



BHARATQ CONVEYOR AUTOMATION PVT. LTD



ABILITY TO
CREATE

WHO WE ARE

We are a leading provider of conveyor automation solutions for a wide range of industries. With years of experience in the field, we have developed a deep understanding of the unique challenges faced by our clients and are committed to providing innovative solutions that help them achieve their goals. Our experienced team work closely with clients to design and develop customized conveyor systems that are efficient, reliable, and cost-effective. From initial concept to final installation and ongoing support, we ensure that our clients' needs are met and their expectations exceeded. With a focus on quality and customer satisfaction, we are dedicated to helping our clients improve their operations and achieve success.

INDUSTRIES WE SERVE IN



Automobile & Assembly



EV Industry



Warehouse & Distribution



3PL & Logistics



FMCG



E Commerce



Pharma & Chemicals



Food & Beverages



Apparel & Fashion





OUR MISSION

Our mission is to create better future days by efficiently converting power into motion and motion into more productivity to our esteemed clients



OUR VISION

Our vision is to provide perfect handling solution to our clients that help them to work more efficiently, more productivity in this 21's era, Where performance matters



OUR IDEA

Our Idea is to work efficiently and best in Quality for our clients



OUR VALUES



Innovation

Prioritizes creative thinking, experimentation, and continuous improvisation and stays ahead of the competition



Patience

Nurturing excellence with a patience approach towards automation advancements



Determination

With unwavering determination, we keep industries moving forward seamlessly



Focus

Excellence through focused commitment to quality and client satisfaction.



Discipline

Discipline propels our solutions to unmatched reliability and performance



Commitment

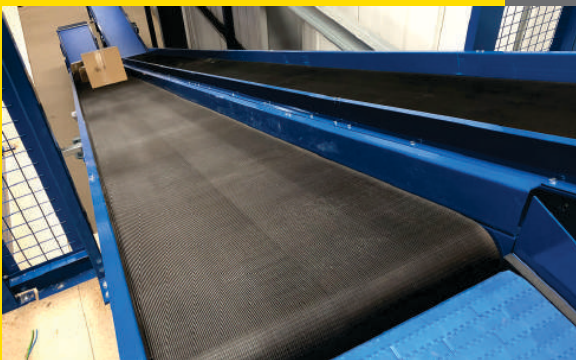
Unwavering commitment to delivering superior conveyor solutions with utmost dedication

BELT CONVEYOR



FLAT BELT CONVEYOR

Belt conveyors are mechanical devices that are widely used in industries to transport materials or products from one location to another. They consist of a continuous loop of material, known as the conveyor belt, which is supported by rollers or idlers at various points along its length. Belt conveyors can move large volumes of materials quickly and efficiently, reducing the need for manual labor and increasing overall productivity.



INCLINED BELT CONVEYOR

An incline belt conveyor is used when products must be transported upwards or downwards. A conveyor belt can be provided with carriers or high-friction belt material to ensure that the products do not roll down or slide. Inclined belt conveyors are commonly used in various industries, such as mining, manufacturing, agriculture, and logistics. They are suitable for transporting bulk materials, packages, and other goods between different levels within a facility. The incline angle can be adjusted to meet specific requirements and optimize the efficiency of material handling operations.

ALUMINUM BELT CONVEYOR

Aluminum belt conveyor refers to a type of conveyor system where the conveyor frame and structure are primarily constructed using aluminum materials. This design choice offers several advantages, such as lightweight construction, corrosion resistance, and ease of customization. Aluminum is naturally resistant to corrosion, which is particularly beneficial in environments where moisture or chemicals are present. This resistance helps to prolong the lifespan of the conveyor system and reduces the need for frequent maintenance.



CURVE BELT CONVEYOR

Curve belt conveyor, also known as a curved conveyor or a belt curve, is a type of conveyor system that is designed to transport materials or products around a curved path. It is commonly used in industrial settings, warehouses, airports, and distribution centers where there is a need to change the direction of material flow while maintaining a continuous conveyor line.



ROLLER CONVEYOR

FREE ROLLER CONVEYOR



Free roller conveyor systems are perfect for large zone controlled systems in assembly lines, warehouse situations or unit handling of pallets, totes and cases. It is a series of rollers supported within a frame where objects can be moved manual force. These conveyors are made from steel sheets, Having Height & Angle Adjustment for the needed movement of product.



MOTORIZED ROLLER CONVEYOR

Motorized Roller Conveyor systems are commonly used in assembly lines, warehouses, and material handling applications to move objects or materials from one point to another. They consist of a series of rollers mounted within a frame, which can be powered by motors or moved manually. Roller conveyors are often used for unit handling of items such as pallets, totes, and cases because they allow for smooth and efficient transportation of large or heavy items over long distances. They can also be designed with zone control systems to enable the separation and routing of items based on their destination or other criteria.

