

# **CAPABILITIES OVERVIEW**

[www.russellconveyor.com](http://www.russellconveyor.com)



# WHAT WE DO & WHO WE ARE

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## About Us

Russell Conveyor is a Turn-Key Conveyor Manufacturer of Motor Driven Roller (MDR) & Conventional Conveyor Systems for a Variety of Applications. Our Conveyor is made of quality steel, and fabricated and assembled in-house in our 370,000 sq ft Facility.

Since our beginnings in 2005, we have committed ourselves to Quality Products, Smart Solutions, and Customer Service.

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# OEM MANUFACTURING PROCESS

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We have expanded our customer footprint from primarily the Southeast to all across North America.

Due to our in-house manufacturing capabilities, we can offer much more competitive lead times than our competitors on our standard sizes:

- Case/Carton: 8-10 Weeks
- Spirals: 12-16 Weeks
- Pallet: 12-16 Weeks





## **MISSION STATEMENT**

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At Russell Conveyor & Equipment, our mission is to revolutionize the material handling industry through innovative solutions and unparalleled customer service. We are committed to engineering and delivering cutting-edge conveyor systems and equipment that optimize efficiency, productivity, and safety for our clients worldwide. Guided by integrity, excellence, and a relentless pursuit of improvement, we strive to be the preferred partner for businesses seeking superior material handling solutions. Through collaboration, expertise, and a passion for exceeding expectations, we aim to empower our customers to achieve their goals and drive success in their industries.

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# MECHANICAL COMPONENTS

Common Components that make up our Systems:

- Steel
- Rollers
- Control Cards
- Photoeyes
- Transfers:
  - 90 Degree Transfer
  - Omnidirectional Sorters
  - Cross Sorters

# INDUSTRIES SERVED

## DISTRIBUTION & E-COMMERCE

In a distribution center, conveyors serve as the backbone of the operation, facilitating the smooth and efficient movement of goods throughout the facility. These conveyor systems typically consist of motorized belts or rollers that transport items along predetermined paths.

Conveyors are equipped with merging systems to seamlessly transition items between different conveyor lines without causing jams or disruptions. Additionally, accumulation zones along the conveyor line temporarily store items to prevent congestion and maintain a steady flow of goods.

Overall, Russell's Conveyance Systems play a critical role in streamlining operations, reducing labor costs, and improving productivity in distribution centers by efficiently transporting goods from receiving to shipping.



# INDUSTRIES SERVED

## **FOOD & BEVERAGE**

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In food and beverage applications, conveyor systems are essential for efficiently handling various products throughout the production and packaging processes. These conveyors are specifically designed to meet the unique requirements of the food industry, ensuring hygienic handling and compliance with food safety regulations.

Our Conveyor systems in food and beverage applications are made of materials such as stainless steel or food-grade plastics that are easy to clean and resistant to corrosion. They are often equipped with features such as modular belts, washdown capabilities, and sanitary design to maintain cleanliness and maintain the standard for certain Temperature-Rated Requirements.



# INDUSTRIES SERVED

## PHARMACEUTICAL

In pharmaceutical applications, MDR conveyors are used for various tasks such as transporting raw materials, finished products, packaging materials, and even waste.

Their modular design allows for easy integration into existing production lines and facilitates quick and precise movement of goods, reducing manual handling and minimizing the risk of product contamination.

Additionally, MDR conveyors offer energy efficiency, low noise operation, and are easy to clean, making them ideal for pharmaceutical environments where cleanliness and product integrity are paramount.





