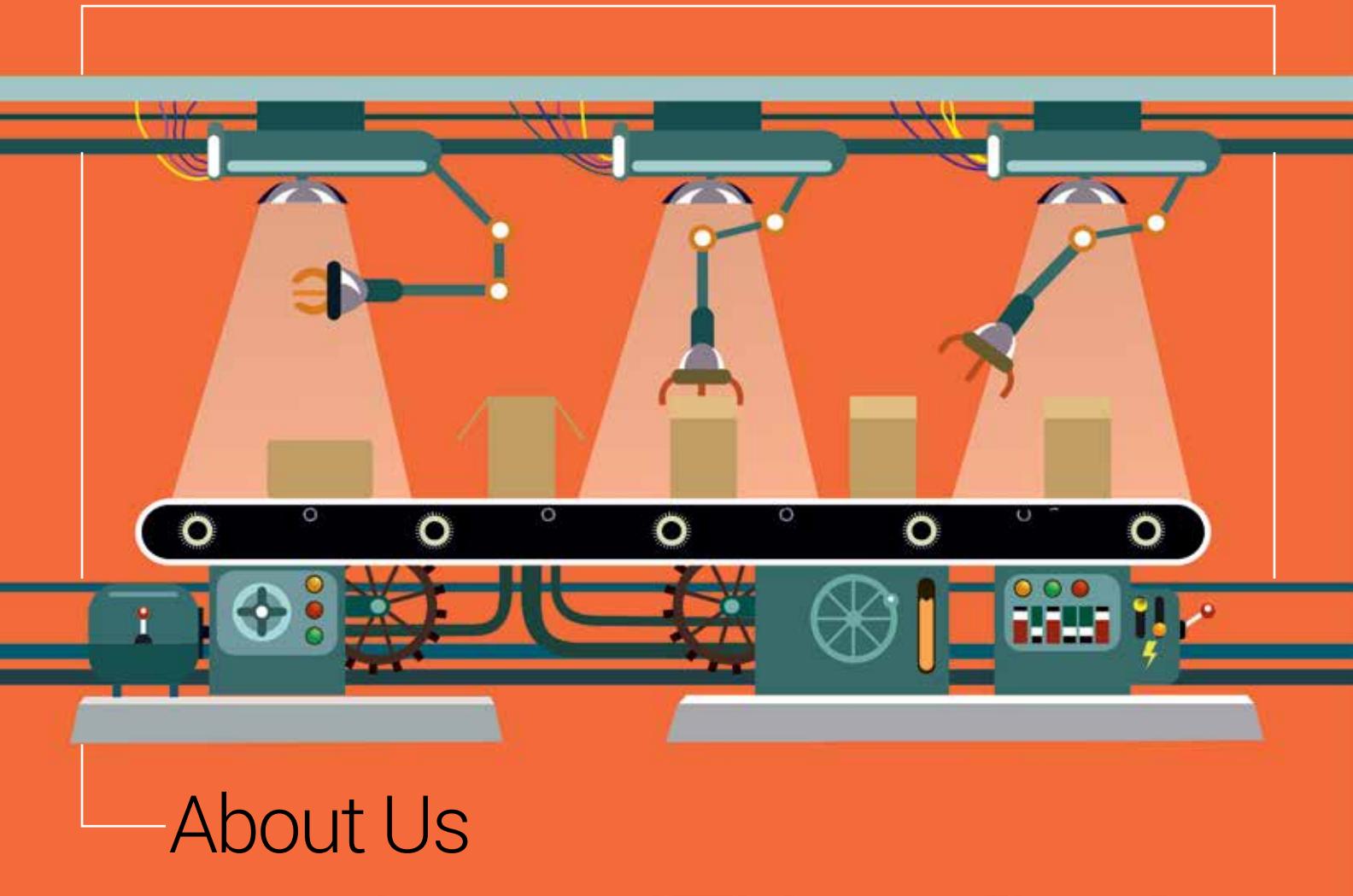


Future-ready  
**Warehouse**  
**Automation**  
Solutions





## About Us

Bricspac India Pvt Ltd is a Mumbai-based company that manufactures, assembles, delivers and services customized turnkey end-to-end next-generation warehousing automation solutions that suit the needs of industries competing in today's connected era.

Today, Bricspac is one among India's few warehouse automations solutions providers. We not only provide standard solutions, but also customize high tech machinery lines to meet the needs of the connected manufacturing era, also known as Industry 4.0.

With its manufacturing facility at Vapi, Bricspac now delivers products and solutions across the entire spectrum of the warehousing needs, with a high degree of localization, short turnaround times, and best-in-class installation and technical support.

