

Raj Conveyors

Conveyor Systems & Solutions



Company BROCHURE

Raj Conveyors has been providing solutions to its customers since 1999. We are one of the leading manufacturers of conveyors in India.



ABOUT US

Raj Conveyors Specialized in solution concept Design, Supply and installation of Conveyors. We give solutions meeting the needs of companies throughout the Country. We are based in Hyderabad. Our products are known for their high Quality, dependability, durability and timely delivery. We offer solutions for a variety of products weights and sizes that include accumulation, sorting, transport pallet handling and more.

Our focus is on the economical, safe and secure transport of parcels and general cargo from incoming to outgoing goods. Our products are driveless conveyor elements which enable the space-saving, vertical transport of your conveying range

CUSTOMERS



OUR PRODUCTS



FLEXIBLE GRAVITY CONVEYORS



FLEXIBLE ROLLER CONVEYORS



TELESCOPIC BELT CONVEYORS



SPIRAL GRAVITY ROLLER CONVEYORS



CURVE CONVEYORS



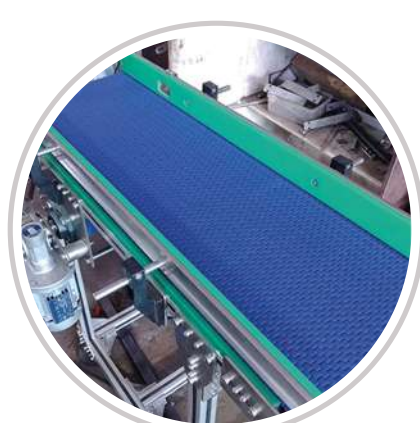
PVC BELT CONVEYORS



LOADING & UNLOADING CONVEYORS



FLEX LINK CONVEYORS



MODULAR BELT CONVEYORS

TELESCOPIC BELT CONVEYOR

Telescopic belt conveyor (telescopic loading machine) is widely applied in various industries, it could be freely adjusted the working length in need during the working time. The height of extension end could be adjusted as well to match other sections of package loader. The bidirectional working allows the automatic loading and unloading of material production, and package transferring.



Product Features

1. It is applicable to logistics express, port, dock, station, airport, warehouse, mine, post and telecommunications, electrical appliances, light industry, food, tobacco and other industries.
2. It can meet the delivery of goods in various venues because of variety of models and specifications.
3. Belt speed can be adjusted according to demand and the adjustment range is wide, so it can meet the needs of all kinds of strength conveying .
4. Simple operation, suitable for long distance goods transportation, time saving, so it can effectively reduce the input of human resources.
5. Stable equipment performance, low maintenance cost, equipped with an independent access port, easy maintenance.
6. Various customization functions are available: highly customized, lifting system, height and length hump, DWS system, etc.
7. Home delivery, professional team installation, and on-site training & operation.
8. The body color can be customized.

Telescopic Conveyor: Telescopic Flexible belt conveyor is used for loading and unloading of goods. Hydraulic Movement for Up and Down to inside the truck for stacking. It Saves Time Loading and Unloading, improves efficiency and Reduces manpower thorough use of the conveyors. Used for transfer Parcels, poly bags and carton Boxes.

Types Of Industries: E commerce, Tyre, Textile, FMCG, Pharma, Beverages and Logistics etc.

Application: Corrugated Boxes, poly Bags, Tyres, Totes, crates, Textile bags.

Extended Boom Lengths Available models: 40 feet, 32 feet and 22 feet.

Width: 600 mm and 800 mm.

Weight: 50 kgs per meter maximum.

SPIRAL CHUTES

Spiral chutes are used to bridge relatively large height differences in confined spaces with the option of several feeds, arranged opposite or one above the other.

Spiral chutes are developed, designed and manufactured individually according to your specific needs. The conveying height and direction can be varied by a modular design, and the coil diameter and pitch as well as the dimensions of the inputs and outputs are variable. The active sliding surface is pressed three-dimensionally with gentle transitions for particularly smooth and noiseless transport of packaged goods.



Gravity Spiral Chutes:

Used for Movement of the goods from floor /mezzanine to ground floor only down word movement.It will save time for transferring the goods from floor to floor, where the space is constraint,it saves power as it works on Gravity

Can be used for Ecommerce parcels, Airport Bags, Bags and Corrugated Boxes.



Types Of Industries: : E Commerce, FMCG, Airports, Pharma, Beverages and Racks

Application: E commerce Parcels, Airport bags, Bags and Corrugated Boxes.

