

# ADVANCE EQUIPMENT COMPANY

## Who we are?

Advance Equipment Co. is a leader in manufacture of Conveyors, conveying systems and conveyor accessories. Since it's inception, Advance Equipment Co. has been keen on Customer satisfaction and has demonstrated an unwavering dedication to understanding conveying needs of businesses.

For Almost 3 decades we have been creating & supplying innovative, customised conveyor solutions that've helped our Clients to achieve their goals. We're in supply of single equipment as well as comprehensive conveying system. What ever your needs, our Company provides a SOLUTION.

## Why choose us?

**High on quality –**

Our products and equipments meet the highest standards of quality and are designed in accordance to specific site requirements.

**Every order is a Project -**

We undertake any job as a project and dedicate fullest attention to it be it a single conveyor complex Integration of conveyors. Treating each order as an individual project. Management of both cost and schedule, driven to ensure that it is "On-time" and "Within budget." To meet this target, our staff of qualified project technicians with vast experience and competence, each specialized in a particular sector, will support our customers during each phase of the project. A project engineer will move the project forward each step, continually monitoring for quality, technical specifications and design excellence.

We've successfully implemented multiple projects in India & Globally. Advance Equipment Co. maintains

strict standards to ensure every machine is compatible and designed as per international norms which in turn ensures trouble free performance for years to come.

We, at Advance Equipment are a highly customer-oriented organization and we strive to ensure we meet our customers' expectations by delivering value based products, systems and solutions every single time.

***Our Core Competency :*** Is Engineering Design and Manufacturing of high technology and innovative conveying lines for different industrial sectors.

***Our Belief :*** The constant and consistent investment in our R&D is based on the Company's belief that it is essential to :

- 1) Exceed our Customer's needs and expectations.
- 2) Be an outstanding supplier in terms of "Value Addition" offered to our Customers.

***Our Team :*** Our sales team and project engineers assist our customers to work-out conveying needs and design and implement the best solution for every specific application. Our design and manufacturing team ensure we deliver the desired quality product every single time.

Our customer service team is highly competent & professional. We provide 24 X 7 assistance all across the length and breadth of our country, India. From Jammu to Kanyakumari, Mumbai to Guwahati.

**Our Vision:** Quality Leadership through Products, Projects, Processes and People.

***Our Mission :***

- 1) Customer focused approach.
- 2) Continuous Product & Process innovation.

## **Our Products -**

We design and develop conveying systems for various Industrial application such as FMCG , Food, Pharmaceuticals, Edible oil , Heavy engineering , Automobiles etc..

We provide from single conveyor to large multi-conveyor systems, from input raw material to finished goods warehousing, conveyors that integrates the Complete Manufacturing process

### **Roller conveyor –**

These are made in two versions viz. Powered and Non powered.

As the name suggest, these are made using drive motor (powered) and without motor (Non powered)

These conveyors are suitable for Flat bottom products, cartons, trays, drums, barrels, crates etc  
Capacity varies with roller diameter and conveyr width. A roller conveyor could be straight running or decline downwards @ 4 to 5 degrees



**Rollers driven by PVC belt**



**Rollers driven by chain**



**90 degree bend**



**Non powered roller conveyor**



**Idle roller conveyor**



**Powered roller conveyor**

### **Belt Conveyor –**

Belt conveyor comes in two major versions viz. Flat bed and troughed bed

**Flat bed conveyor –** In this case the belt is supported on a firm bed consisting of folded sheet casing or roller bed.

The belt is always flat on top. Typical installations included handling or various cartons, small products, powders, granules, gunny bags etc

**Troughed bed conveyor –** In this case the belt is supported on three rolls from below forming a trough type belt top shape. These belts are used in Bulk solids handling

A belt conveyor could be straight, inclined upwards or decline downwards as per requirement @ 25 to 30 degrees



**Flat Belt conveyor**



**Flat Belt conveyor**



**Flat Belt conveyor**



**Inclined Cleated belt**



**Belt with cooling fans**



**Conveyor with partition**

### **Chain Conveyor –**

Chain conveyor as the name suggest uses a solid pin / bush type chain as a carrying member for conveying the

Goods. The chains are placed parallel to each other at required distance and product is directly placed on this chain.

Typical installations could be pallet handling, drum handling and similar heavy application.

### **Elevator Conveyor –**

Goods elevating conveyors commonly known as 'Elevator conveyor' are preferred choice over inclined Belt conveyors or any other means of conveyor due to it's following advantages.

- Compact design.
  - Less space requirement as it utilises verticle space rather than horizontal floor area.
  - Faster and safe transfer of material.
  - Versatility – Can be safely used to handle cartons, boxes, bags, small iteme etc.
  - High load carrying capacity.
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- Less conveyor length as compared to inclined or any other conveyor.
  - Low maintenance cost.
  - Can be easily integrated with loading & un-loading conveyor lines.



### **Slat Conveyor –**

This type uses a slat in addition to the chain Conveyor. This means the two parallel running chain (as in chain conveyor) are connected together via a folded metal sheet to form a flat surface on top side. Typical installations could be Consumer goods handling, heavy and hot metal handling, two wheeler industry etc.

### **Screw Conveyor –**

Helical screw flightings are formed as per requirement and welded to a pipe making what is called a screw.

These screws are enclosed in a tight casing or troughs and the screw is held on both side in bearings. The entire assembly is air tight. This conveyor can also be jacketted for use in product cooling or heating application.

Typical applications could be Process industry, Pharmaceutical, Cement etc.

### **Conveyor accessories –**



Accessories included rollers, chains, Rotary airlock valves, Slide gates, Stoppers, lifters, weighing systems, integration units, dampers, side guides etc.

All the above conveyors are manufactured in various material of construction like

Mild steel – Powder coated or spray painted

Stainless steel – SS 304, SS 316, SS 316L, SS 310 in dull buffed finish

Aluminum – Extruded Aluminum sections

Plastic – PVC etc

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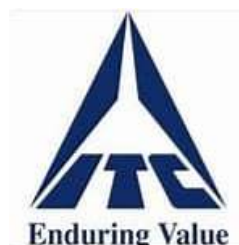
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