Bricspac's range of products include high quality machinery for sorting, end of line packing, material conveying, loading and unloading, palletizing and depalletizing and customised automation solutions. Our range of machines have sustained success in increasing profitability by enhancing efficiency and optimizing manpower utilization for companies across ecommerce, retail, FMCG, pharmaceuticals, logistics, 3PL–4PL, food, and manufacturing sectors.

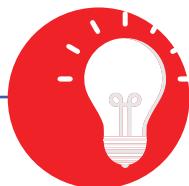


# Driving Forces

**DYNAMIC:** We keep up with the latest developments in the warehousing automation industry, and constantly review ways of how best we may adapt them to our offerings.

**CUSTOMER-CENTRIC:** We understand our customer's needs - and provide custom-fit solutions that are time, cost, resources and effort effective.

**COMMITMENT TO QUALITY:** In all that we do, quality ranks as our Number One priority.



## Why Bricspac?



Customer-centered Approach



After Sales Support



Pan India Operations



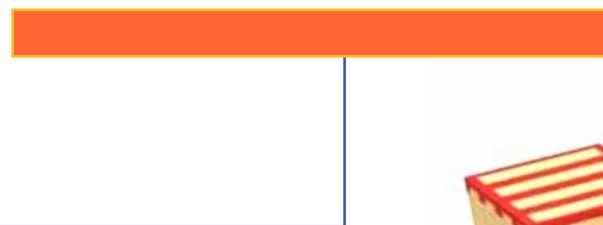
Custom-fit Turnkey Solutions





## WAREHOUSING INDUSTRY CHALLENGES:

- **High levels of dependence on manpower**
- **Lack of efficiency in operations and delay in movement of goods**
- **Increased investment in real estate**
- **High levels of breakage and errors**
- **Greater impetus on worker safety**
- **Growing need to integrate digitised solutions**



## THE BRICSPAC BENEFIT:

- **Fully customisable automated solutions** that will enable warehouses to reduce dependence on manpower, and move towards 'phygital' (physical + digital) work structures.
- **Higher throughput and increased efficiency in operations**, which would help companies to leapfrog into higher productivity, and increase time and cost savings.
- **Maximum space utilisation**, thanks to verticalized warehousing solutions – thereby allowing for minimal spend on real estate.
- **Bio-secure sanitisation** solutions for humans, goods and machines to ensure safe and secure work processes and client deliveries.
- **Zero-error, secure handling and sorting** for all goods, resulting in significant cutback on money and time lost and allowing for smooth delivery fulfilment.
- **Industry 4.0-ready, fully automated, custom-fit** solutions for warehouses of all sizes, scales and investment levels.



# Our Solutions

## PACKING AND SORTING SOLUTIONS

With shrinking timelines and zero-error delivery becoming a feature of warehousing operations, packing product at a higher speed with minimal errors is the need of the hour. Our packing and sorting solutions can help with sorting the boxes by dimensions, weight and locations, rejecting of boxes with inappropriate specifications, and help with getting the packed boxes to the desired locations.

### ● **Baggers**

Bagger machines of high output speeds and long uptime are available from Bricspac to suit the needs of customers in various sectors such as food and beverages, FMCGs and e-commerce. Automatic baggers of high accuracy and volumes are a perfect fit for upscaling your operations. Form, fill, and seal baggers are available in both vertical and horizontal formats and are customizable to fit the needs of any warehousing requirements.

#### **Products:**

##### **Form-Fill-Seal Machines:**

- Vertical FFS Machine
- Horizontal Flow Wrap Machine

##### **Band Sealers:**

- Horizontal Band Sealer- MS/ SS
- Vertical Band Sealers- MS / SS





### ● **Barcode Scanners**

Technologically mature warehouses are equipped with real-time tracking and end-to-end visibility. Barcoding and marking solutions from Bricspac are available at competitive rates on the go. Fulfilment is an ever-competitive necessity for modern warehouses where tracking every package at every stage of the workflow not only accelerates the delivery but also ensures customer satisfaction. Wireless barcode scanners are portable and reduce employee fatigue by empowering them with the ability to scan packages on the go. Thanks to its zero-error high visibility and trackability, a barcode scanner system is bound to increase a company's bottom line and credibility among its customer base.

## Dimensioning, Weighing and Scanning (DWS)

Every warehouse is different. They differ in the volume of cargo, in the level of automation, speed of handling, and data capture needs. Dimensioning, weighing, and scanning (DWS) methods are integrated systems that have now become standard in a modern warehouse. DWS systems meet all the demands of faster transportation and customer fulfilment and can be implemented swiftly. Modular, customizable, and affordable, DWS systems from Briscpac have dimensioners, scales, barcode scanners, software, and accessories that can be designed to suit the requirements. DWS systems fit the bill for compliance, measurement, and tracking for an error-free and fast delivery. Available in static and dynamic configurations for both regular and irregular dimensioned cargo, we help the customer choose the right fit by analysing their needs thoroughly.