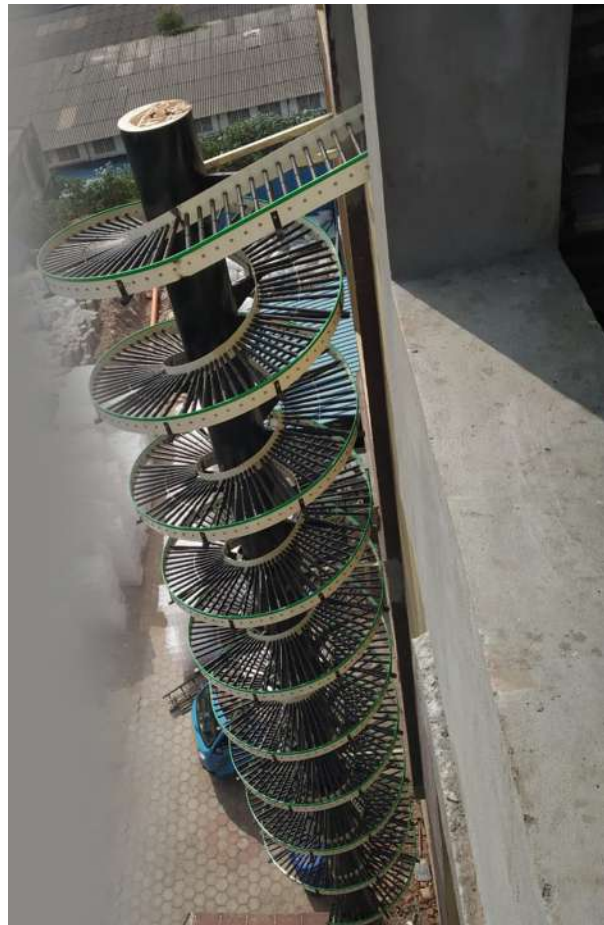
Lengths : more than 5 meters. Customized length and direction of infeed and out feed are available.

Width: 900 mm

Weight: 2 to 50 kgs

SPIRAL ROLLER CONVEYOR

Spiral Roller Conveyor: Where the space is constraint this type of conveyor can be used to transfer goods from one floor to another. We can install in any no. of Floors, will save time for transferring the goods from floor to floor, It saves power as it works on Gravity.



Types Of Industries : E commerce, FMCG, Pharma, Beverages and logistics.

Application : Carton Boxes /Plastic trays & Toats only

Length : more than 5 mtrs. Customized length and direction of infeed and out feed are available

Sizes : completely customized as per your Box sizes.

Width : 600 mm to 1200 mm

Carrying capacity of each item : 25 to 60 kgs

FLEXIBLE SKATE GRAVITY CONVEYOR

Flexible Gravity Conveyor: Used to transfer the Corrugated boxes from one place to another with gravity, it works on Gravity takes any angle 0-360 degrees and it is used for loading and unloading in various industries. It works on Through gradual decrease in the height and gravity is achieved.



Models : Plastic Skate wheel and steel skate wheels

Industries: FMCG, Pharma, E commerce logistics and beverages and any production oriented were carton boxes and crates as there FG.



Advantages:

Collapsible ratio : 1:2.5 (50 feet will be compressed to 21 feet)

Saves time : Work can be done easily

Power saves: works on Gravity so it saves power

Improves Efficiency: improves labor efficiency by 100%

Movable: Movable wheels at the bottom

Rotates: Any degree 0 to 360 degrees rotation

Disadvantages:

Flat surface: preferable use in flat surface on ground

Bottom Flat surface: Bottom should be flat in surface

Gravity: Works only in gravity way.

Max Length: Not more than 60 feet can be used.

Application: Corrugated Boxes

Available width Sizes: 500 & 800 mm, custom size can be manufactured on demand

Weight: 20 to 25 Kgs each Corrugatedboxes can be carried on the conveyor

FLEXIBLE ROLLER GRAVITY CONVEYOR

Flexible Gravity Conveyor: Used to transfer the Corrugated boxes and crates from one place to another with gravity, it works on Gravity takes any angle 0- 360 degrees turnings and it is used for loading and unloading in various industries. Through gradual decrease in the height gravity can be achieved. Where the weight of the boxes are more than 50 kgs rollers are used

Types: MS roller and SS rollers



Advantages:

Collapsible ratio : 1:2 (50 feet will be compressed to 25 feet)

Saves time : Work can be done easily

Power saves: works on Gravity so it saves power

Improves Efficiency: improves labor efficiency by 100%

Movable: Movable wheels at the bottom

Rotates: Any degree 0 to 360 degrees rotation

Disadvantages:

Flat surface: preferable use in flat surface on ground

Bottom Flat surface: Bottom should be flat in surface

Gravity: Works only in gravity way.

