



# Advanced Storage Systems

انظمة تخزين متطورة





Arcoma started business in early 50's as family business establishment. To cope with the galloping growth of the Saudi economy, Arcoma was reorganized as a limited company in 1992, to expand and diversify its business lines

During the 50's and early 60's the main line of business of Arcoma was general trade to meet the then prevailing non-specialized product requirement to the wholesale trade.

As the Saudi economy was growing steadily, Arcoma envisaged the need to diversify its scope of business

Industrial development was the name of the game in Saudi Arabia in the 80's and Arcoma was no less eager to participate

#### MANUFACTURING:

In early 1976. Arcoma has started their shelving and racking division by importing from Europe.

To meet the growing demand for racking system in Saudi market, Arcoma decided to manufacture those systems locally. Production started in 1985.

On the other hand, building and industrial insulation and consumer packing were relatively new to this market. Arcoma foresaw the future for such products and started the first factory of its kind for molded polystyrene products in Jeddah in 1976 followed by another factory in Qassim in 1993.

Since the early days of ARCOMA, we have accumulated a wealth of knowledge and experience with storage systems. From manual warehouse racks and semi- automatic systems, to an integral approach for complex and automated warehouse layouts. And we use this experience to do our very best to exceed your expectations.



Arcoma started the racking and shelving lines in 1976. The beginning was importing the products. Realizing the far-reaching success in the Saudi markets both in government sectors and private sectors, arcoma decided to produce such products locally, and procured the most sophisticated technology for manufacturing racking and shelving systems. Production started in 1985.

A professional team of technical staff is devoted to support and extend free consultation to customers to gauge their actual storage needs and ensure full satisfaction.

By virtue of high quality products, Arcoma succeeded to have a share in the other markets like GCC Countries, Yemen, Egypt, Syria, Jordan, Morocco and even China and more to come.

The Company can provide total warehouse solutions from designing, drawings, production, erection, provides palletizing, packaging and par-coding system in addition to material handling,

#### What makes us special

- We are pioneer manufacturer of warehouse racking and shelving in MENA
- Following EU standard under NEDCON
- We are driven and adept at finding solutions
- Our wealth, Knowledge and experience
- Our high level of commitment and innovations

### Our Other Divisions



Technical Division



Equipment Division



Packaging Solutions Division



Food & Consumer Product Division

Selective Pallet Racking	انظمة تخزين الطبلبات
Radio Shuttle Racking	نظام تخزين خاص بالساتالايث
Drive -in / Drive thru	نظام الدرايف إن
Pallet Live Racking	نظام حركة الطبلبات المستمرة
Long Span Racking	نظام الأرفف العريضة
Bolt Free Shelving	نظام الأرفف (بدون مسامير)
Multi Tier Shelving	أنظمة التخزين متعددة الطوابق
Mobile Shelving	الأرفف المتحركة
Cantilever Racking	نظام تخزين بالأذرع
Mezzanine Platform	نظام المنصات المعدنية
Plastic Bins & Pallet	الحاويات البلاستيكية والطبلبات
Mobile Ladders & Trolleys	السلالم المتحركة & العربات

# ARCOMA Pallet Racking



**Making pallet racks is what we do. And we do it well. ARCOMA designs, tests and manufactures precision made and customised products in-house.**

Our engineers love it when you present them with a challenge. Additional load bearing capacity, custom work? Give us a try.