CURVE ROLLER CONVEYOR

Curve Roller Conveyors are designed for the operations that need to be transferred by changing directions. We use Taper roller for the smooth movement and spacing of product.



FLEXIBLE CONVEYOR

FLEXIBLE SKATES WHEEL

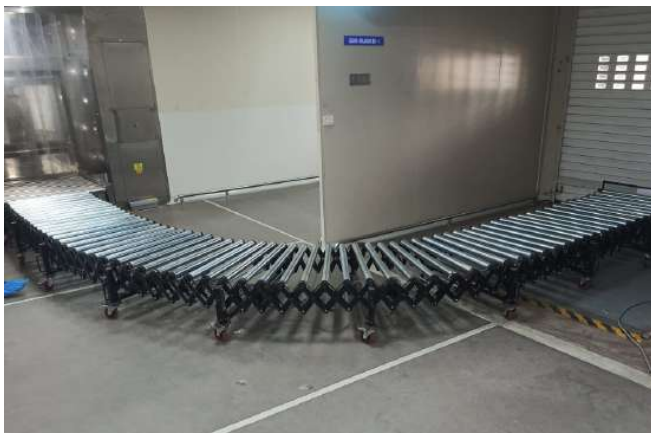


Flexible skate wheel Conveyor convey lightweight loads that have firm flat bottoms such as cartons, totes, cases, etc. Skate wheel conveyor “rolls” more easily than roller conveyor allowing for lighter packages and less slope. The individual wheels in the curve sections allow packages to track more so than roller conveyor.



FLEXIBLE ROLLER CONVEYOR

It is a portable conveyor used for handling odd size of boxes. Developed from premium grade raw materials, these conveyors are manufactured in a modularized design, where two sections can be connected to obtain the required length.



Motorized Flexible Roller Conveyor

This flexible powered conveyance system framework speeds up the mind boggling process of product receiving, shipping, and cross-docking with a flexible machine that works inside any facility-large or small to reduce costs, gain efficiencies, and further develop operations. Based on large, locking, durable casters, you essentially grow and configure the conveyor around your available space. At the point when not being used, the Flexible Powered Conveyor condenses for convenient storage.

MODULAR BELT CONVEYOR



MODULAR BELT CONVEYOR

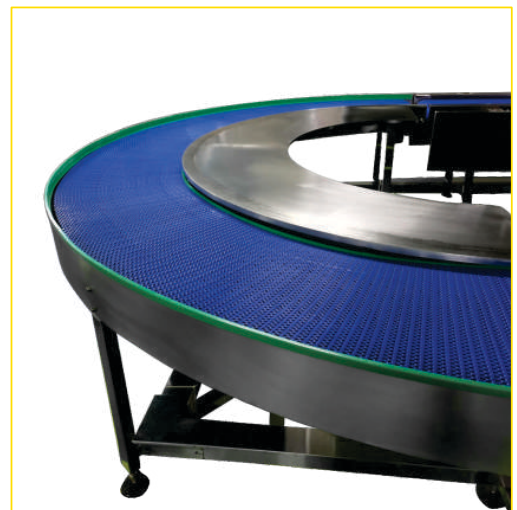
We are manufacturing a high-quality range of Flat Modular Belt Conveyors using SS and MS with powder coating for corrosion resistance and durability. Offering a variety of lengths and widths is a wise move to cater to diverse customer needs.

Additionally, ensuring the conveyors are rigidly tested on quality boundaries is a commendable step to provide a defect-free product to customers.

Modular belt conveyors are extensively used in manufacturing plants and production lines, Food and Beverage Industry, Logistics and Distribution, Warehousing and Storage, Automotive Industry, Pharmaceuticals and Healthcare, E-commerce and Retail, Airport Baggage Handling & Recycling and Waste Management.

It's available in various types :

- ✓ Flat modular belt conveyor
- ✓ Inclined modular belt conveyor
- ✓ Curve modular belt conveyor



MODULAR BELT CONVEYORS OFFER SEVERAL ADVANTAGES

- ✓ Flexibility
- ✓ Durability
- ✓ Easy Maintenance
- ✓ Hygienic
- ✓ Energy Efficient