## Auto Weigh Check & Reject



For a wide variety of conveyable packages of varying weights and dimensions, you need more than a pair of quick eyes to spot the under-dimensioned package and reject it promptly and stop it from reaching a miffed customer. With pre-set dimensioning and flexible design configurations, Auto Weigh Check & Reject solutions from Bricspac can be programmed to measure weights at any stage to decide on further courses of the journey for conveyed packages. Suitable for industries such as food, and grocery packaging among others, Auto Weigh Check & Reject solutions ensure quality assurance of the highest order to execute fulfilment journeys that are error-free.

## ● Sorters



A well-oiled sorting system forms the heart and circulatory system of a modern warehouse. Sorting is applied across all stages of warehousing from receiving, picking, packaging, and shipping. Sorters execute loading and unloading eches and boxes to and from machines and carts, handle conveyors, and approve or reject packaging. With high levels of automation possible, warehouse and distribution sorters from Bricspac are equipped to handle endless possibilities in sortation or items of great variety, dimensions, and variabilities, such as items per cart to suit specific requirements of the customer. Fragility, product geometry, material type, and sorting complexities are parameters that should decide the choice of sorters.

## ● Print & Apply Solutions

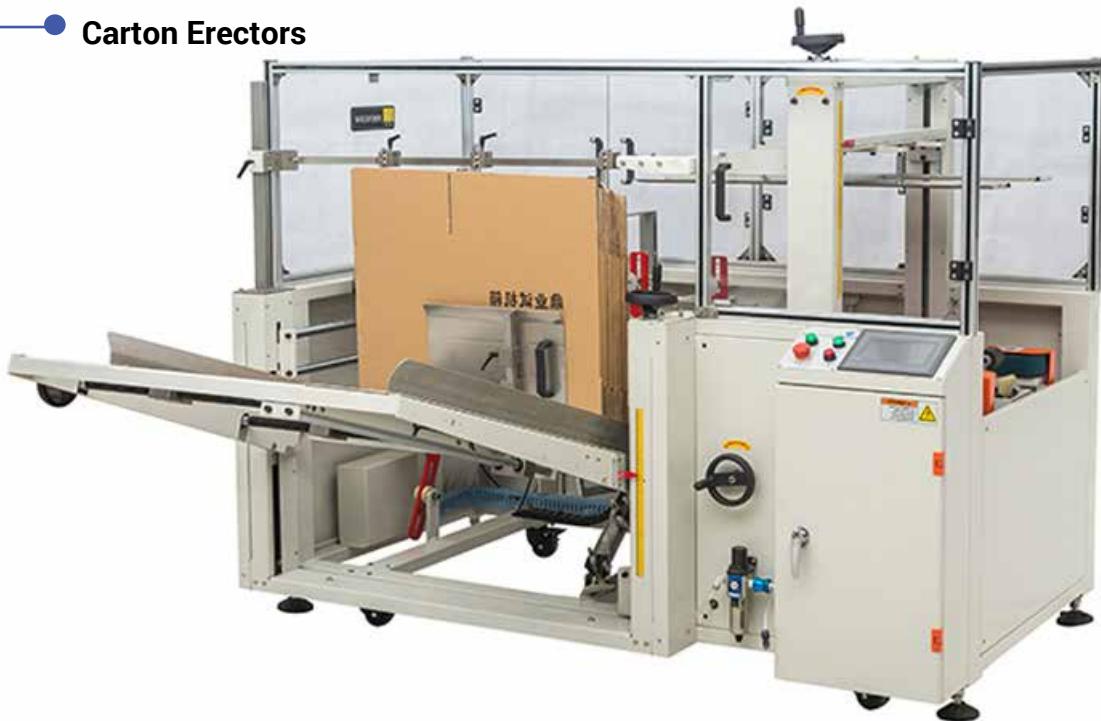
Bricspac provides end-to-end print and pack solutions for flexible packaging needs such as cartons, sachets, labels, pouches, foils, form-fill-and-seal packages, and packaging films. Extensively used in the food, dairy, and snack industry, our print and pack solutions have years of expertise behind the design, deployment, and servicing.



# EOL AND MATERIAL HANDLING SOLUTIONS

Quality is a defining feature of a business. Our End-of-Line and Material Handling machines are a one-stop solution for all your needs, from standalone applications to complex packaging systems. From transportation of full pallets of finished product from palletizers to stretch wrappers, from stretch wrappers to storage/staging, and from storage/staging to shipping, we ensure that every single step is completed with minimum damage, maximum time and cost savings and effortless efficiency.