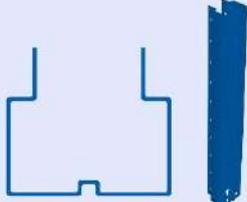
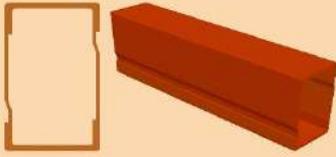
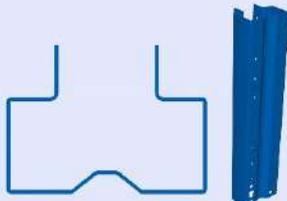
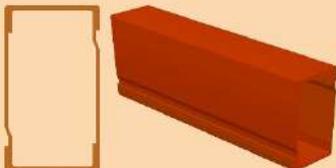
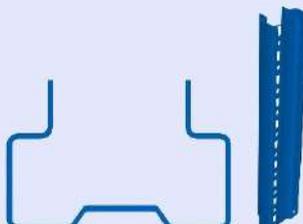
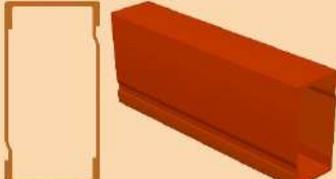
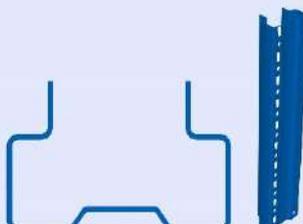
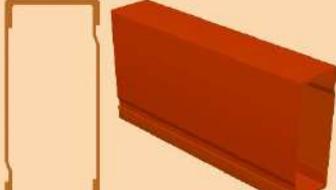
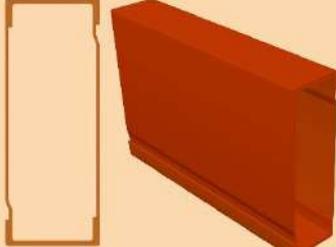
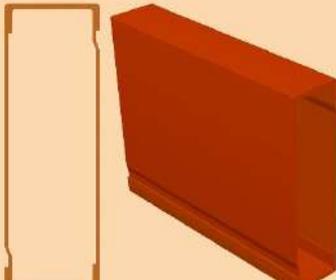
We make racks that perfectly suit your storage requirements. We understand that the safety of your employees and the continuity of your logistic processes are crucially important here. Our racks are known for their reliability and satisfy the requirements of the European EN standard series for pallet racks.

## Advantages of ARCOMA pallet racks

- Precisely customised to provide maximum storage capacity
- Leader in safety and durability
- Flexible and modular structure
- Wide range of accessories
- Suitable for manual and automated warehouses
- Future-proof with high residual value



# Beam & Upright Sections

	<p>80 x 77 2.00mm thick</p>		<p>70 x 40 1.50mm thick</p>
	<p>100 x 77 2.00mm thick</p>		<p>90 x 40 1.50mm thick</p>
	<p>120 x 77 2.00mm thick</p>		<p>100 x 40 1.50mm thick</p>
	<p>120 x 77 2.50mm thick</p>		<p>110 x 40 1.50mm thick</p>
	<p>140 x 77 2.50mm thick</p>		<p>130 x 40 1.50mm thick</p>
	<p>140 x 77 3.00mm thick</p>		<p>150 x 40 1.50mm thick</p>

# ARCOMA Radio Shuttle Racking



ARCOMA's semi-automatic pallet shuttle is the solution for the compact storage of bulk goods in warehouses from approximately 1000 pallet locations. The semi-automatic pallet shuttle rack optimizes your warehouse space with high capacity storage and storage utilization over 90% and yet maintains flexibility.

With the shuttle system, your forklifts only need to drive up to the rack and hand off the pallet to the shuttle, after which the shuttle will bring the pallets to its place (and back). This saves time and you can use space more efficiently because you are not limited by maximum drive-in distances. You can also choose to load and unload at different levels.

## Advantages of the ARCOMA pallet shuttle

- Channel length of 30 pallets or more possible
- Unique lifting mechanism for pallets weighing up to 2000 kg [4,400 lbs]
- The shuttle is easy to transfer to another channel using the forklift truck
- The shuttle can be controlled remotely
- Batteries last an entire shift: at least 8 hours run time and can charge within 4 hours
- Robust and reliable construction
- Equipped with Human Detection System for maximum safety
- Equal distribution of pressure over eight wheels ensures minimum strain on the rails and a longer lifespan
- Multiple language options on the remote controls
- Suitable for plastic pallets



# ARCOMA Drive in Racking



Compact warehouse setups are ideal for the storage of large quantities of identical pallet goods, from cleaning products to soft drinks and meat.

You save space and energy - especially when cooling is involved. ARCOMA's drive-in racks can provide even more additional advantages.

These drive-in racks excel in carrying capacity and collision resistance. Because however skilled your forklift operators are, you cannot rule out the possibility of collisions with racks.

## Advantages of ARCOMA's drive-in racks

- Compact storage with maximum collision resistance
- Designed according to FEM 10.2.07 guidelines
- Extra high quality steel, which makes heights exceeding 12 metres possible.
- The beams are among the strongest in the business
- Suitable for first in first out (FIFO) or 'drive through' last in, first out (FILO)
- Various forms of protection to prevent collision damage

# ARCOMA Pallet Live Racking



For order picking involving small packages with high turnover, flow racks have the advantage that they make buffers possible for the pick location.

As soon as you empty a container or remove a box, the next one will roll to the front. This way, the order pickers can continue their work without interruption. ARCOMA has added a few more advantages.

