

# CONVEYOR EQUIPMENT

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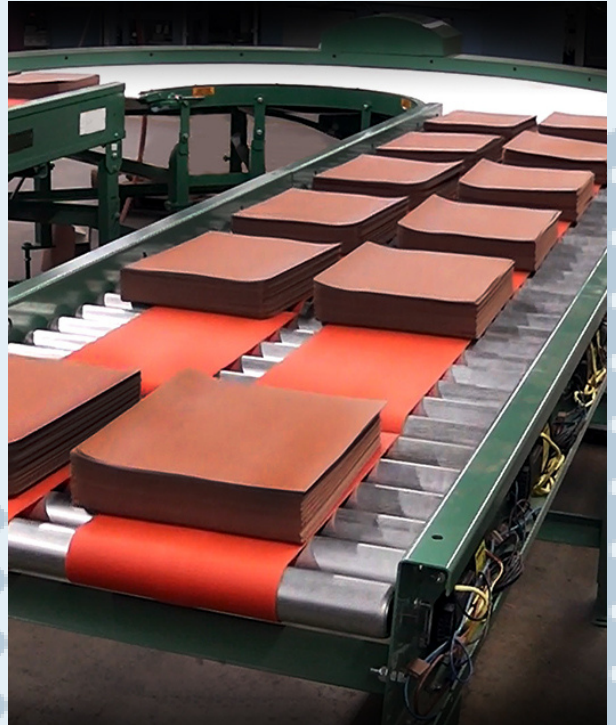
From a single component add-on to a complete automation system, Thomas Conveyor & Equipment Co. will put our years of experience to work for your operation. We will combine tried and true automation solutions with the latest in logistics technologies to create a tailor made solution for your operation.



# POWERED MDR (MOTOR DRIVEN ROLLER) CONVEYORS

Motorized rollers connect to adjoining non-powered rollers using o-rings, timing belts or chains to transmit and create a zone.

Each zone acts as an independent conveyor within the conveyor system, performing the function programmed into the roller's drive card. This is very useful when wanting to create zero pressure accumulation, independent stopping or starting, merging, or transferring of product. These features eliminate the use of metering belts, clamps, stops, and electrical controls required on a traditional conveyor.



## PALLET CONVEYORS

Pallet handling conveyors are specifically designed for the rigors of transporting pallets and other heavy duty loads on chains and rollers.

They are designed to move items safely and carefully.



# STAINLESS STEEL CONVEYORS



Stainless steel conveyor systems for food, pharmaceutical and other industries provide a corrosion free solution for applications where a wash down environment is required.

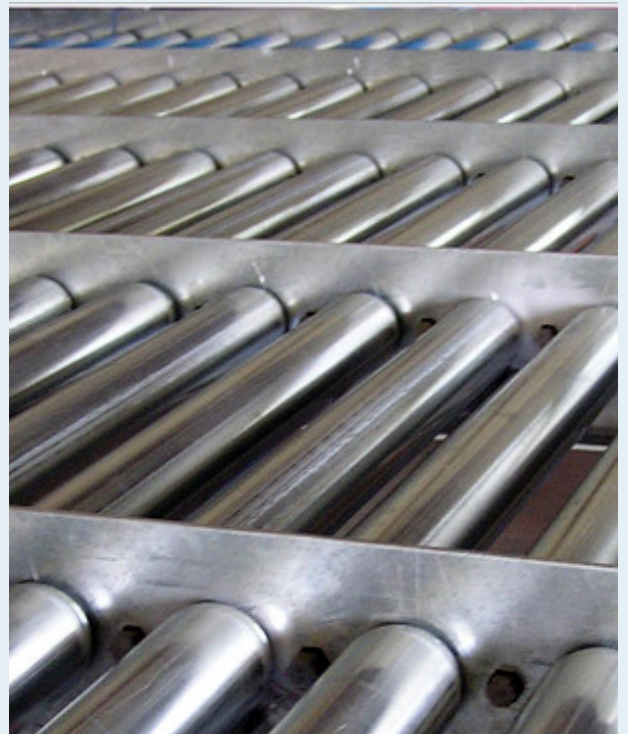
Stainless steel conveyor systems are sanitary and ideal for situations where performance, reliability, and clean-ability is crucial. TCE carries a variety of stainless steel conveyors designed to meet the standards of the food and pharmaceutical industries.

## GRAVITY CONVEYORS

Non-powered gravity conveyors are one of the most cost effective options in material handling.

Gravity conveyors are typically used to transport boxes, cartons or totes. They are the most common conveyor used and can be found in nearly every material handling facility.

Gravity conveyors move loads down a decline, or is moved manually by operator, moving the load along the skatewheel or roller conveyance line.



# EXPANDABLE & ACCORDION CONVEYORS

Expandable and accordion conveyors can expand and contract to fit in any area of a warehouse.

Typically, accordion conveyors are for temporary conveying in shipping and receiving areas due to their extreme flexibility. They bend or flex to configure to docks, storage rooms and applications where a straight conveyor is unsuitable.



# MERGE & COMBINE CONVEYORS



Thomas Conveyor has a wide variety of transfer, merge and combine conveyors available to provide solutions for your logistical challenges. Our systems integrators will evaluate, implement and install specialty conveyors designed to assimilate multiple infeed lines with speed and efficiency.



# VERTICAL SPIRAL CONVEYORS



Vertical spiral conveyors are an ideal choice for space savings. They can move lightweight product efficiently, provide merging functionality, and have pick module and product accumulation capabilities.

Vertical conveyors can be motorized or non-motorized/gravity powered. Gravity vertical conveyors allow products and packages to be moved manually with minimal effort; the conveyor pitch allows for gravity to propel product downward.

## OVERHEAD & MONORAIL CONVEYORS

Built to follow a path where the conveyor track and load handling takes place over work areas, overhead conveyor systems allow warehouses and manufacturing plants to maximize their working space by freeing up vital floor space. The enclosed, inverted, I-beam monorail conveyor tracks can follow almost any path needed with their ability to change both vertical and horizontal elevations.



# TRANSPORT CONVEYORS

Conveyors are used to transport goods, move pallets and products efficiently and safely.

We offer a wide variety of transport conveyors, including gravity conveyors, belt conveyors and live roller conveyors.

Our automation engineers are available to configure a custom conveyor design that will provide you and your staff with a cost effective solution for your production and fulfillment goals.



# ACCUMULATION CONVEYORS

What sets an accumulation conveyor apart from the standard? They assist in the rate of product flow through the production process.

An accumulation conveyor will control the flow of your loads automatically, allowing for storage, metering, and batch advancing of goods.

We can incorporate accumulation zones, sensors and brakes to customize your automation line providing optimal configuration for the transport and flow of product.



# SORTATION CONVEYORS



Sortation conveyors are used to efficiently sort products to another conveyor line.

We utilize a variety of sorters including sliding shoes, narrow belt sorters, right angle sorters and singulators to achieve the desired end effect.

Placement of a sortation conveyor can speed up the logistics progress and provide a host of additional functionality including product labeling, weighing, metal detection and more!

## CONVEYOR ACCESSORIES

Thomas Conveyor features a line of accessories to complement your conveyor system, providing additional functionality while integrating seamlessly into your current system.

Conveyor accessories can boost productivity, assist with transfers and provide a variety of functions that aid in the material handling process.





**T**homas  
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