## Carton Erectors



Carton erectors are automated machines that erect and seal the bottom of corrugated cardboard cases to give it a sturdy structure and tamper-proof and spill-proof holding capacity. Carton erectors are available in both vertical and horizontal configurations and can handle packages of varied dimensions. High-speed carton erector machines are available in sturdy construction and advanced features to handle high-speed packaging needs. Bricspac carton erectors can catapult any warehouse to a high throughput unit to effortlessly manage rising and fluctuating needs, such as during special sale events in the e-commerce industry.

## ● Auto Taping and Strapping



Auto taping and strapping machines perform the twin allied actions of taping and strapping cartons for safe and secure distribution. With adjustable strap widths and flexible cycle times and effortless loading and unloading operation, these workhorses ensure high throughput. Moreover, the range of Auto taping and strapping machines from Bricspac can be combined with other packaging installations, and the results are instantly palpable.

### Products:

#### Carton Sealers:

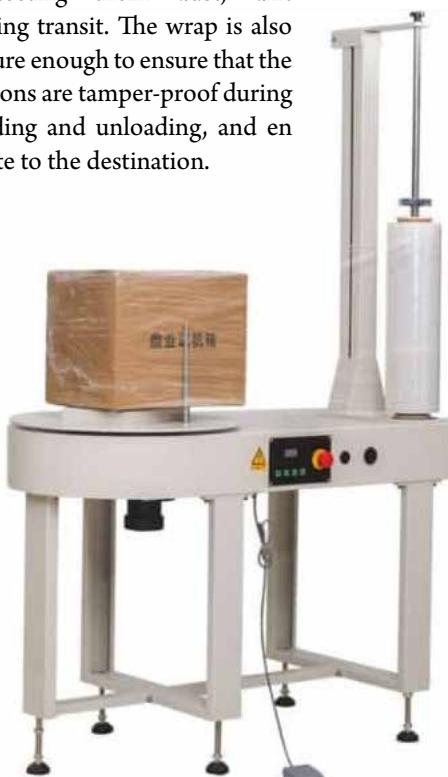
- Semi Automatic Carton Sealer
- Automatic Carton Sealer
- Automatic Carton Sealer with Flap Folder and Height Adjustment
- Automatic Carton Edges Sealer

#### Strapping Machines:

- Semi Automatic Strapping Machine
- Automatic Strapping Machine

## ● Box Stretch Wrapping Machine

Box Stretch Wrapping Machine are used for sealing cartons effectively and protecting them dust, dirt during transit. The wrap is also secure enough to ensure that the cartons are tamper-proof during loading and unloading, and en route to the destination.



## Auto Shrink Wrapping Machines

Shrink wrapping machines can be used for colating packets or to wrap boxes, thereby protecting them from pilferage and ensuring product safety during transit. Stretch wrapper machines can be used for protecting the cartons from dust and dirt during transit, and to ensure that the cartons are tamper-proof.



### Products:

- Semi Automatic Shrink Wrapping Machine
- Automatic Shrink Wrapping Machine

## Pallet Truck and Table Truck



With heavy-duty steel frames and powder-coated finish, hand-actuated pallet trucks and table trucks from Bricspac are essentials for any modern warehouse. While pallet trucks are nimble, and flexible for ergonomic handling by warehouse workers, table trucks offer stress-free operation for small height-lifting operations. Pallet trucks with higher degrees of automation are also available to suit the differing needs of the customer.

### Products:

#### Pallet Truck:

- Hand Pallet Truck - 2.5 Ton
- Hand Pallet Truck with Weighing Scale - 2.5 Ton

#### Table Truck:

- Scissor Lift Table Truck
- Electric Scissor Lift Table Truck

## ● Stackers

Bricspac provides both walkie stackers, as well as seated stalkers to warehousing, needs to stack cargo at various levels of storage. Stackers are effective replacements for fork-lifts and cost less than half of them, that make them best suited for economical up-gradation of warehouse handling. Stackers can either be manually operated or electrically actuated, with a high degree of flexibility with respect to the dimension of handling and movement. Stackers excel in a high degree of manoeuvrability and are easy to maintain too. Stackers are therefore the best fit to reach, retrieve, and stack pallets and boxes with smooth operation and complete control.