## The advantages of ARCOMA flow racks

- Uninterrupted order picking because the next product rolls to the front by itself
- Easy to assemble thanks to unique profile of rollers and lines
- Easy to adjust, when changing to a new type of packaging/box for example
- Suitable for a wide range of types and sizes of packaging
- Roller tracks are galvanised and all other parts are available in all RAL colours
- Suitable for first in first out (FIFO) order picking

# ARCOMA Long Span Racking



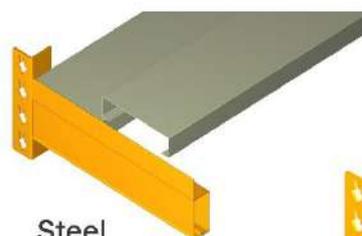
Long span shelving is a heavy duty hand loaded storage system that is designed to store large, heavy and bulky items. The step beams are designed to take 40mm thick chipboard and steel panels

## Advantages of ARCOMA Long Span Racking

- Suitable for Heavy and Light weight items
- Easy to build and adjust
- Compatible with various types of equipment
- Cost-effective, durable and easy to maintain
- Can use different types of decking
- Multi tier shelving possible with mezzanine



## Types of Decking

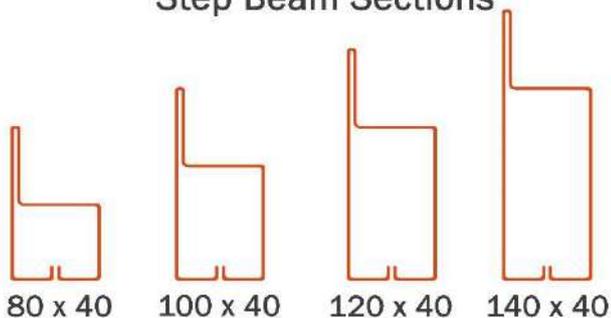


Steel



Wooden

## Step Beam Sections



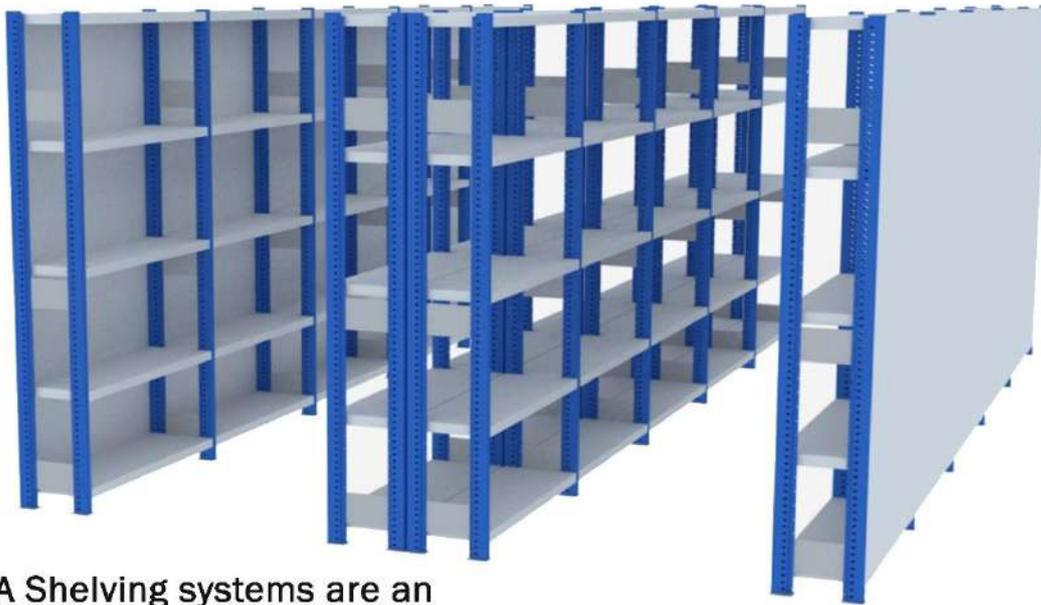
80 x 40

100 x 40

120 x 40

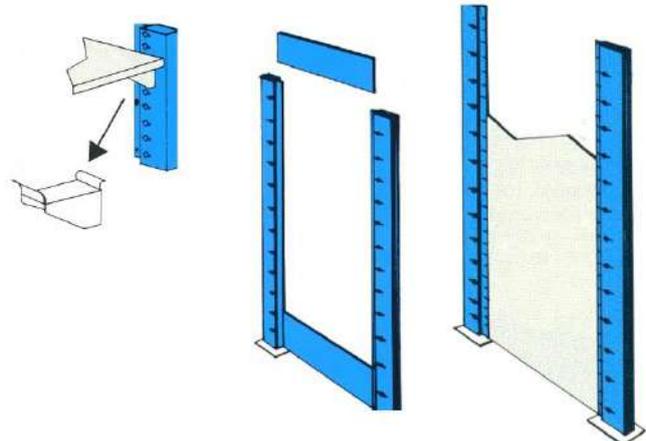
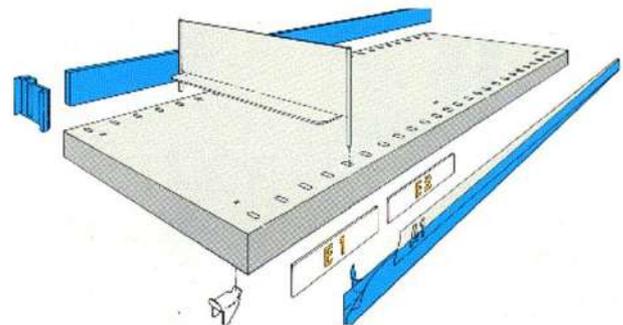
140 x 40

# ARCOMA Bolt Free Shelving



**ARCOMA Shelving systems are an affordable solution for the storage of a wide variety of small goods.**

Ideal for order picking and parts warehouses. The sturdy shelving systems offered by ARCOMA can be arranged any way you want.



## Advantages

- Affordable and modular manual storage system for small goods.
- Bolt less Shelving
- Available in standard section widths of 750,1000 & 1250 mm, and frame depths varying from 300 to 900 mm