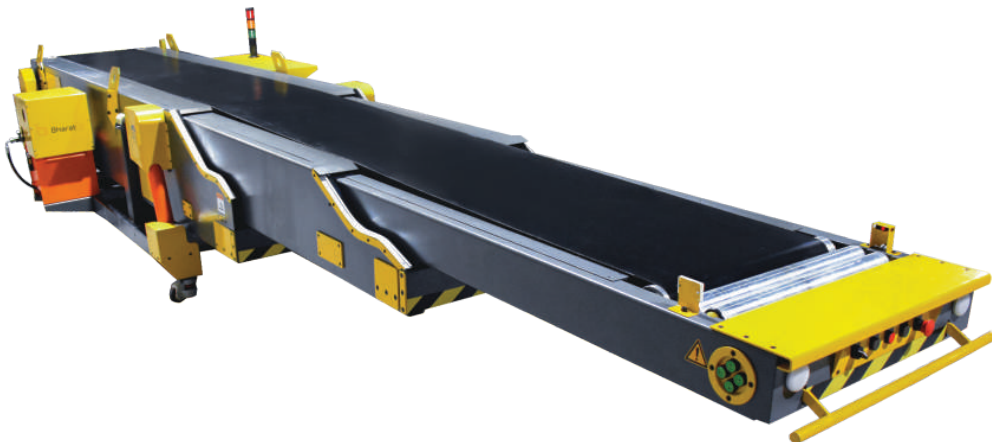
TELESCOPIC BELT CONVEYOR

BharatQ Conveyors offer a range of customizable telescopic conveyors that can be tailored to meet specific needs for loading and unloading trucks. These conveyors extend from the permanent transport to the nose of the truck trailer, making the process quicker, simpler, and more secure. By providing various lengths, widths, options, and accessories, BharatQ Conveyors can cater to a diverse range of material handling requirements. BharatQ committed to designing solutions that are customized to individual needs. In addition to the conveyors themselves, they offer a range of accessories and options that can further enhance the efficiency and safety of the loading and unloading process.

Telescopic belt conveyors are often used in warehouse, Distribution Centers, Retail Applications and E-commerce Fulfillment. Operations to load and unload goods from trucks, containers, or trailers. These conveyors can extend and retract, allowing them to reach deep into the cargo hold and efficiently transfer items to or from the vehicle

TBCs ATTRIBUTE FOR LOADING AND UNLOADING

- ✓ Save Time & Money
- ✓ Reduce Manpower
- ✓ Space Optimization
- ✓ Increase Efficiency
- ✓ Increased throughput
- ✓ Compact & Reliable Design
- ✓ Safety & Ergonomic Operations
- ✓ Wheels on Mobility
- ✓ Hydraulic Raise & lower
- ✓ Customization



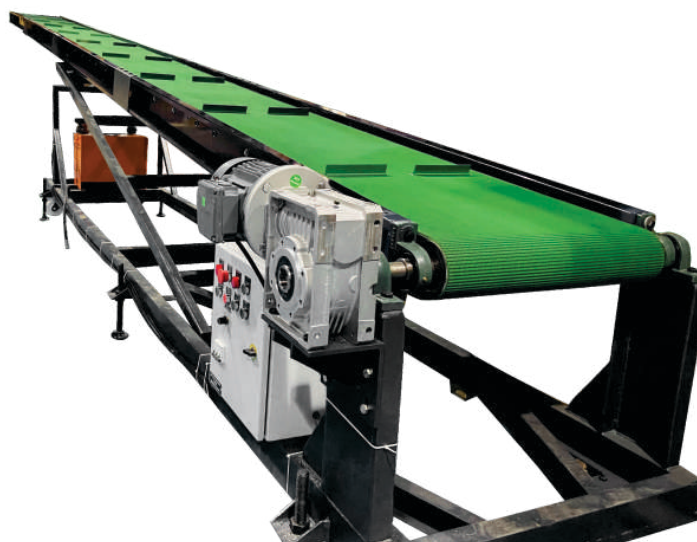
TRUCK LOADING CONVEYOR

Truck loader conveyors are widely used in various industries to load and unload goods onto and off trucks, containers, and trailers. These conveyors are designed to move items efficiently and with minimal effort, reducing manual labor and increasing productivity. The benefits of using truck loader conveyors include increased efficiency, reduced labor costs, and improved safety. These conveyors can also help reduce the risk of damage to goods during loading and unloading.



ADVANTAGES OF TRUCK LOADING/UNLOADING CONVEYOR:

- ✓ Increased efficiency
- ✓ Improved safety
- ✓ Reduces labor costs
- ✓ Versatile
- ✓ Reduced risk of damage to goods
- ✓ Saves space