### Products:

- Manual Stacker
- Semi Electric Stacker
- Fully Electric Stacker



## ● Drum Handlers



Drum handling machines from Bricspac are efficient equipment used to move cylindrical loads such as steel drums, plastic drums, and barrels. Easily movable with a small turning radius and balanced structure, drum handling machines of varied capacities are available. The drum handlers are constructed with heavy-duty durable steel with a smooth powder-coated finish. These machines can either be hydraulically powered, or electric in nature. Drum rollers are not only used in industries such as oil and gas, but also in typical warehousing and staking applications. They also ensure ergonomic and safe handling and a spill-free secure material movement experience for the workers.

### Products:

- Manual Drum Handler
- Electric Drum Handler

## ● Aerial Work Platform



Aerial Work Platforms, also known as AWPs are elevated work platforms that help workers attain temporary height access to retrieve material and for repair and maintenance operations. These machines provide safe mobility options for efficient and quick reach and fixing of different warehousing and industrial needs. Easy to set-up, and ready in a jiffy, AWPs from Bricspac are effective solutions that are necessary for modern warehouses to tackle not just the regular upkeep work, but also to stay covered for the occasional emergency.

### Products:

- Goods Lift
- Self Propelled Scissor Lift

# MATERIAL CONVEYING SOLUTIONS

When it comes to material conveying, we provide customised turnkey solutions for varied industries and warehouse capacities. With time and effort now coming at a premium, our automated solutions are the best fit in terms of improving operational efficiency, ensuring optimal use of manpower and reducing damage and mishandling of goods.

## ● Belt Conveyors



The most commonly used form of conveyors are belt conveyors. Flexible and adaptable to various applications, belt conveyors are made of PVC, polyurethane, or silicone, and are powered by motors and drives. Type of loads, capacity, speeds, working environment and workers are some of the factors that should be considered before choosing the right belt conveyor solution.

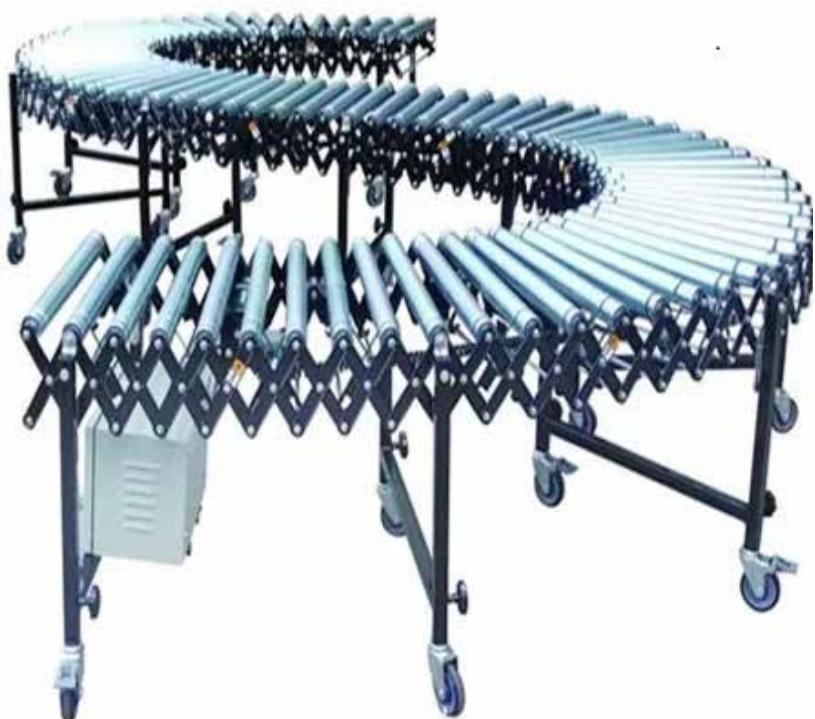
Flat belts, telescopic belts, incline belts, curved belts, timing belts, toothed belts, and special belt conveyors of non-standard dimension are among the types of belt conveyor solutions available.

## ● Roller Conveyors

Enormously flexible and thoroughly portable, flexible motorized roller conveyors can be set-up in a jiffy, especially for handling a vast variety of cargo at the loading and unloading docks. While the motors can be programmed to control the speed of operation and torque to move heavier items, these conveyors are made of robust steel parts that are durable and yet, affordable.

### Products:

- **Skate Wheel Conveyor**
- **Gravity Conveyor**
- **Flexible Motorised Roller Conveyor**



## ● Gravitational Conveyors

Also known as line-shaft conveyors, gravitational conveyors are a vastly used application in warehouses to move boxes of varied weights. Freely rotating rollers allow boxes to travel down by means of gravity, that explains the name of this solution. Run by a shaft below the rollers, gravitational conveyors are usually not powered, and are therefore economical, especially in high-volume, fast-moving applications such as modern ecommerce warehouses. Apart from increasing warehousing efficiency, gravity conveyors also increase throughput, and improves worker ergonomics. Typical applications include unloading boxes from trucks to the next phase of operation, and also in assembly and kitting areas.



