

CarterRoll™

24VDC MDR CONVEYOR



Carter Control Systems, Inc. dba Carter Intralogistics
V1 - Updated 02.08.22

ZERO PRESSURE ACCUMULATION

Run-on-demand, zero pressure accumulation technology allows product to accumulate along the entire carrying surface without contact. This ensures your product reaches its destination undamaged and provides precise product control for merging and diverting.

FULL SYSTEM COMPONENTS AVAILABLE

Available CarterRoll™ System components include:

- Straights
- Curves
- Merges
- Tight Radius Merges
- Lift Gates
- Turn Table Diverts
- Inclines
- Declines
- Cross Transfers
- Intersections
- Turning Posts
- Pushers

MODULAR & SCALABLE

All system components for CarterRoll™ Conveyor are completely modular to provide the flexibility needed to easily expand systems to meet future throughput needs.

ENERGY EFFICIENT

Run-on-demand zones stop running if there is no product in that zone, increasing overall energy efficiency and decreasing operating costs.

DURABLE & LOW MAINTENANCE

Run-on-demand zones stop running if there is no product in that zone, increasing overall energy efficiency and decreasing operating costs.

MANUFACTURED BY CARTER

We pride ourselves in manufacturing our own conveyor. This helps us ensure competitive pricing and quick turn around times while guaranteeing top-notch equipment and quality support over the lifetime of the system.



PRODUCT SPECIFICATIONS

Between-frame Widths: 12" to 64"

Standard Section Lengths: 30", 60", 90", 120"

Standard Zone Length: 30" (1MDR to 9 Idle Rollers)

* Speciality Section & Zone Lengths Upon Request

Weight Capacity: 75 lb. per Linear Foot

Operating Speeds: 40 to 230 FPM

* Operating Speed Dependent on Application

Throughput: 30 to 50 Packages per Minute

Operating Voltage: 24VDC

Supply Voltage: 120VAC

Detection: Photoelectric, Reflector or Retro-Reflector

End Couplings to Easily Join Adjacent Sections

I/O Control: PLC or Zone to Zone

Mounting Capabilities: Overhead, Floor and Mobile

Operational Environment: 10-120° F, 10-95% Humidity