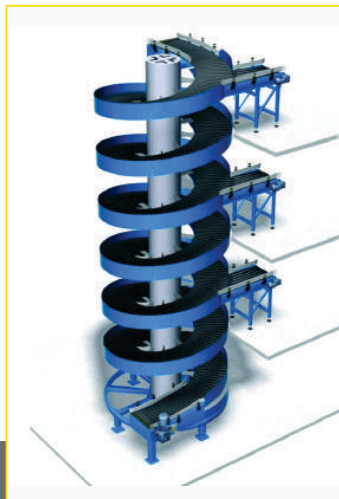
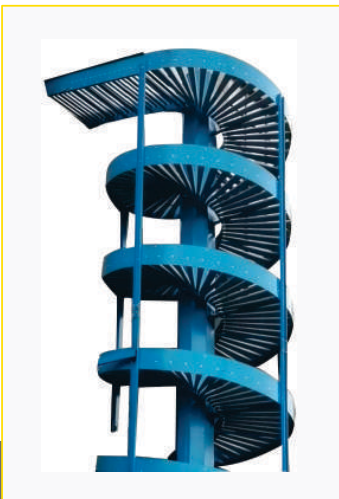
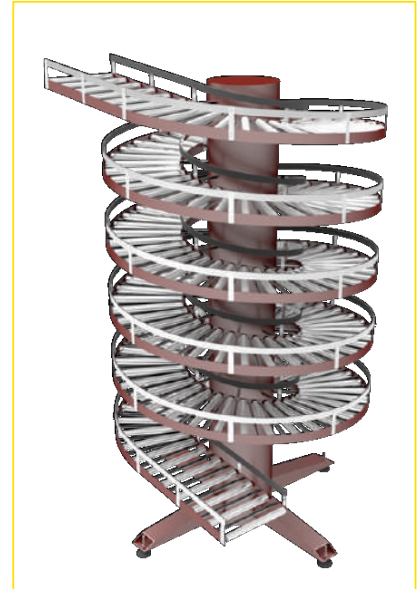


SPIRAL CONVEYOR

BharatQ Spiral Conveyors are a type of conveyor system that is designed to transport a wide range of packaged goods, including full and empty cartons, cases, trays, totes, and other similar items. They do this by using slat-type belts, rollers, and modular belts that are specifically designed to hold and transport different types of products.

BharatQ Spiral Conveyors are also designed to be reliable and low maintenance. They are made from high-quality materials, including powder-coated carbon steel and stainless steel, which makes them durable and long-lasting. They are also designed to operate quietly, which helps to create a more comfortable working environment.

Overall, BharatQ Spiral Conveyors are an excellent choice for businesses that need to transport a wide range of products efficiently and reliably. They are customizable to fit your specific needs and can be used in a variety of different industries, including food and beverage, pharmaceuticals, and manufacturing.



ADVANTAGES OF SPIRAL CONVEYOR

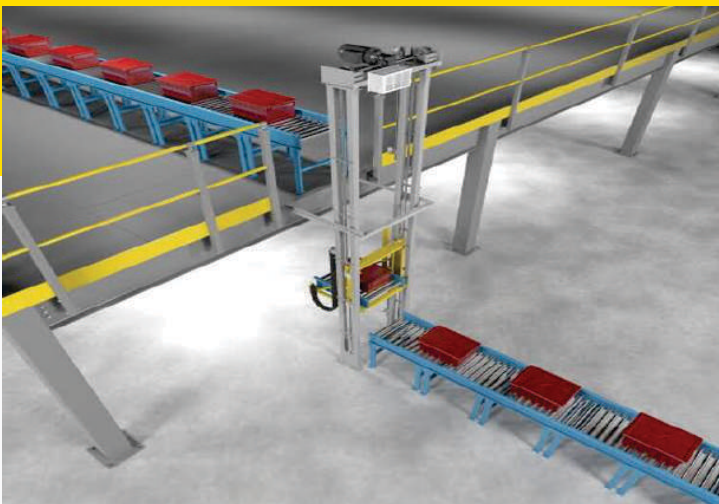
- ✓ Space-saving Design
- ✓ Continuous And Smooth Flow
- ✓ Increased Throughput
- ✓ Versatility
- ✓ Gentle Product Handling
- ✓ Configuration Flexibility
- ✓ Energy Efficiency
- ✓ Easy Maintenance And Sanitation

VERTICAL CHAIN CONVEYOR

A vertical conveyor is a machine which can be used to move products automatically from one level to another. In internal logistics, there are various ways for getting product flows up or down. A solution which is often used is the deployment of incline or lowering belts. When placed at an angle in order to bridge a height difference, such belt conveyors also have the advantage of covering a certain distance. A bigger distance over a smaller floor area can be bridged using a product lift or a vertical conveyor. A continuous conveyor or a discontinuous conveyor can be chosen as a vertical conveyor. Continuous conveyors can take the form of a spiral conveyor, an L-shaped conveyor or platform lift or a product lift fitted with a fork.

ADVANTAGES OF VERTICAL CONVEYOR

- ✓ Increased Productivity
- ✓ Cost Effectiveness
- ✓ Flexibility
- ✓ Customization Options



2W/3W ASSEMBLY CONVEYOR

We build completely coordinated 2W/3W Assembly Line Conveyor which empower proficient assembly of products while boosting the efficiency alongside quality. With the use of automation and robotics, you can significantly improve the efficiency and quality of the assembly line. By incorporating different types of conveyors such as slat conveyors, roller conveyors, and power and free roller conveyors, you can ensure that the assembly process is coordinated and smooth. Additionally, manipulators such as turntables, tilters, and lifters can be used to help with the handling and positioning of components, making the assembly process even more efficient. By integrating robotics into the assembly line, you can further automate the process and reduce the need for manual labor. By integrating this system into the assembly line, you can catch any issues early on and prevent costly mistakes. Finally, integrating the assembly line with the client's ERP system can further improve efficiency by allowing for real-time monitoring of production, inventory, and other important metrics. This can help with decision-making and resource allocation, ensuring that the assembly line is running optimally.