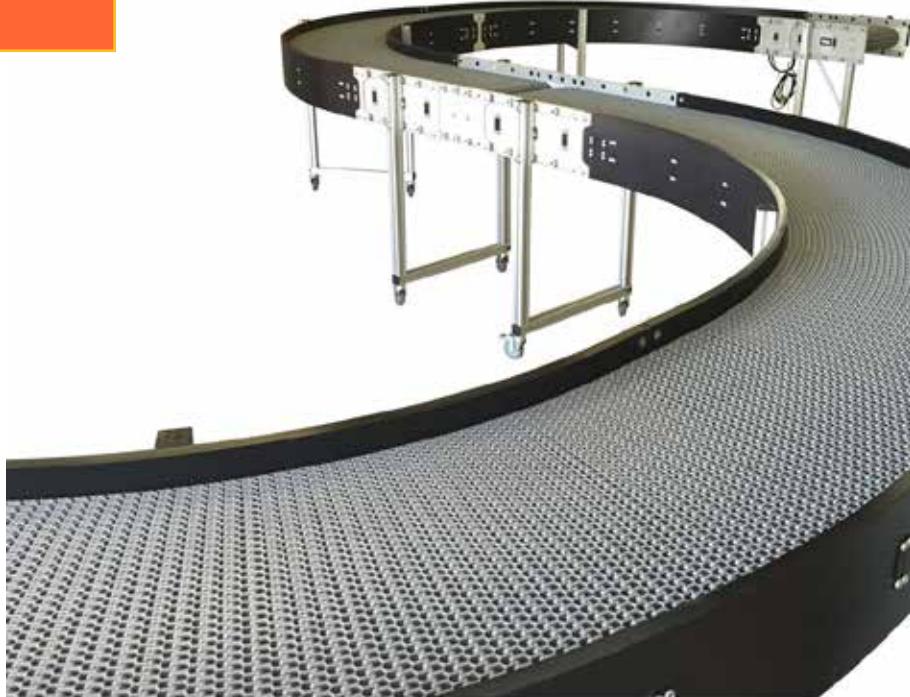
## ● Inclined Conveyors



Inclined conveyors are used in warehouses to bridge level gaps, and to enable in-house material movement across floors and mezzanine levels to perform various processes and sub-processes. They can be shaped in a variety of design structures, such as horizontal-to-incline-to-horizontal again, or in multiple levels. Built usually to handle boxes and items that are lightweight, small, and uniform, they are sturdy, built to last, and are preferred for shorter lengths and narrow runs in warehouses.

## ● Radius Conveyors

Our range of radius conveyors are built for maximum productivity by enabling curved conveyance in warehouses of varying dimensions. Designed to overcome spatial restrictions, these conveyors are adaptive and intelligent belt movement systems that are customizable and programmable to suit the needs of the customer. By virtue of its evolved design, unwanted catchments and dirt accumulation are eliminated. Being easy to clean, maintain, and upgrade, Radius conveyors from Bricspac are perfect to bridge gaps in material conveyance and expand productivity, or to function as standalone conveyance solutions.



## PALLETIZING AND DEPALLETISING SOLUTIONS

Much like a domino effect, time lost in palletising and depalletising will affect your operational efficiency multi-fold. Low speed, limited capability and downtime can cause the entire line to take a hit. Our automated palletising and depalletising solutions will be customised to your requirements, capacity and budget – with a guaranteed ROI in time and cost savings, and improvement in operational efficiency.

### ● Robotic Palletizing & Depalletizing Solutions



Robotic solutions offer ultimate quality control and end-to-end flexibility in palletizing and depalletizing requirements. Our solutions come with customizable tooling and configurations for the discerning customer who values time and efficiency in a high-volume high traffic application that also demands nimble functionality and short turnaround times. We are also equipped to handle upgradations and course corrections as required by the customer to suit the changing needs of the market.

## ● Gantry Palletizing & Depalletizing Solutions



Lifting heavy materials in-house with accuracy and safety is achieved by gantry systems that ensure damage-free handling in a modern warehouse. Gantry solutions can pick, move and place material that range from cases to layer picking of palletized boxes. Durable, stable, and quiet, our gantry solutions can be customized for industries such as FMCGs, pharmaceuticals, chemical, and e-commerce, to name a few. Its multi-functionality and flexibility packs more punch per square metre, offering great efficiencies that translate to profits.

