

BHD

STORAGE SOLUTIONS

"We've got Storage Solutions that fit"

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DIRECTORS DIALOGUE

Dear Valued Clients,

The market for industrial racking systems is continually growing due to the necessity for flexible material storage and stacking architectures. These systems offer new safety features and resource efficiency for all industries; the need for flexible racking systems is a vital driving force. It is anticipated that the industrial manufacturing sector will continue to grow in the coming years, as will the growing e-Commerce sector. In this regard, the market for industrial racking systems is projected to grow by over 7% during the forecast period of 2020-2030, reaching a value of US\$23 billion by the year 2030.

The rapid adoption of technologically advanced products, coupled with highly volatile market dynamics, such as price, robustness, and optimal performance, has significantly impacted industrial racking systems. Among the factors contributing to the growth of the global industrial racking system market are the continuous growth of export volumes, the development of e-commerce, and government policy support.

The global industrial racking system market will grow due to changing consumer behaviour, macroeconomic trends, and technology significantly impacting warehouse and distribution centre operations.

Due to the high demand for selective racking in third-party logistics (3PL), North America and Europe account for half of the industrial racking system market share, followed by retail and e-Commerce. Over the past two decades, the urban population has increased. As a result of this growth in finished consumer goods, e-Commerce, energy, and construction of upcoming projects, industrial racking systems have seen substantial demand.

The COVID-19 outbreak has led to a boom in the e-Commerce industry, which has positively impacted the growth of the industrial racking system market. As a result of this growth, BHD has opened its new USA office and warehouse in Atlanta, Georgia, where we are already welcoming our newly hired team members.

As the industrial racking market grows in the coming years, we expect this to lead to additional job opportunities in the local market. During the next several years, it is likely that the cumulative demand from 3rd party logistics, retail, and distribution centres will continue to grow.

September 26th marks the grand opening of our new manufacturing factory in Tongling City, Anhui Province. With this state-of-the-art facility, we will be able to provide our global customers with a unique position in the field of Automated Storage and Retrieval Systems (ASRS), which is dedicated to improving the efficiency and quality of warehousing and logistics.

Sincerely,

Jessica Zhu
Managing Director



BHD finds their ideal space through Cresa Atlanta

During a time of tremendous growth for our company, BHD Storage Solutions enlisted an advisor to assist us in finding a new North American facility in Atlanta.

Cresa Atlanta is a company that specialises in locating ideal facilities for companies like BHD USA.

Learn more about how Andy Roberts assisted BHD in finding its ideal location.



Success Story
Transaction Management

Beholden Storage Solutions (BHD) Atlanta

Beholden Storage Solutions is a global company offering the highest quality racking systems for over 20 years.



Client Objectives
To serve the growing demands of global logistics, BHD has developed a full-service storage solution provider inclusive of multiple racking systems as well as pioneering electronic mobile and shuttle racking solutions. For over 20 years, Beholden has thrived via their commitment to their client while specializing in safety, durability, quality, technology, and contemporary solutions. More specifically, BHD helps clients reduce the risk of human error, potential workplace injuries, and heavy financial losses.

Amidst their large-scale growth across the world, BHD needed to hire an experienced advisor to help navigate the opening of their initial North American facility in Atlanta. Aside from the inherent challenges in opening a location on a new continent, BHD was entering a tight industrial market with vacancy at a historic low of 3%.



Space
31,310 SF



Industry
Warehouse & Storage

Results
BHD hired Cresa's Andy Roberts as an advisor to leverage his in-depth knowledge of the market as well as Cresa's "occupier only" approach to secure a facility for BHD prior to the previous tenant vacating. This was done to gain a competitive edge on the market and enable BHD to stay ahead of the market to be free to select the location that best serves their business.

Furthermore, Andy and Cresa were able to hone-in on the best sub-market that reduces BHD's logistics cost while enabling BHD to benefit from an attractive labor market as they expand their North American team. The initial North American facility will enable BHD to broaden their global reach and as they continue to innovate the logistics industry.



