The ability to stack two pallets deep - with access most commonly provided from entry face only.
- > Storage density increased as rack ratio changes from Selective Racking
- > Most common in large-format DC environments requiring multiple lanes



A - FRAME RACKING

- > Designed for the vertical storage of long-lengths
- > Divide a single front rack face into many picking locations with simple dividing systems
- > Single and double-sided configurations available with a range of heights



DRIVE-IN RACKING

- > Ideal for high pallet quantities of same stock in each lane.
- > Space efficiency and high volume storage of block stacking, with easy access to pallets
- > Self-centering rails automatically position pallets quickly and safely with floor-guides providing added rack protection



CARTON LIVE (CLS)

- > Suitable for cartons of various sizes and weights and incorporates metal rollers.
- > Various track lengths are available to suit individual applications.



DOUBLE-DEEP RACKING

- > The ability to stack two pallets deep - often with guide-rails to upper beam levels for added loading safety.
- > Used in conjunction with specialised reach-truck equipment
- > Storage density increased as rack ratio changes from Selective Racking
- > 50% immediate accessibility with reasonable stock rotation
- > Ability to use double-deep handling equipment for other tasks



LONG SPAN SHELVING

- > Ideal for storage and picking of 'box-stock' and smaller items.
- > Unique 'Panel Shelf' system as an alternative option to chipboard and ply
- > Large range of frame heights and beam lengths



NARROW AISLE & HIGH BAY

- > Makes optimum use of floor area and roof height
- > Provides high density storage with 100% accessibility and good stock rotation.
- > Often used with 'man-up' equipment and floor-guides for ease of use.



PUSH BACK RACKING

- > "Last in, First out" inventory
- > Each pallet is pushed back by subsequent pallet loading
- > Push Back Racking lets you store pallets 2 to 5 deep



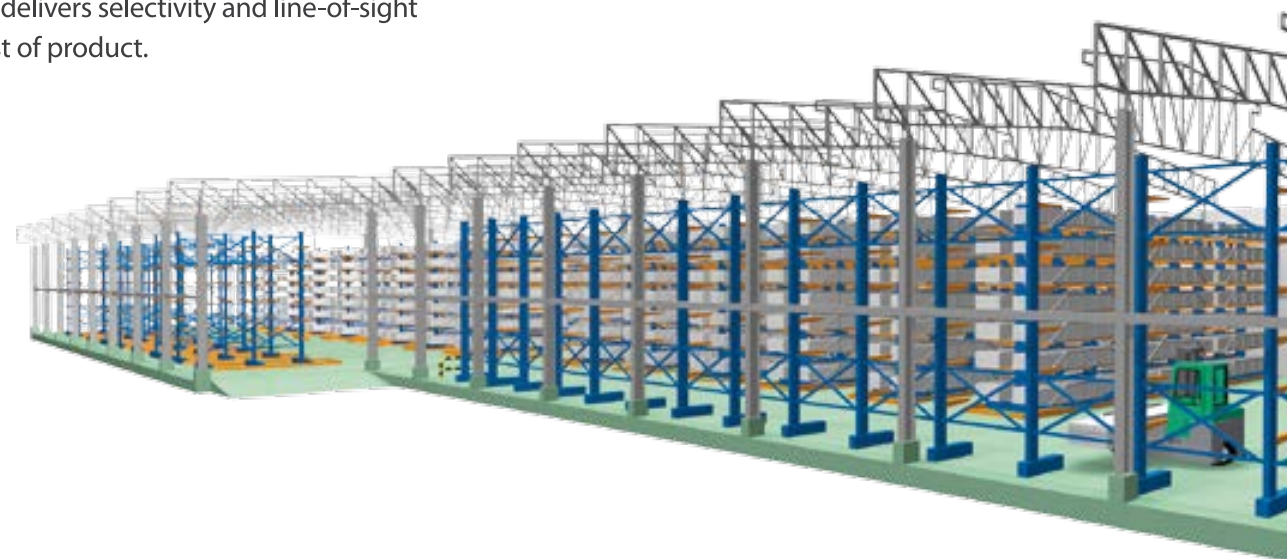
CANTILEVER RACKING

Often called 'Tree Racking', Cantilever Racking has quickly become an increasingly predominant pack handling solution for storing and distributing bulky, long-length products. Some of Australia's most well-recognised industrial brands have chosen to work with the team at Emrack to provide versatile, efficient and cost-effective storage and racking solutions.

