

PALLET CONVEYOR

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 gauge 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

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

STANDARD ZONE CONTENTS

Zone Sensor

Jam Sensor

Protective Guards

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