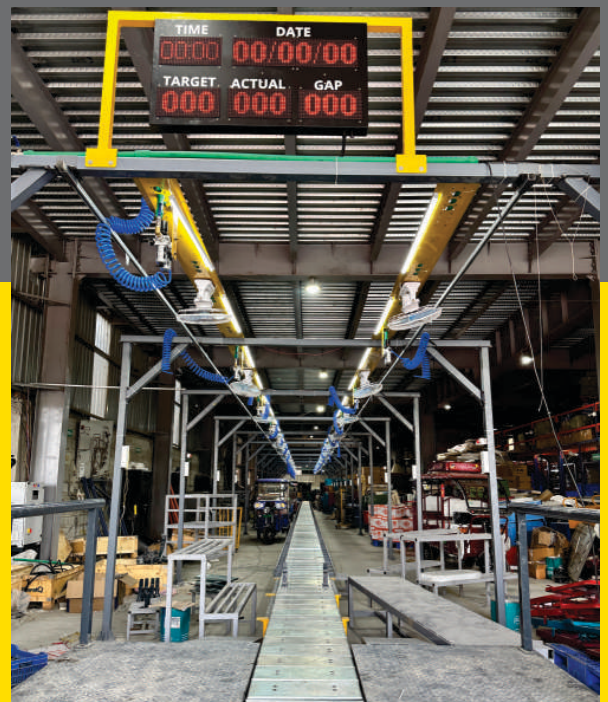
IN ASSEMBLY LINE AUTOMATION WE UNDERTAKE TURNKEY PROJECTS WHICH INCLUDES :

- ✓ Conceptualisation and design.
- ✓ Manufacturing & Assembly
- ✓ Testing
- ✓ Production monitoring and reporting systems

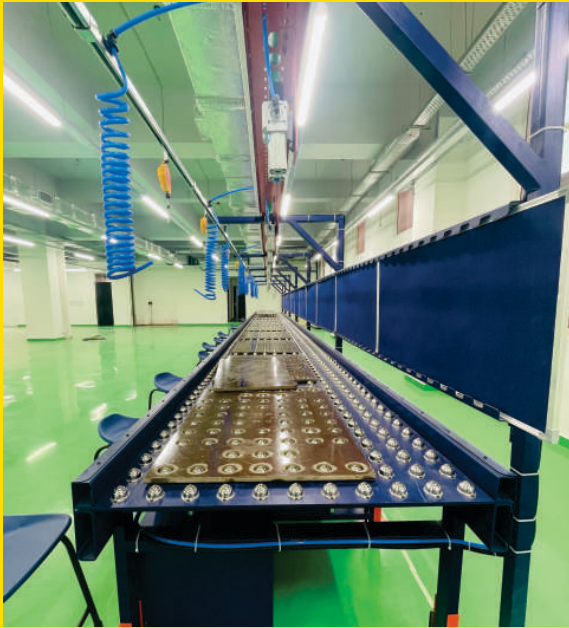


Advantages of Assembly Line Conveyor

- ✓ Increased Efficiency
- ✓ Improved Quality
- ✓ Cost Savings
- ✓ Customizable
- ✓ Scalable
- ✓ Data Collection



BALL TYPE ASSEMBLY LINE CONVEYOR



ADVANTAGES OF BALL TYPE ASSEMBLY LINE CONVEYOR

- ✓ Improved efficiency
- ✓ Increased productivity
- ✓ Consistent quality
- ✓ Enhanced safety
- ✓ Customizable design

BharatQ specializes in the design and manufacture of conveyor systems for assembly lines that are customized according to the specific requirements of customers. Our conveyors are designed and fabricated to meet the specific dimensions, conveying capacity, and operating conditions required for the material being conveyed.

Our product line includes Assembly Line Conveyors that are highly reliable, durable, and have a long service life. We have supplied the conveyors with 360 rotation table and pneumatic pop up cylinder to hold & keep the product in stationary position. The quality standards of our products are unmatched, and you have a modern infrastructure that allows you to complete large orders on a daily basis. As a result, our customers are highly satisfied with the quality of our products and services.

By automating the movement of materials along the assembly line conveyors can help to increase productivity and throughput, allowing manufacturers to produce more production in less time.



SLAT CHAIN CONVEYOR

Slat Chain conveyors are often used in industries where heavy-duty goods need to be transported over long distances, or in environments with high temperatures or other tough conditions. The slats or aprons that are mounted on the twin strands of drive chains provide a sturdy and reliable carrying surface for a variety of products, including glass bottles, PET bottles, HDPE containers, tetra packs, cans, and more. The slats can be made from different materials depending on the application requirements. Engineered plastic slats are often used for lightweight products, while galvanized carbon steel or stainless steel slats are used for heavier items or high-temperature applications. This allows chain conveyors to be customized to fit the needs of different industries and products.

