



Caliber Interconnect Solutions[®]

— design for perfection —

ISO 9001: 2015 Certified

*Conveyor
Systems*

Conveyor Systems

- Caliber has been designing and building automated conveyor solutions for diverse industries.
- Our unique designs have attracted the attention of various customers, who have been relying on us for all their automation needs in designing and deploying conveyor systems, ranging from a simple gravity conveyor to a sophisticated computer-controlled system in a timely, in a cost effective manner meeting the rigorous safety and quality standards ,on par with global best-practices.
- We offer custom built Intelligent conveyor system which does more than mere transportation, by becoming an integral part of the production flow to continuously adopt and to optimize the process flow which in turn results in much vaunted improvement in the productivity for our customers.
- Our conveyors systems of the following types have been widely recognized for their robustness and reliability.

Conveyor Systems

Types of Conveyors

- Belt conveyors and roller conveyors
- Chain conveyorsystem
- Slat conveyorsystem

BELT & ROLLER CONVEYOR SYSTEM

Description

- From incoming goods to warehousing and from warehousing to production lines and for transferring finished product back to warehouse, belt conveyors are dependable material handling system.
- Curve, straight path, inclined conveyors possible. All these varieties can be integrated to form a composite layout.
- In addition separators, diverters, lift station can be integrated due to the modular construction.
- The frame structures can be customized for variable loads and can be offered in parallel, power quoted, galvanized steel. For special application stainless steel is also used.
- Arrange of accessories like extensions, side guides, safety covers, sensors mountings etc is available and can be adapted/customized as per application.
- Belt of various materials, composition and strength can be used suitable for the product being handled and the working environment.

BELT & ROLLER CONVEYORSYSTEM

HIGHLIGHTS

- A Conveyor system is suitable for transferring unit loads.
- Suitable for cartoon boxes, crates, bins and bags.
- Specialty belt conveyor available for tyre industries.
- Suitable for assembly lines.

FEATURE

- Wide range of width, length and load capacity
- Tailored to layout requirements.



BELT & ROLLER CONVEYORSYSTEM

BENEFITS

- Modular design
- Easy to re-arrange /modify layout as per requirements
- Low maintenance
- Cost effective

APPLICATIONS

- Warehouse supply and distribution
- Tyre handling
- Packing lines
- Carton box handling
- Pallet /crate handling
- Shower tester for automobiles.
- Assembly lines



Description

- The industry today is under tremendous pressure to increase their productivity to meet the global demands and thus stand out in competition.
- The automatic and semi-automatic chain conveyor systems significantly contributes to meet these demands for the automotive, manufacturing and engineering industries.
- The chain conveyor is used for transportation of empty or loaded pallets, assembly operation etc. They can be customized to various lengths, widths and heights and can be installed on a floor, flush to the floor or under the floor level.
- Different speeds are available to suit specific requirements of the customer.

CHAIN CONVEYORSYSTEM

HIGHLIGHTS

- A Conveyor system for palletized application.
- It can be synchronized with other material handling system
- Jigs , fixtures ,dolly and pallets are offered as a part of system
- Suitable for assembly lines in automotive and white goods industry.

FEATURE

- Used in palletized system.
- Pallet can be stopped for working at defined locations.
- Useful to handle any size of pallets.



CHAIN CONVEYORSYSTEM

BENEFITS

- Simple and clean system
- Can be combined with other material handling system.
- Cost effective

APPLICATIONS

- Pallet handling conveyors.
- Engine assembly lines.
- Transmission assembly lines
- Various sub-assembly lines.

SLAT CONVEYOR SYSTEM

Description

- These are extremely robust and reliable system with capabilities to deliver dependable performance for a long period and are designed to offer minimum down time and cost on maintenance. The conveyors are used for wide industrial applications right from raw material handling to finished goods handling and management.
- They are extensively used at various stages in the manufacturing and assembly processes in automobiles and engineering industries.
- The slat conveyors have slats attached to double stand steel side bars with bushed & bearing roller chains and are available in all width ,lengths and heights to suit different applications as per the customers requirements.
- The conveyors can be made flushed to floor level to facilitate hindrance free man movements. The operators can walk along the conveyor lines during operations, thus saving on the process cycle time and contribution to increase in productivity.
- Specially designed slat conveyors are used for unique applications like for hot metal handling for shower tester lines and inspection lines in car manufacturing, Wherein suitable: metallic and non metallic belt material are used to avoid war page avoid war page ,rust and corrosion of the belts

SLAT CONVEYORSYSTEM

HIGHLIGHTS

- A Robust and reliable system for variety of applications
- Can handle unit weight up to 10000kgs
- Extensively used in assembly & production, shower and inspection lines.
- Special belts are used to avoid rust and corrosion

FEATURE

- Type of slat is determined by size, weight & properties of product conveyed.
- Offers a continues moving surface to which clamping fixtures can be provided to accommodate the items.
- Speeds determined by production rate & set by preceding & following operations tailored to layout requirements.
- Conveyors are available in different width & Conveyors known for long production life & least amount of maintenance & repair.

SLAT CONVEYORSYSTEM

BENEFITS

- All steels construction & robust & Quiet operation
- Can handle multiple products
- Wide slat facilitates man movement along with conveyor
- Long life of chain and lower maintenance & Easy to modify the fixture parts to suit changes in the products handled

APPLICATIONS

- Vehicle assembly lines..
- Engine ,Transmission ,Axel & other sub assembly line.
- Car shower leakage testinglines.
- Cartoon box handling & Hot metal handling.
- White goods assembly / Inspection line. Inspection
- Lines.



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