## LOADING AND UNLOADING SOLUTIONS

Manual loading and unloading of goods and cases can translate to loss of time, higher wages and costs incurred due to damages. Be it small vans or a fleet of heavy-duty transportation vehicles, we have a line of loading and unloading solutions that can fit your product line, capacity and requirements – and effect time, cost and energy savings from Day 1. Our products can also be designed to fit with existing automation systems so as to ensure minimal disruption and maximum benefit.

### ● Telescopic Conveyor



We design and deliver customized telescopic conveyors to suit end-of-line operations that involve packaging and loading onto outbound logistics. Our boom extensions for telescopic conveyors can extend more than the original stationary length, making them compact and customizable. The positioning levels increase the ergonomic ease for the workers, and reduce repetitive strain injuries. Our conveyors are compact in design, easy to clean and require minimum maintenance.



## Flexible Motorised Roller Conveyors

Flexible motorized conveyors are highly mobile and extensively flexible customized roller conveyors that can handle a large variety of packages of differing sizes and dimensions that can be loaded on to trucks with effortless ease.

Built ground up with performance at the heart of its design, these conveyors are gravity rollers that can be stretched and repositioned to accommodate a multitude of needs in an industrial warehouse. They are heavy duty, and can handle changes in set-up easily, with minimal technology interventions, and can be handled by floor staff.

These conveyors bend and criss-cross existing layouts inside warehouses to connect the missing links in the warehouse flow, and helps increase the throughout and efficiency while being ergonomic at the same time. With control units, flexibility and expandability, Bricspac ensures that customers can adapt these conveyors to fit their last minor detail.



## Dock Levellers

Cargo handling at the entry and exit points of a modern warehouse should be flexible and intelligent enough to adapt to differing chassis heights of cargo trucks. A critical ingredient of the docking area, dock levellers allow smooth movement of staff, and material handling vehicles in and out of docking vehicles of various dimensions to expedite loading and unloading of cargo in a warehouse, avoiding all bottlenecks and breakages in handling and ensuring complete safety.

Hydraulically operated, our dock levellers elevate themselves or lower to accommodate varying vehicle heights. The operations can be handled with minimal tech support, as the system is robust, durable, built with high quality materials that come with long working hours and shortest downtime.



## ● Scissor Lifts

One of the most ubiquitous in aerial work platforms, scissor lifts are flexible hydraulic lifting motorized vehicles with railed platforms that are used in a variety of industrial applications. Scissor lifts from Bricspac offer long-lasting performance, thanks to the high quality construction. Our scissor lifts can endure long runtimes for extended hours, and ensure quiet, stress-free operation every time. Choose from multiple models with varying lift heights and dimensions to suit handle man and material elevation needs.



## CUSTOMISED AUTOMATION AND ROBOTIC SOLUTIONS

As warehouses look to bring together the twin conditions of faster turnaround times and error-free delivery fulfilment, it is time to bring in the robots. Our automated robotic solutions can increase efficiency and accuracy multi-fold, especially for routine tasks, thus making for leaner and faster operational cycles.

## ● Robotic Pick & Place

Robotic Pick & Place solutions use advanced vision systems and nimble programming to effortlessly handle repeat actions of picking and placing items in a modular way to augment the entire supply chain to ensure error-free delivery fulfilment.

Designed to reduce manpower, eliminate errors and achieve quantum leaps in productivity and accuracy, our Pick & Place robotic solutions are available for a variety of applications over the entire industrial spectrum. Our range of compact machines can be fit to function in tandem with your existing wares. Bricspac's robotic Pick & Place offerings have scored high on usability, and the end-user would need to waste no time in making our systems a part of their everyday functioning, with the least learning curves. Our programming and integration expertise can make a massive difference in your scheme of work through the stages of design, development, deployment, and integration.



## ● AGVs (Automated Guided Vehicles)

Automated Guided Vehicles are portable robots that tread a pre-determined path through visual, laser or magnetic pathways in order to move materials across different areas of a manufacturing facility without human intervention, to provide the most fluid, efficient, error-free, and streamlined movement of goods in facilities.

We set your factories in motion to produce a palpable improvement in your productivity and accuracy through our AGV offerings. Applicable in a broad range of industries, our AGVs have been time-tested, proven stable under a variety of applications and use cases, and priced to fit your budgets. With excellent controls and programmability, our AGVs provide high performance at reduced risk and variability to give you peace of mind, any day, any time.