Andy Roberts
Principal
404.446.1866
aroberts@cresa.com

“ Andy made the experience of looking for property in North America easy. His knowledge of the market and assistance helped BHD secure a compelling site that suited our business.

Would be very happy to engage with Andy for any future requirements. **”**

John Harrison, Director – BHD Storage Solutions, USA

It is with great excitement that we announce that BHD USA is now open for business, led by Michael & Jasmine. To learn more about our industrial storage systems, visit our website at www.bhdstorage.us or give us a call at (470) 923 2607



Exhibition & Conference Comeback



The long-awaited Megtrans 2022, one of our favourite Melbourne events, finally arrived. As always, it was a pleasure to network with our clients and partners. We are looking forward to exhibiting again next year.



In September, we were thrilled to participate in the Future Warehouse conference in Sydney.

A panel discussion and keynote presentations on two full days allowed us to provide the audience insight into automated storage systems for their businesses. Several supply chain industry leaders also presented.



Project Delivery

Golden City MITRE 10 Bendigo

For many years, Golden City MITRE 10's Bill Jeffrey has been a respected and longstanding member of the MITRE 10 group. His goal is always to offer his customers the best shopping experience possible. Bill wanted to protect the large open yard at the back of his store for his customers and his inventory, given the current conditions.

Bill and a local builder developed plans to build a large covered storage area at the back of their yard in order to house large quantities of timber. To ensure the structure was sound, excavation, council approval, and engineering support were required for the site, which was situated on a boundary fence. As part of the main structure, there are 71 columns with varying heights up to 7.1 meters with 400 arms that provide a great deal of additional storage space. Roof Trusses were also required for the project, which measured 24 meters in length.

Taking Bill's plans and turning them into reality has been rewarding for BHD. We'd like to thank the Golden City MITRE 10 Bendigo store for putting their trust in us.



Project Delivery

Major Hardware Distribution Centre

In a Distribution Centre for a leading hardware company, additional storage space was required.

As a result of BHD's extensive product range and availability, they could assist with the project promptly. After the requirements were established, plans were developed that created 2880 pallet spaces and determined loads. BHD Storage Solutions provided all the necessary materials, installation team, and certifications, and the project was completed successfully.



The benefits of Mobile Racks

Unlike most commercial racking systems, mobile racking systems are mounted on electric mobile bases instead of secured to the warehouse floor. They run on heavy-duty steel rails attached securely to concrete slabs.

Mobile pallet racks provide the following benefits:

- A compactor-like storage system for pallets with immediate access to all pallets in the system.
- The rows are fitted with motorised mobile bases that can be moved horizontally along guide rails flush with the warehouse floor to provide a forklift aisle wherever required.
- A single aisle must be open at any one time to allow access to the goods that need to be picked at a given time.
- Racks can be controlled individually or as a group.
- Standard forklifts can be used - no specialised equipment is required.
- It has the highest floor utilisation of all pallet racking solutions, with up to 85% of the space utilised for storage.

You can speak with the experts at BHD Storage Solutions. They can help you choose the most effective system for maximising storage capacity in your space, enabling you to visualise how your space will be used.



How versatile are Grated Decks?

Grated decks are a sturdy alternative to other decking components, serving as shelves on pallet rack beams and cantilever arms.

The deck's shape prevents it from dislodging from pallet rack beams and is suitable for light and heavy-duty applications, including small cartons to heavy machinery. In addition to being available in zinc or hot dip galvanised finishes, our grated decks are suitable for use in areas subject to high humidity or external environments.

This deck design allows even air distribution, which is particularly helpful in ambient warehousing, chill stores, and freezers.

Pallets can be stored using these decks since the pallet does not need to be supported by beams. In addition, they act as safety guards for warehouse handling equipment in case goods fall from racks. In addition, these decks can handle heavy loads with uneven load distribution points.

When specifying the pallet racks, the weight of the grated deck must also be considered. Our grated decks come in various sizes and load capacities and are customised according to your needs.