In high volume or multi-product/SKU environments, Cantilever Racking provides unbeatable space-saving and operational efficiencies.

By providing un-hindered access to every product slot, Cantilever Racking delivers selectivity and line-of-sight to even the bulkiest of product.

IN-HOUSE DESIGN AND 3D MODELING



By combining an Emrack Cantilever Racking System with a multi-directional or side-loading forklift, many of our clients have experienced improvements in efficiencies which provide a ROI in under 18 months! Speak to your Sales Consultant about a list of previous Emrack clients you may contact.



The Emrack Cantilever Racking System is regarded by industry leaders as one of the most comprehensively designed and engineered systems available in Australia and throughout the world. We believe this is a direct result of listening. Listening to our customers has given us an insight into the 'real-world application' of our engineering efforts – and has allowed us to constantly improve the range and performance of the system. An example of this is the development of the specialised Cantilever Spreader System and Cantilever Truss System.



CANTILEVER RACKING

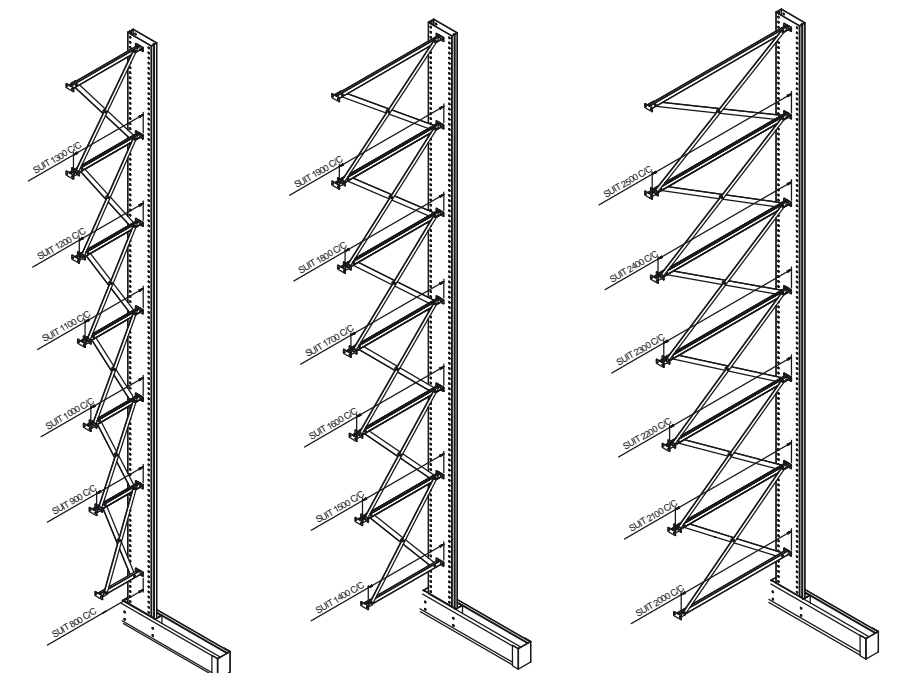
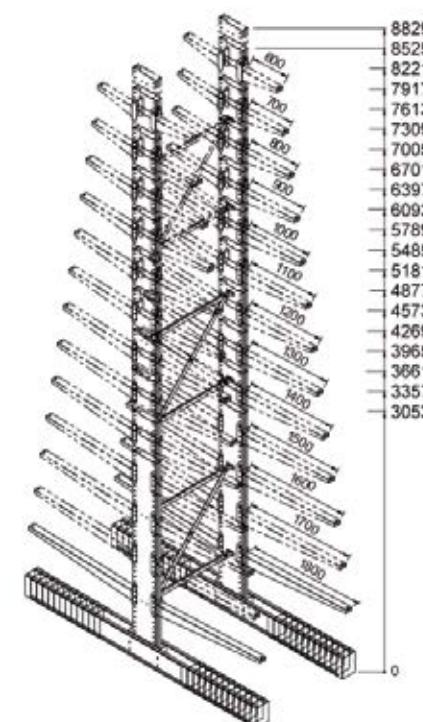