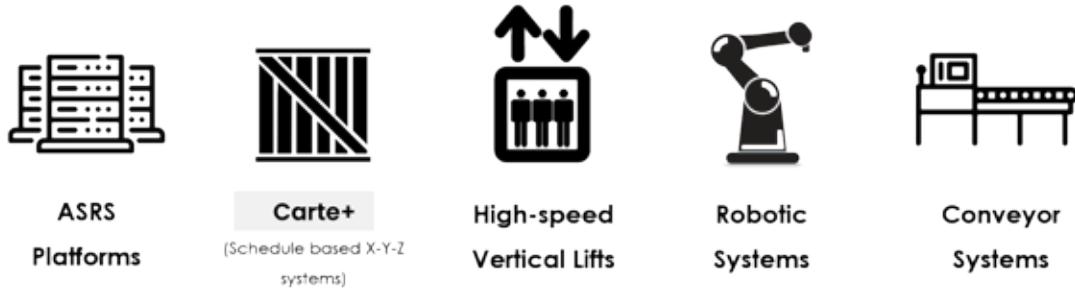
## ● End Of Line Automated Packing Solutions

The last mile of the fulfilment journey is the critical one – with our End Of Line Automated Packing Solutions, you can cross it with maximum ease and efficiency. Consisting of secondary packaging machinery that is required after a product is packed in a box, we help connect multiple machines in a seamless line of functions that will improve productivity, reduce wastage, boost packaging efficiency and eliminate human errors. The improved ergonomic design of the machines also ensure minimal strain on human workers and reduces risk of injury.

Based on your specific requirements, we can bring build and install turnkey solutions for complex end of line packaging for boxes, pallets, bags, e-commerce packing and sacs.



# Tech Partners



## Future-ready Warehousing Automation Solutions

Bricspac India Pvt Ltd manufactures, assembles, delivers and services customized turnkey end-to-end next-generation warehousing solutions.

Our range of products (sorting, end offline packing, material conveying, loading and unloading, palletizing and depalletizing and customised automation solutions) have shown sustained success in enhancing efficiency and optimizing manpower utilization for companies across ecommerce, retail, FMCG, pharmaceuticals, logistics, 3PL–4PL, food and manufacturing.

Bricspac, in collaboration with NextFirst Engineering, offers the latest technology in warehousing automation solutions to fast-track efficiency and effectiveness in your warehousing operations.

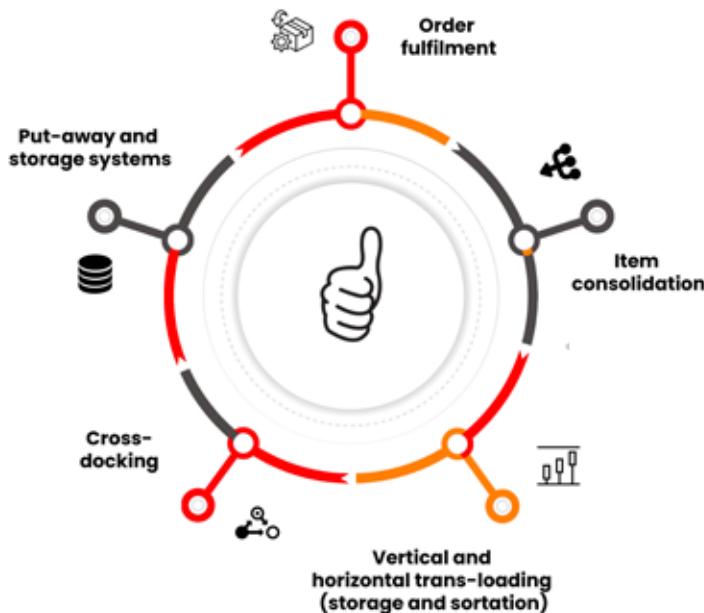
This enables notable improvements in top- and bottom-line performance of your warehousing business.

We offer a range of customised end-to-end warehousing automation solutions using a combination of

- ASRS Platforms
- Shuttle-based X-Y-Z Systems
- High Speed Vertical Lifts
- Robotic systems
- Conveyor systems

These solutions can be used for order fulfilment, item consolidation, vertical and horizontal trans-loading (storage and sortation), cross-docking, put-away and storage systems, and so on.

They help save floor space (> 50%), increase operator productivity (> 3X), save energy (>25%), increase throughput (>2x) and effectively use vertical space (up to 16 levels).



# SOLUTIONS FOR SUSTAINED SUCCESS

We are proud to share a list of our esteemed clients:



CENTURY RAYON



DELHIVERY



Reliance



TVS Logistics Services Limited





Bringing Industry 4.0 Solutions to Warehousing



207 Shanti Industrial Estate, SN Road, Mulund West,  
Mumbai – 400080.

**PHONE: +91-99208 24021 | EMAIL: [info@bricspac.com](mailto:info@bricspac.com)**

**[www.bricspac.com](http://www.bricspac.com)**