Contact our team of experts to learn more about how our racking products and services can help your business.



Are you considering Warehouse Automation?

Smaller order fulfilment operations and retail warehouses once considered Automated Storage and Retrieval Systems (ASRS) to be out of their reach because they did not have the budget to invest in such advanced technology.

In recent years, ASRS technology has rapidly advanced. This has resulted in new options available in terms of size, speed, cost, and flexibility, which has led to a rapid increase in system adoption. Due to this, ASRS technologies are among the most popular and impactful investments available to most companies.

How does an Automated Storage & Retrieval System (ASRS) work?

The automated storage and retrieval system performs various functions related to warehouse automation, specifically buffering, storing, and retrieving inventory.

Several ASRS technologies are available, including shuttles, cranes, carousels, vertical lift modules (VLMs), micro-loaders, mini-loaders, and unit loads. A warehouse management system (WMS), warehouse execution software (WES), or other controls may be integrated.

ASRS benefits

ASRS automates the storage and retrieval of inventory by automating tasks that are easily repeated, which provides several powerful benefits for the operations that employ it, including:

- Increased efficiency in the use of floor space
- The ability to reclaim unused vertical space
- Increased density of inventory storage
- A reduction in accidents as a result of improved ergonomics and safety
- Throughput increased
- A reduction in the cost of labour
- In the absence of labour shortages, there are fewer labour constraints
- A modular design is often used to maximise flexibility
- An increase in the accuracy of order picking
- Enhance the security of premium inventory products

Contact our team of specialists if you would like more information about ASRS.



Certifications & Membership



BHD Storage Solutions' contractors provide safe practices that comply with WHS legislation, which is demonstrated by our Cm3 certification. We are committed to maintaining the health and safety of our current and potential clients.



Our Sedex membership is a result of our commitment to maintaining a responsible and sustainable business. Utilising Sedex tools and services, helps our company to improve our responsible business practices.



BHD Storage Solutions is the holder of the current edition of the ASSA Workplace Compliance System. The ASSA Compliance System enables us to fulfill our statutory obligations under the relevant WHS legislation; providing employees, clients and visitors with a healthy and safe workplace.



RMI has drafted the American National Standards ANSI MH16.1 (for industrial pallet racks), ANSI MH16.3 (for cantilever racks), and ANSI MH26.2 (for wire rack decking) and certifies compliance with the standards via the R-Mark Certification Program. BHD Storage Solutions are proud to provide RMI certified racking solutions.



BHD Storage Solutions Cantilever rack systems are manufactured according to the FEM Standards 10.02.09. The FEM code specifies the structural design principals applicable to all types of cantilever rack systems fabricated from steel members intended for the storage of unit loads and subject to predominantly static loads. Components include columns, cantilever arms, bases, bracing and beams.



The CE marking declares that a manufacturer's products comply with the EU's New Approach Directives. BHD Storage Solutions' racking materials have been locally tested and carry the CE mark, which shows that our products conform to regulations involving goods sold within the European Economic Area (EEA).



Products manufactured by BHD Storage Solutions are strongly sought after for their reliability, lifetime guarantee and AS4084-2012 (Australian Standard: Steel Storage Racking) certification.

Product Offering

BHD Storage Solutions specialise in the design, manufacture, supply and installation of an extensive range of racking systems.

We are able to offer tailored racking solutions that satisfy the needs of your business, as well as your budget.

To request more information or a Product Brochure, Freecall 13000 RACKING.



Pallet Racking



Mobile Pallet Racking



Mezzanine & Pigeon Hole Racking



Cantilever Racking



Mobile Cantilever Racking



Vertical Racking



Shuttle Racking



Long Span Shelving

Get in touch with our friendly team today to explore how BHD can help to maximise your business' potential.

For additional product information/brochures and tailored quotations, contact us via the contact details below:

Email sales@bhdstorage.com.au **Freecall** 13000 RACKING **Website** www.bhdstorage.com.au