Our Products – Conveyors



Belt Conveyors & Accessories

Belt Conveyor is a custom designed & engineered for total reliability and capable of handling a wide variety of bulk materials for various applications and also suitable for handling certain corrosive materials.

Standard Belt widths offered ranging from 400 mm to 2600 mm as per CEMA / IS standards. However, intermediate Belt widths are also supplied as per customer requirements.

Components like Idlers, Idler Frames & pulleys are confirming to CEMA / relevant standards are also supplied in various configurations to suit different duty conditions..

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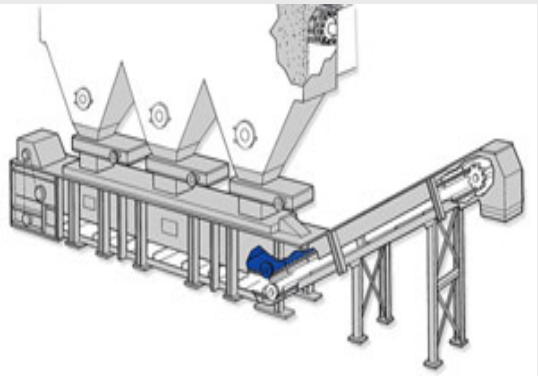


Submerged Conveyors

Submerged Belt Conveyors is meant for Hot Ash collected from travelling grate of Boiler furnace. Is collected directly into water filled trough, wherein a moving belt is installed to take out Wet Ash from the trough.

A process wheel is employed at entry & exist point of belt to hold the belt in it's troughed shape. These process wheels are free to rotate by moving belt to avoid friction & thus damage to belt.

The trough is either fabricated from thick plates with suitable stiffners or can be provided in casting as per client's requirement.

Our Products – Conveyors



Screw Conveyors

HI-TECH makes horizontal / inclined as well as vertical screw conveyors based on CEMA / IS standards and also, with troughs designed for dust-tight construction.

Screw Conveyors are bulk material transporting devices capable of handling a great variety of materials which have good flow-ability and takes up very little space aside from the necessarily occupied by the moving stream of material . Standard Screw diameters are offered ranging from 100 mm upto 1250 mm (or) as per customer's requirement

Our Products – Conveyors



Slat Conveyors

HI-TECH Design & Supply Slat Chain Conveyors which are efficient in moving the materials from one place to another place.

It is generally used in PROCESS INDUSTRIES and are capable of transport bulk commodities of light, Medium & Heavy applications like Bagasse etc

Our Products – Conveyors



Tripper Conveyors with Bunker Sealing Arrangements

These customized , stationary conveyor systems are designed for large volume stockpiles on limited footprints like inside storage or a small section.

With intermediate discharge points, users can unload material on either side of the conveyor, create custom heights, lengths and locations for multiple different piles.

Our Products – Conveyors

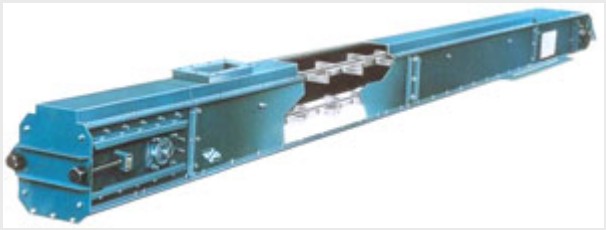


Shuttle Conveyor

Shuttle Conveyor is self propelled type. The whole conveyor & its support is mounted on wheels which can move to and fro to certain distance on a pair of rails. This conveyor is used where the conveyed material is required to be discharged at number of points but one after another, because it can be affected only at a time.

Depending upon the overall length of the conveyor and its structure, quantum of load that the conveyor carries there may be a one / two / three sets of driving wheels which are driven by electric motor and gear box. Shuttle conveyor will be required to fill different bunker; to feed different conveyors; to divert the material from one part to another part of the plant

Our Products – Conveyors



Drag Chain Conveyors

A scraper flight conveyor consists of metal, wood, or plastic flights attached at uniform intervals to one or two strands of endless chain which moves the flights along in a trough, the chain or chains passing around sprockets at the end of the trough.

Material can be discharged at any point along the trough through gates or at the end

Our Products – Conveyors



Masse Conveyors

HI-TECH design & supply En Masse Conveyors as per customer requirements.En Masse principle of conveying is both unique and highly efficient. It has got Horizontal Chain Conveying & Inclined / Vertical Chain Conveying system.

En Masse Conveyor can be installed with bend sections enabling horizontal-to-vertical(or)horizontal-to-inclined configurations. Chain Conveyor designed for open-trough, fabric-filter dust collectors. The action of the return chain moving across the Hopper has live bottom effect which ensures a smooth, continuous flow of material into the conveyor.

Coal and Limestone materials have a surcharge angle. Hence, en masse conveying is well suited.