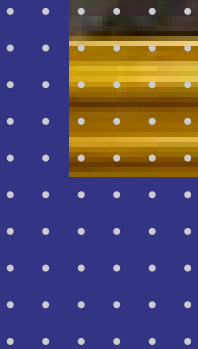
# PALLET CONVEYOR SYSTEMS

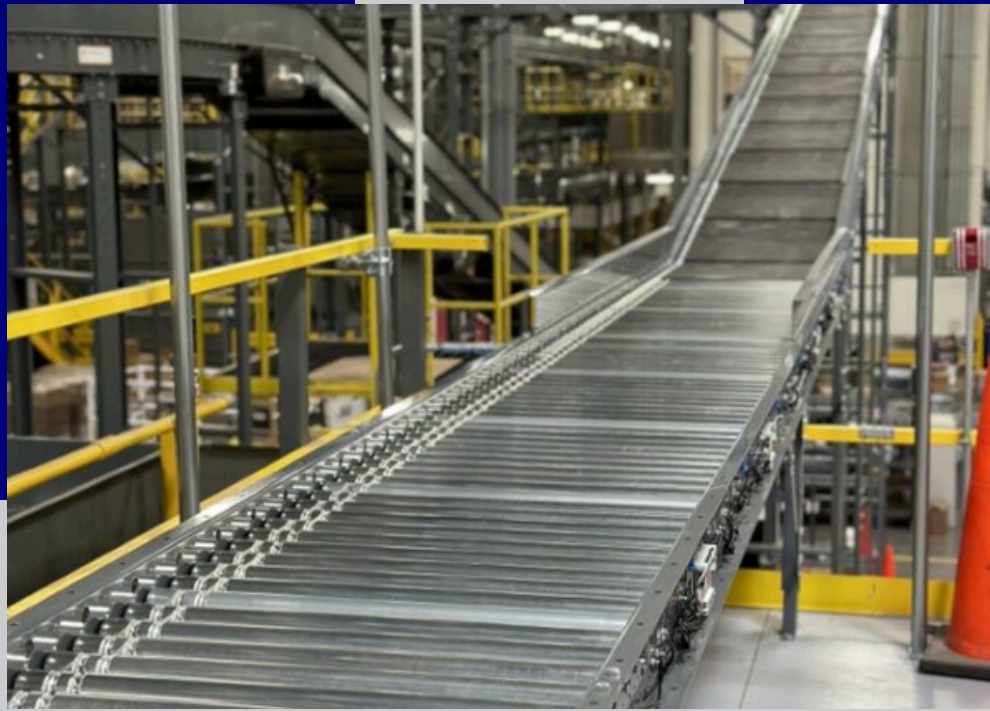
## Specs:

- Max Width - 70"
- Max Weight - 4,000 lbs
- Can Offer MDR option for Pallet Conveyor, as well as your Tradition CDLR Conventional Conveyor

## More Details:

- 90 Degree Transfers
- Lift Tables
- Turn Tables





## CASE CONVEYOR SYSTEMS

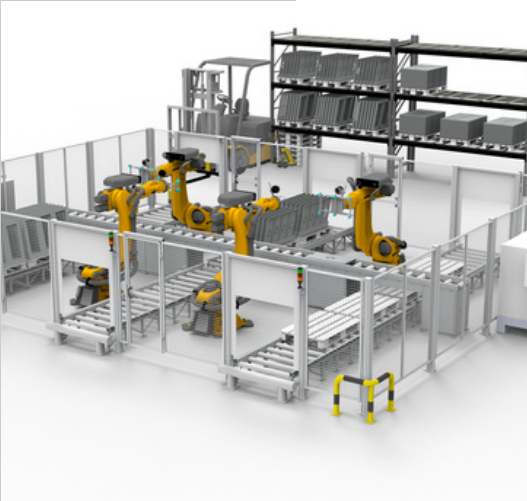
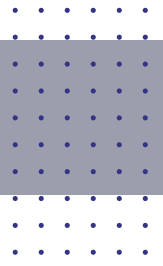
- Speed Rating: 50-220 FPM
  - Max Width Dependent upon Weight & Size of Package
  - Available in Transportation, Accumulation, and Belted Options. Rollers have Variable Roll Centers
  - Modular Design for Future Automation Scalability
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# SPIRAL CONVEYOR SYSTEMS

- 80-130 fpm - with the ability to Accumulate up and down the Spiral
  - Can be built on-site or easily installed
  - Quick start-up & Easy Maintenance
  - Saves on critical floor space
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# APPLICATIONS



## Robotic Cells & AS/RS

Our Accumulation Conveyor is perfectly suited for infeeding & outfeeding robotic cells for depalletizing & AS/RS Systems.



## Straight Conveyor and Multi-Level Conveyance

Whether it is a one-level mile of conveyor or a Spiral Conveyor feeding up to multiple levels, we can have the capability to offer both!



## Custom

At Russell, we pride ourselves on being out-of-the-box thinkers. Whether it is a non-standard frame width or a stainless steel/washdown request, we can handle it all!



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