In the beverage industry, chain conveyors are commonly used in bottling plants for soft drinks, juices, and beer. They are also used in distilleries and cosmetic filling applications. In addition, chain conveyors are often used in other industries, such as automotive manufacturing, food processing, and mining, where heavy-duty goods need to be transported efficiently and reliably.



ADVANTAGES OF SLAT CONVEYOR:

- ✓ Heavy-duty capabilities
- ✓ Customizable
- ✓ Low maintenance
- ✓ Versatility
- ✓ Energy efficiency



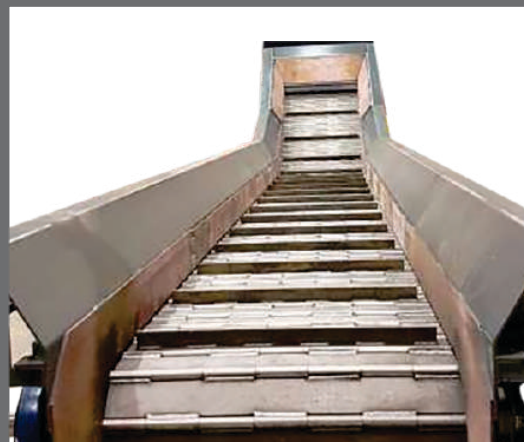
HINGE CONVEYOR



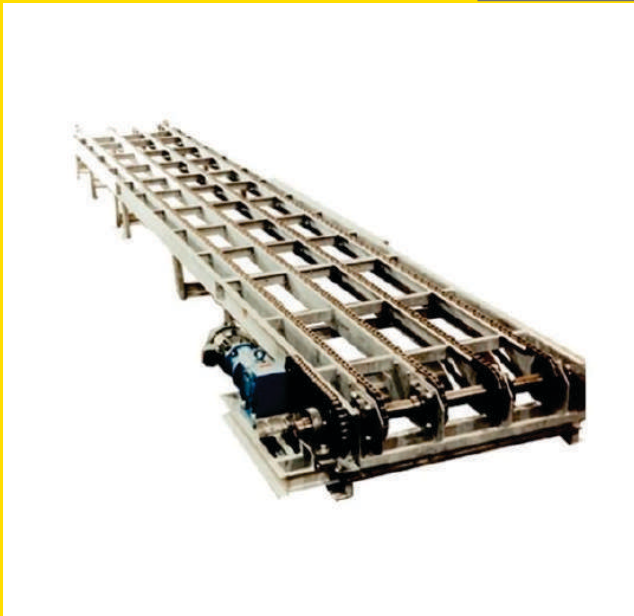
These conveyors are mainly used for machine and castings scrap. It's also called cleat type conveyors. It's nothing but a hinged belt attached with the chain on its surface to avoid any entangling of chips with the conveyors. We are reckoned as prominent entity presenting innovative designs of hinge Chain Conveyor. Owing to its continuous moving surface, the offered conveyors become the best choice for scrap handling lines.

Specification:

- ✓ Conveyor Chain Size 1.25 to 6 inch Available
- ✓ Conveyor MAX. Width is 1500
- ✓ Load Capacity: 5000kg
- ✓ Material: Steel



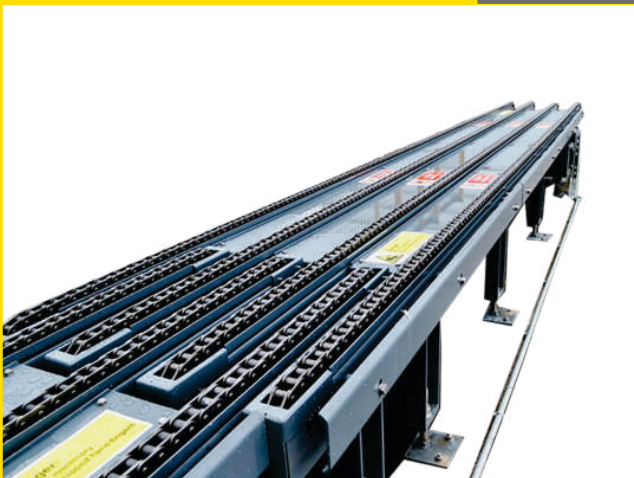
CHAIN CONVEYOR



Chain conveyors use slats or aprons mounted on the twin strands of drive chains as the carrying surfaces, ideal for applications like high temperature ovens, heavy-duty goods or other tough conditions. Slats are usually made of engineered plastic, galvanized carbon steel or stainless steel. These types of conveyors are used in the transportation of glass bottle, PET bottles, HDPE containers, tetra packs, cans etc. In soft drink and juice bottling plants, breweries, distilleries, cosmetic filling applications.