FEATURES:

A few unique features of the Emrack Cantilever Racking System include:

- > Articulated Arm design greatly reduces damage to your product - and to your racking investment
- > Over 5000 different size combinations to meet every space and product type
- > Powder Coated & Hot Dip Galvanized (H.D.G) Finishes to suit all environments
- > Full range of safety features and accessory options to safe-guard your employees and customers
- > The option of having specialised 'project specific' engineering reports and deflection calculations
- > Custom designed components to provide ultimate compatibility with your product types
- > Fully Modular - Fully Adjustable

DIMENSIONAL VARIATIONS



> Available in Single Sided or Double Sided



CANTILEVER SPREADER SYSTEM

The Emrack Cantilever Spreader System provides an ideal solution for the safe storage and handling of flexible plasterboard and sheet product.

FEATURES:

- > The Emrack Spreader System allows you to store your product perfectly flat - Always
- > Easy to Load and Unload - with ZERO lost space across the horizontal storage level
- > Unique Base loading system maximises storage space and product access
- > Adjustable Gluts for easy loading and 'bay specific' loads
- > Will suit all types of forklift tine spreader attachments - Guaranteed
- > Fully adjustable and fully modular
- > Allows you to store standard pallets alongside sheet products

TRUSS RACKING SYSTEM

The development of the GETC Cantilever Truss Racking System is another example of how the importance of listening to our customers has resulted in the design of a new, specialized system for particular industries.

The unique requirements of truss storage require the use of extremely long Cantilever Arms - providing efficient storage and complete accessibility to finished product which has traditionally occupied large parcels of land and yard space



FEATURES:

- > Extra long Cantilever Arms - designed to suit Truss and Frame storage
- > Unique in-built spreader system provides safely applied, stable loads across all levels
- > Powder Coated & Hot Dip Galvanized (H.D.G) Options
- > Huge range of heights and arm lengths - with Single-sided and Double-sided configurations



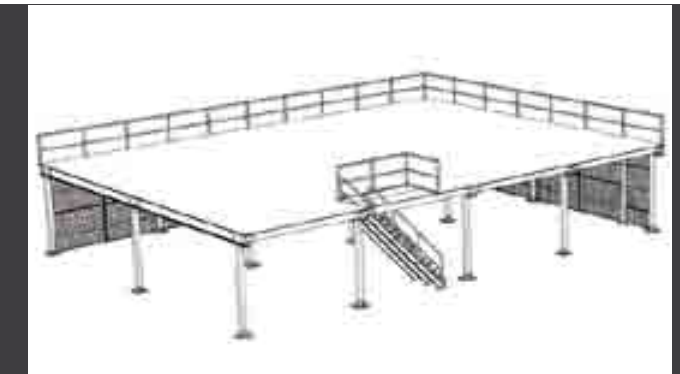


PIGEON HOLE & MEZZANINE

Emrack Mezzanine & Pigeon Hole Racking Systems provide a solution to the often difficult aspect of ever shrinking floor-space - while providing an integrated storage system for long-length and standard carton/parts storage. The requirements of businesses needing Mezzanine/Pigeon-Hole Systems are always unique - often requiring detailed engineering and planning to ensure the ideal configuration to suit any space. The in-house Emrack engineering team will work closely with you to ensure that your specific requirements are addressed by a custom - designed configuration.