- Upright lengths up to 14 metres, ideal for combining with mezzanine floors, pallet racks and flow racks
- Wide range of accessories for various storage methods
- Quick and easy to extend and adjust
- Safe for employees and your products

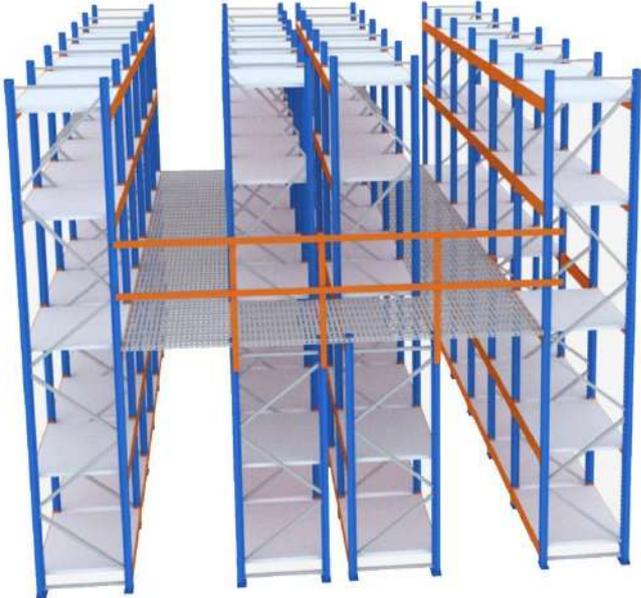


# ARCOMA Multi Tier Shelving



## ARCOMA Multi - Tier Shelving

ARCOMA shelving is ideal for multi-tier applications. We can design and produce your shelving by designing it. to utilize available cubic space more effectively, practical, economical and space-saving solutions can be produced



## Additional Mezzanine Level

If additional floors and walkways incorporated into the system, the current storage space can be doubled and pedestrian access allowed for picking order. Adding a second level to existing system can also be a viable option.



# ARCOMA Mobile Shelving



ARCOMA Mobile shelving system consists of standard shelving units mounted on steel rails, that allows the shelf units to move to and from. It is equipped with steering wheel or manual handle in the front of unit.

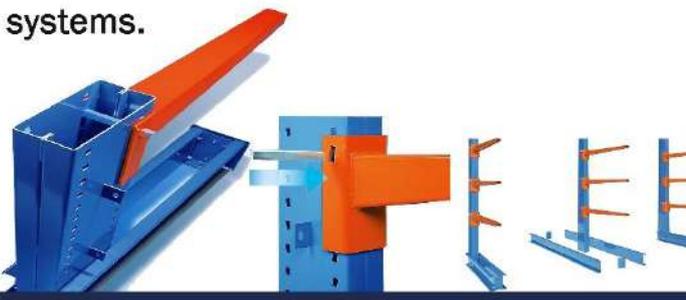


## Advantages

- Allows you to use your space efficiently
- Improves organisation of materials
- Customisable Storage
- Increased Storage Security
- Safer Environment
- Cost Effective
- Available in standard unit widths of 750, 1000 & 1250mm
- Wide range of accessories for various storage methods

# ARCOMA Cantilever Racking

We meet the most diverse requirements for storage technology with a broad range of products. Different products to be stored require individual solutions, which we already cover in most cases with our modular variable standard systems.



