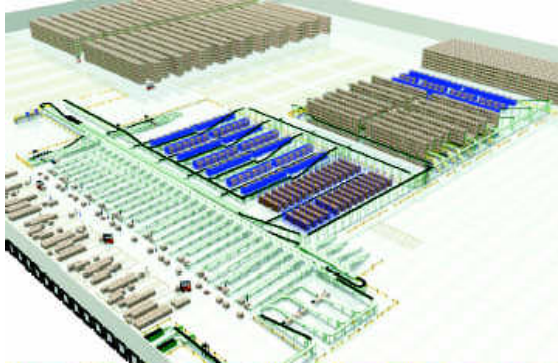


Conveyors & Automation

YOUR EXPERT AUTOMATION INTEGRATOR



ASAP's Automation Services

ASAP prides itself on being a single source for the integration of advanced automation technologies. Through years of practical experience we have learned how best to deploy specific technologies to meet your business requirements.

A partial list of automation that we integrate includes: Pick-to-Light, Carousels, AS/RS, Voice Directed Picking, High Speed Sorters, Small Item Sorters, Freight Manifesting In-line Scales, Label Applicators, RFID, AGV's and SGV's, Robotics, Vision Scanning Systems etc.

Conveyors

Horizontal Conveyors

Slider Bed, Roller Bed, Live Roller, Chain Roller and Gravity Conveyors Accumulation – Min Pressure & Zero Pressure Conveyors



Slider Bed Conveyor

The with built-in guard rails is ideal for overhead conveying applications. It easily conveys boxes, cartons, cases, bags, etc. as well as loose parts



Roller Bed Conveyor

The RB is designed to move heavier unit loads. Roller bed design reduces belt friction and provides greater capacity. Applications include: assembly, inspection and packing operations.



Live Roller Spool Conveyor

The live roller spool conveyor is a general transport conveyor with the capabilities of accumulating products with back-pressure. Quiet operation, versatile design, easy installation and maintenance make this conveyor a valuable component in operations requiring high performance with minimal downtime.



Accumulating 2% Back Pressure Conveyor

The simplest method ever devised for accumulating cartons, boxes, etc. Basic design eliminates complicated adjustments and allows a minimum of 2% back pressure.



Accumulating Zero - Pressure Conveyor

This is a belt driven live roller conveyor designed for use where zero-pressure accumulation, low elevation (12"), and close roller centers are required.



Chain Roller Straight Conveyor

Chain roller straight spurs are used in diverging or converging applications where smooth, positive transfers are necessary. They provide a positive drive for negotiating 30% and 45 % spur applications.



Chain Roller Curve

The CRCC is a heavy duty, chain driven roller curve conveyor commonly used in conjunction with the Chain roller Straight conveyor to carry heavy unit loads such as pallets and drums.

Sortation Conveyors

High Speed Sortation, Horizontal Belt Sortation



High Speed Sortation
Conveyor

This is designed for high speed sorting of products. Products are transported on flight tubes where at a predetermined location, divert shoes move diagonally across the conveyor to physically push the product onto a take-away line.



Horizontal Belt Sortation
Conveyor

These sorters are belt driven sortation conveyors. The belt concept provides a reliable method of tracking packages to the divert stations. Take-away spurs may be skatewheel type or powered type slaved from the main sorter.

Incline Conveyors

Cleated Belt, Floor to Floor Slider Bed, Floor to Floor Roller Bed Conveyors



Cleated Belt Conveyors

The Cleated Belt Conveyor handles bags, boxes, cartons, and parts. It may be set at any angle from horizontal to 45° for various uses, including floor-to-floor conveying and the transportation of materials from building to truck or box car.



Floor to Floor Slider /
Roller Bed Conveyor

They are equipped with a chain driven power feeder and an adjustable double nose-over at the discharge end to insure a smooth transfer from incline to with horizontal plane. The Roller Bed conveyor, rollers, makes higher load capacities possible. The Slider Bed has full width galvanized pans

Other Automation Systems



Transfer Vehicles:

Often used between AS/RS aisles and multiple drop off point workstations.



Robotic Palletizers:

Rapid automated stacking or destacking of containers of various shape, size, & weights. Highly flexible units that can offer multiple stacking patterns.



Monorail Conveyor:

Excellent for moving material to and from dispersed workstations



Carousels: Excellent for increased picking efficiencies & operator productivity



Pick To Display: The latest technology for picking & putting products.

ASAP Automation is a **systems integrator** and **software development company** dedicated to consulting, design, integration and implementation of world-class distribution centers / production plants around the world. We combine our **engineering experience** with **state-of-the-art industrial automation, controls and information systems** to provide cost effective solutions for our customers.

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The proven ASAP team is fully capable of designing and producing conveyor systems to meet your material handling needs.