ADVANTAGES OF CHAIN CONVEYOR

- ✓ High load capacity
- ✓ Possibility to transport very wide or very long materials.
- ✓ Due to the gap between the individual branches, it is also possible to transport materials reaching the level of the upper conveyor branch.
- ✓ Conveyors are manufactured according to customer requirements, ie. "made-to-measure"
- ✓ The possibility of performing special technological or manufacturing operations directly on the conveyor (eg. blowing, degreasing, draining the oil into the tub under the conveyor, etc.)
- ✓ An optional number of branches according to the nature of the material being transported.
- ✓ The possibility of replacing individual chain links instead of replacing the entire chain.



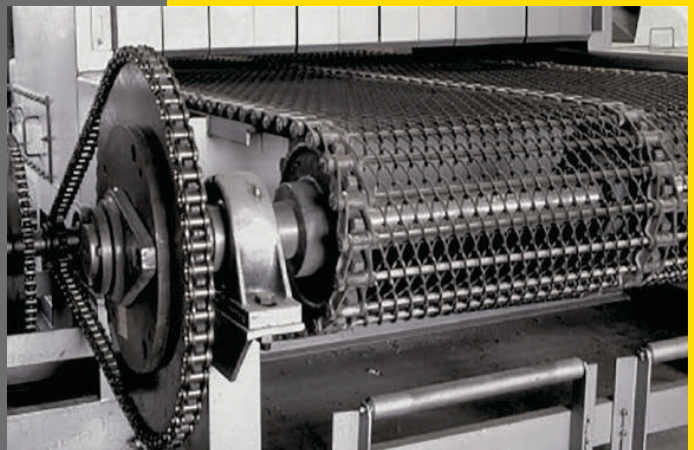
WIRE MESH CONVEYOR

A wire mesh conveyor, also known as a wire belt conveyor or wire mesh belt conveyor, is a type of conveyor system that utilizes a continuous belt made of interlinked metal wire mesh to transport various types of products or materials. The wire mesh belt consists of evenly spaced wires that are woven together to create a flexible and durable conveying surface.

Wire mesh conveyors are commonly used in industries such as food processing, automotive, electronics, and packaging, where the products being transported require ventilation, drainage, or a non-slip surface. The open structure of the wire mesh belt allows for the passage of air, liquids, and small particles, making it suitable for applications involving heat treatment, cooling, washing, drying, or any process that requires airflow.

Wire mesh conveyors offer several advantages that make them a popular choice in various industries. Here are some of the key advantages of wire mesh conveyors:

- ✓ Excellent airflow and drainage
- ✓ Versatility
- ✓ Non-slip surface
- ✓ Durability and strength
- ✓ Easy maintenance and cleaning
- ✓ High-temperature resistance
- ✓ Corrosion resistance
- ✓ Efficient product inspection
- ✓ Integration with other equipment



FOUR WHEEL OVERHEAD CONVEYOR



FOUR WHEEL OVERHEAD CONVEYOR:

Four Wheel overhead conveyors are a type of material handling equipment that are commonly used in manufacturing and distribution facilities to transport products or components from one location to another. They are designed with an open framework, which allows for easy customization and modification to meet specific production requirements.

The conveyor system consists of a track, trolleys, and a chain that runs along the track. The trolleys are fitted with four wheels, which allows them to smoothly move along the track, and the chain is used to drive the trolleys and transport the products or components.

There are different models of the four wheel overhead conveyor available in the market, including the Super Model and Mini Super Model, which have varying load capacities. The selection of the appropriate model depends on the weight and size of the product or component to be transported.



ADVANTAGES OF FOUR WHEEL OVERHEAD CONVEYOR

- ✓ High operational capacity and the ability to carry heavy loads
- ✓ Really robust and effective
- ✓ Can carry goods of various sizes, shapes, and weights
- ✓ Low upkeep costs and simple installation

I BEAM OVERHEAD CONVEYOR

BharatQ is a company that has developed an I-Beam overhead conveyor with advanced components that offer a cost-effective solution for material handling. Their overhead monorail conveyors are designed to provide the lowest "cost per lb. of capacity" of all overhead conveyors, making them a popular choice among manufacturers.

Types Of Ibeam Overhead Conveyor:- There are several types of I beam overhead conveyors available in the market, with varying load capacities and designs to meet different material handling requirements. Three common types of I beam overhead conveyors are:

X348 I beam overhead conveyor: This type of conveyor is designed for medium to heavy-duty material handling applications, with a load capacity of up to 6,000 lbs. The X348 conveyor uses a 3-inch high x 4-inch wide I beam, with trolleys that have four wheels to provide smooth and stable movement along the track.

X458 I beam overhead conveyor: The X458 conveyor is designed for heavy-duty material handling applications, with a load capacity of up to 10,000 lbs. It uses a 4-inch high x 5-inch wide I beam, and trolleys that have four wheels for smooth movement along the track.