## Advantages of ARCOMA cantilever racking

- Versatile modular system for each type of store room and stored goods
- High-quality powder coating for the inside area
- Durable galvanizing for the outside area
- Shelf systems for light to heaviest loads
- Single-sided and double-sided shelf system

# ARCOMA Platform Mezzanine

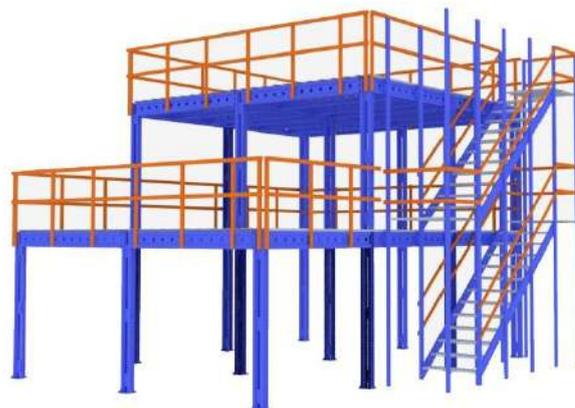


**Want to create more space for your goods? You can use mezzanine or intermediate floors to quickly, cheaply and easily multiply the number of square metres of floor space available.**

The mezzanine floors from ARCOMA can be set up according to your specific requirements. Whether you need an extra floor for storage, order picking, a conveyor belt or maintenance.

## Advantages of ARCOMA mezzanine floors

- Easily create more space for your goods
- Possible load bearing capacity of floors of 300kg/m<sup>2</sup> to 1000 kg/m<sup>2</sup> and more
- Large spans possible thanks to efficient profile use
- Easy to extend or disassemble
- Excellent integration with warehouse racks and automated systems
- Designed according to Eurocode 3 and national regulations
- Can be combined with pallet racks, flow racks and shelving systems



# ARCOMA Plastic Bins



## Advantages

- Manufactured from high quality anti static grade Polypropylene
- Used in hanging louvered panels, Shelves, racks and trolleys. Ideal for live storage or conveyor application
- Semi-open front, smooth finishing and clean inside faces to eliminate dust traps
- Provision for holding identification cards
- Resistant to most industrial solvents and virtually indestructible
- Reinforced base and edges to ensure safe stacking and handling
- Available in Six standard sizes and four attractive colours
- Utilizes cubic and load capacity and stackable



REF.NO	WIDTH	LENGTH	HEIGHT	VOLUME
<b>PB 2</b>	165	102	76	78 Cu. In
<b>PB 3</b>	241	152	127	285 Cu. In
<b>PB 4</b>	356	203	127	560 Cu. In
<b>PB 5</b>	356	203	178	784 Cu. In
<b>PB 6</b>	381	419	178	1732 Cu. In
<b>PB 7</b>	508	305	203	1920 Cu. In

# FACTORY



## UNIVERSAL SHELVES INDUSTRIAL COMPANY - USICO

Universal Shelves Industrial Co. Ltd is one of the most modern factory in Middle East with highly developed and computerized machineries.

Universal Shelves Industrial Co. Ltd. (USICO) who obtained international recognition through the ISO 9001: 2015 Certification



# Clients



أرامكو السعودية  
Saudi Aramco



أدنوك  
ADNOC



السعودية  
SAUDIA



قطر للبترول  
Qatar Petroleum



شركة المياه الوطنية  
National Water Company

سابك  
SABIC

TOYOTA

مدينة الملك عبد الله الاقتصادية  
KING ABDULLAH ECONOMIC CITY



الأهلي NCB



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DP WORLD



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Jordan Commercial Bank



البنك الأهلي المتحد  
ahli united bank



talabat



**UNIVERSAL SHELVES INDUSTRIAL CO.LTD**  
**Manufacturer of Racking & Shelving System**  
**الشركة الصناعية للأرفف العالمية المحدودة**  
**لصناعة أنظمة التخزين والأرفف المعدنية**

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