FEATURES:

- > Multi-level mezzanine option - fantastic way of storing your long-length items and gaining extra floor space
- > Fully modular clip-together construction (no nuts or bolts) for unlimited configurations
- > Sturdy Steel Construction
- > Unique chequer-plate steel flooring system or 'ready to lay' joisted floor
- > Hot dip galvanized or powder-coated options for outdoor or indoor requirements
- > Full design & layout development services



LONG SPAN SHELVING

The Emrack Long Span Racking System provides a versatile and highly flexible storage and shelving system. The Long Span Racking System is ideal for the storage and picking of 'box-stock' and smaller items. The unique 'panel shelf' system allows you to expand your shelf size quickly and easily - without having to replace complete tiers.

FEATURES:

- > Exceptional Weight - Loading Capacity
- > Unique 'Panel Shelf' system as an alternative option to chipboard and ply
- > Fully adjustable & simple installation



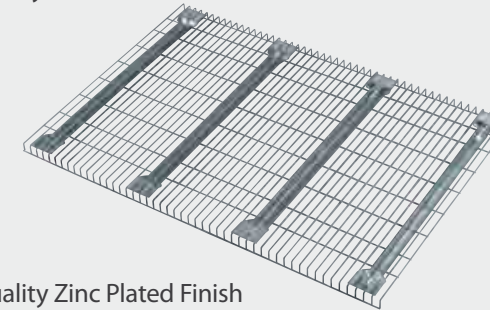
- > Large range of frame heights and beam lengths
- > Full design & layout development services
- > Beamed shelves and steel shelves





WIRE MESH DECKING

Mega Mesh is the ideal storage solution for all types of applications including small parts storage, cool room and freezer storage. Wire mesh decks are a clean and safe alternative to plywood or particle board decks, and they provide a durable, cost-effective and safe solution to storing EU and US Pallets, non-standard import crates and bulky carton stock.



Our quality Zinc Plated Finish and manufacturing processes which has no visible weld "spots" meaning much less chance for rust to develop.

MegaMesh is a brand proudly produced by Emrack, with the additional safety and confidence of being an Australian Design Registered Product.



Mesh Decking is also quick and easy to install and is easily maintained - with the mesh structure providing increased operator visibility and light penetration within your storage areas.

This product is ideal for most storage requirements, allowing storage of small parts - and is available in a wide range of sizes, strengths and wire-pitches.

Ideal for document storage, small-parts storage and the safe, effective handling of non-standard pallets the MegaMesh Decking System is a cost-effective and durable all-round solution.

DYNAMIC STORAGE

Emrack International is an industry leader in the warehouse industry and provides various materials handling products to its clients. The Emrack Dynamic System allows for businesses to pick and pack cartons efficiently. Enabling the storage and handling of multiple SKU's is imperative in achieving an efficient work space.

Providing for adjustable gradients and stock types, dynamic systems such as these allow for rapid, automatic restocking and handling - effectively increasing the handling rate of your product.



With numerous possibilities available, Emrack International can recommend a system to suit most applications and requirements.





SMALL PARTS STORAGE

Save time and money on small parts storage and handling with an Emrack Louvre Panel and Plastic Binning System.



OUR SINGLE SIDED - WALL MOUNTED LOUVRE PANEL KIT FEATURES:

- > Panels that fasten securely to assure proper load bearing.
- > Numerous bin sizes, ensuring your product is easily accessible and stored effectively.
- > Racks can be placed on any suitable surface, such as benches, transport vehicles and cabinets etc.
- > A set number of bins proven effective in the storage of small parts.

OUR FREE STANDING UNIT KITS FEATURE:

- > Louvered Panel that accepts numerous size plastic storage bins, ensuring your product is easily accessible and stored effectively.
- > High quality long lasting, lockable castors
- > Single Sided or Double Sided Units available
- > A set number of bins proven effective in the storage of small parts



ORIGINAL EQUIPMENT MANUFACTURER

Proven knowledge of storage systems, stillages and specialist fabrication capabilities are what makes Emrack International the Industry Leaders. By leveraging our international network of highly advanced manufacturing facilities – and coupling them with a dedicated team of local skilled operators, Emrack's fabrication clients benefit from significantly reduced overall unit cost – delivering significantly improved ROI timelines.

