The CarterRoll™ 24VDC Pallet Conveyor consists of 2.5” Diameter motorized power rollers (MPR) and idler rollers configured into zones interconnected by chain. Motorized power rollers are placed as needed along the conveyor to provide complete control of the product as it moves down the line.

**RUN-ON-DEMAND**
The product in one zone will only move into the next zone if the next zone is unoccupied. Conveyor zones stop running if there is not a pallet to transport in that zone. This feature reduces operational cost and extends equipment life.

**CONSISTENT**
Motorized rollers are placed as needed along the conveyor to ensure consistent movement, control and orientation of the product.

**LOW-MAINTENANCE**
Both mechanical and electrical components for the CarterRoll conveyor are modular and interchangeable. All electrical components meet applicable standards for rating, class and approvals for NEMA, UL, and CE.

**QUICK INSTALLATION**
All CCS conveyor is pre-engineered and tested before leaving our facility. Our Pallet Conveyor is designed to plug and convey to reduce up-time.
**TECHNICAL DATA**

**Controls Power Requirements**
- 24VDC
- DeviceNet Compatible
- Power and control system cabling enclosed inside channels

**Capacity**
- 4,000 lb. per zone
- 2.5 diameter x 11 guage rollers

**Frame**
- 7 Ga steel with 2.75" flanges, crossmember supports and protective covers
- Optional 4 Ga steel with 2.75" flanges, crossmember supports and protective covers

**Speed**
- Up to 25 parcels per minute

**Support Mechanism**
- Floor; adjustable leg support

**Conveyor Drive**
- 24VDC Motorized Drive Rollers

**Dimensions**
- 36" - 56" between frames
- 30" - 50" conveyor surface

**Mounting Capabilities**
- Floor

**Product Detection**
- Photo electric sensor
- Proximity inductive configuration

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**ZONE CONFIGURATION**

**40 Chain Supplied**
(Other Chain Sizes Available)

**Automatic Chain Oilers**

**Roller Zone 3.25", 4" - 6" center to center**

**Optional Paint Colors Available**

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**STANDARD ZONE CONTENTS**

**Zone Sensor**

**Jam Sensor**

**Protective Guards**

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**FEATURES**

**4,000 lb. Pallet Capacity**

**24VDC Operating Voltage**

**Modular Component Design**

**Auto Activated Zero Pressure, Zero Contact Zones**

**Standard Between Frames in 2" increments: 36" - 56"**

**Standard Roller Centers: 3.24", 4" - 6" in 1" increments**

**Plug and Convey Modules Pretested And Engineered To Reduce Maintenance**

**Accumulation and Train Release Modes**