X678 I beam overhead conveyor: This type of conveyor is designed for extremely heavy-duty material handling applications, with a load capacity of up to 20,000 lbs. The X678 conveyor uses a 6-inch high x 7-inch wide I beam, and trolleys with four or six wheels to provide stable movement along the track.

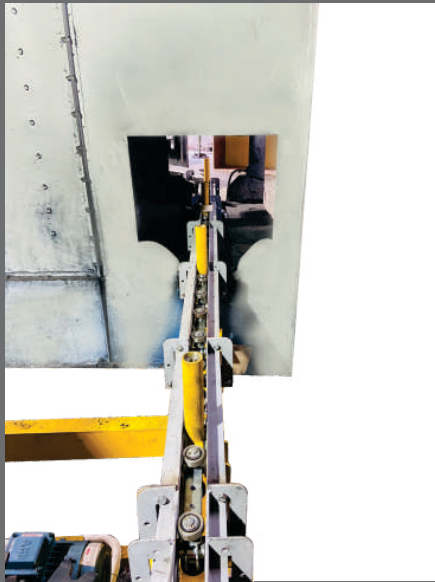


ADVANTAGES OF I-BEAM OVERHEAD CONVEYOR

- ✓ Free up valuable floor space by utilizing vertical space for conveyance
- ✓ Reduce travel time by transporting goods directly to operators
- ✓ Improve ergonomics and reduce lifting or bending by suspending parts from overhead conveyor for assembly processes
- ✓ Versatile solutions to support a variety of applications and processes

INVERTED FOUR WHEEL CONVEYOR

BharatQ is a prestigious manufacturer and provider of a wide range of four-wheel inverted floor conveyors. These conveyors are designed for easy operation and are cost-efficient. They have a track to the side of the conveyor for trolley movement. Our four-wheel inverted floor conveyors are capable of carrying loads up to 50 kg with single point hooking, and up to 100 kg with the assistance of a load bar. The chain is available in 6", 8", 10", and 12" pitch, giving your customers the flexibility to choose the chain size that best suits their needs.



ADVANTAGES OF INVERTED FOUR WHEEL OVERHEAD CONVEYOR

- ✓ Flawless finish
- ✓ Easy handling
- ✓ Attractive color combinations
- ✓ Elegant appearance
- ✓ Is less flexible for sharp corners / turns
- ✓ Can carry only medium loads
- ✓ Layouts of much longer lengths can be installed
- ✓ Hanger / loads are more balanced due to bi-planar wheel alignment

DIVERTING AND SORTING CONVEYOR



BharatQ sorters designed for adaptability, conveyor sortation can help with arrange items from different infeed lines adding considerably more noteworthy efficiencies in distribution activities. Different conveyor innovation help to consistently keep up with item stream for additional arranging, filtering or satisfaction processes.

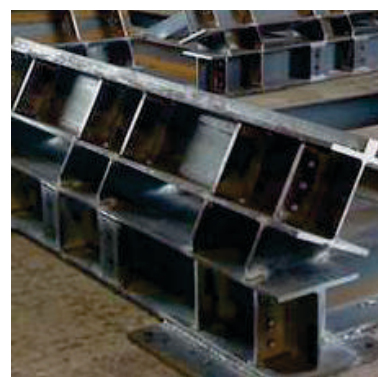
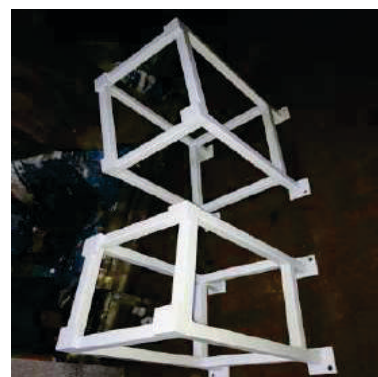
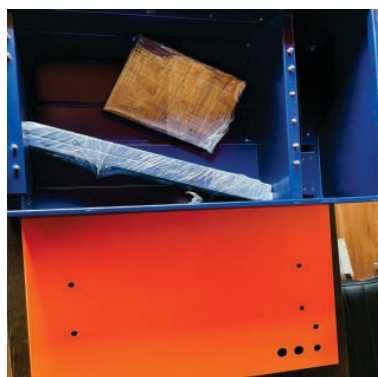
Sorters are the best answer for isolating items from in-feed transport lines to delivery paths, palletizing tasks, pressing stations and other sortation applications. Sorters are flexible and can sort an extensive variety of item sizes and loads to various redirect paths.

TYPE OF SORTERS

1. **PUSHER SORTER**
2. **SWIVEL SORTER**
3. **LINEAR ARM SORTER**
4. **TILT TRAY SORTER**
5. **POPUP SORTER**
6. **SWEEP SORTER**



FABRICATION WORK



OUR CLIENTS



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