With a team of engineers and draftsmen, qualified specialist welders and fabricators, Emrack International's manufacturing facilities offer businesses the ability to have high-volume manufactured solutions supported by a world class international group.

Having delivered large-scale specialist fabrication solutions for some of Australia's leading industrial businesses, we understand the importance of matching quality control with cost-effectiveness.





INTEGRATED SYSTEMS AND AUTOMATION

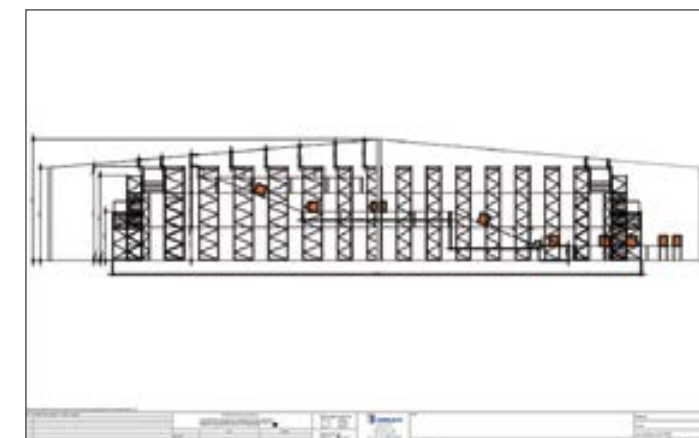
Many large-format, dynamic warehouses and Distribution Centres utilise an element of automation and/or conveyor systems - and selecting the right partner for your integrated systems is crucial to the productivity of your supply chain system.

Supply Chain Logistics are now a key element of how larger businesses can create and grow a competitive advantage. By having the most appropriately designed supply chain system - businesses can leverage off that competitive advantage and generate the greatest possible Return on Investment.



Emrack works closely with some of the world's largest and most experienced designers and manufacturers of automated systems, responsible for many of the world's most efficient supply chain systems ever built. With individuals dedicated to providing best-practice solutions, backed by extensive local support and international expertise - Emrack and its affiliates provide the most comprehensive, and competitive complete supply chain solution.

Speak to Emrack today about how we can help increase the productivity of your supply chain while controlling costs.





The Installations and Constructions Team at Emrack are highly experienced in the on-time delivery of all types of industrial, retail and commercial relocations, maintenance and reconfigurations.

By working closely with you to understand your business's unique needs - the team at Emrack can help to plan and execute even the most difficult of projects by dedicating the required resources to the on-time delivery of your project - while understanding the importance of being flexible to accommodate all stake-holders when working on operating sites.

With a highly experienced national network, you can rely on Emrack to have your project planned, completed and reported to the highest possible standard.



INSTALLATIONS, MAINTENANCE & SAFETY AUDITS



SERVICES

- > Installations and Dismantling
- > Warehouse Relocation and facility commissioning
- > Safety Audits and Reporting
- > OH&S Workplace Audits
- > Independent Engineering Certificates to relevant Australian Standards
- > Line marking and outsourced contracting/electrical services
- > Facility 'make-good' services and commissioning

From single bay installation to full industrial relocations, Emrack has the experience and knowledge to provide the most effective solution.

A dedicated design and drafting team works on every project, ensuring accuracy of all aspects of your installation, relocation or maintenance program.



20 YEAR WARRANTY

SAFETY AUDITS

The team at Emrack recognise today's OH&S requirements play an important part in your everyday business operations, the correct use and maintenance of your racking systems is an integral part of any business audit process.

National guidelines recommended that all racking be manufactured, installed and maintained in accordance with the new Australian Standard - AS 4084-2012 and inspected every 12 months as standard practice. As Industry Experts, Emrack can assist in ensuring your business is compliant.

Your Emrack International Audit Report will include

- > A detailed action plan
- > Maintenance programs
- > Independent 3rd Party Certifying Engineering Certificate

Your Emrack International Audit report will give you maximum confidence in the compliance of your equipment! Speak to one of our Industry Experts about having your workplace fully certified with an easy, cost effective solution.

EMRACK INTERNATIONAL

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