Max Length: Not more than 60 feet can be used.

Application: Corrugated Boxes

Available width Sizes: 500 to 1200 mm, custom size can be manufactured on demand

Weight: more than 50 – 100 kgs Corrugated boxes can be carried on the conveyor

FLEXIBLE POWERISED ROLLER CONVEYOR

Flexible Powered roller conveyor: Conveyor used for transferring crates and Corrugated boxes from one place to another. Mostly in E commerce and logistic industry is used



Types Of Industries: FMCG, Pharma, E commerce logistics and beverages

Lengths : Any Length

Width: 600 mm ,800 mm& 1000 mm

Application: Parcels, crates and Corrugated Boxes.

Weight: 2 to 50 kgs

TRUCK LOADING AND UNLOADING CONVEYOR

DOCKLESS CONVEYORS

Truck L/UL conveyor: Used for loading and unloading of Goods these Z type conveyor is used where there is difference in truck and the loading bay has the difference. It is adjusted to the Height of the truck. Hydraulic Height adjustment is provided to adjust as per the convenience.

Models Types: Hydraulic and non-hydraulic Z type conveyor



Types Of Industries: FMCG, Pharma, Beverages and logistics.

Lengths : 13 feet

Width: 600 mm, 700 mm and 800 mm

Application: Corrugated Boxes and Crates

Weight: 50 kgs per feet

BELT CONVEYORS

Belt conveyor is an economic logistics conveying equipment which constitutes a rhythmic assembly line. According to its conveying capacity it can be divided into heavy belt conveyor such as mining belt conveyor, and light belt conveyor which is widely used in logistics express, electronic plastics, food and light industry, chemical medicine and other industries.



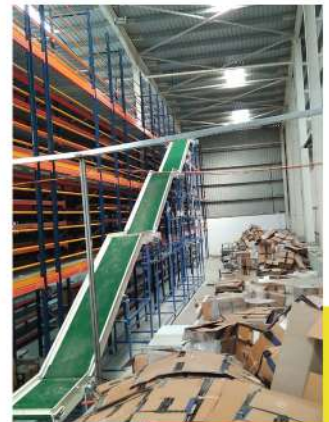
Types : Modular, Slat, PVC, PU Belts

Industries: FMCG, Pharma, Beverages, Logistics and Airports

Sizes: Customized sizes as per the customer requirement.

Weight: As per the Customer requirement

Application: Crates, Corrugated Boxes, Poly Bags and packing materials



Product Features

1. The belt conveyor is a machine that drives by friction to move materials in a continuous manner. It is mainly composed of frame, conveyor belt, supporting roller, drum, tensioning device and transmission device. It can put the material on a certain conveying line and form a conveying process of the material from the initial feeding point to the final unloading point. It can not only carry out the transportation of broken and loose materials, but also can carry out the transportation of packaged materials. In addition to carrying out pure material transportation, it can also be matched with production process of various industrial enterprises to form a rhythmically flowing line.

2. The belt conveyor is mainly composed of two endpoint rollers and a closed conveyor belt tightly covering the rollers. The roller that drives the conveyor belt is called the driving roller (transmission roller), the other that changes the working direction of the conveyor belt is called turnabout roller. The driving roller is driven by the motor through reducer and drives belt running by friction. The driving roller is usually installed at the unloading end to increase the traction force, which is helpful for dragging. The material is loaded by the feeding end and falls on the rotating conveyor belt. It is driven by the friction of the conveyor belt to be discharged from the unloading end.

3. The belt conveyor is suitable for long-distance material handling. The excellent designed structure makes it work in low power consumption and very easy to maintenance. It is convenient to carry out programmed control and automatic operation.

OTHER TURNKEY PROJECTS

We also Undertake Turnkey Projects like

- 1) Logistic Solutions
- 2) Airport Baggage Handling
- 3) Finished goods transfer from Packing area till truck Loading by reducing the labor.
- 4) Improving the processes
- 5) Solutions for Loading and Unloading.
- 6) Handling Projects from Secondary Packing
- 7) Raw Material Handling like Poly Bags and packing material
- 8) Inclined Conveyors to shift the material to top floor, top to down.
- 9) Finished goods transfer from Packing area till truck Loading by reducing the labour.
- 10) Improving the processes
- 11) Solutions for Loading and Unloading.
- 12) Airport Baggage Handling
- 13) Logistic and ecommerce Projects.
- 14) Handling Projects from Secondary Packing to palletization
- 15) Raw Material Handling like Poly Bags and packing material to N floors
- 16) Inclined Conveyors to shift the material to top floor, top to down.



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