

CarterSpiral™

24VDC MDR SPIRAL CONVEYOR



Carter Control Systems, Inc. dba Carter Intralogistics
V3 - Updated 03.29.24

TRANSPORT OR ZERO PRESSURE ACCUMULATION

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

MULTI-LEVEL MERGING

Merges are configurable at any 45° of the Spiral's curve, allowing product to move on and off the Spiral at multiple vertical levels and along multiple outbound directions.

MINIMAL EQUIPMENT FOOTPRINT

Because CarterSpiral™ Conveyors allow material to be transported between multiple levels, they help reduce equipment footprint and maximize available space in the facility.

SHIPPED FULLY ASSEMBLED

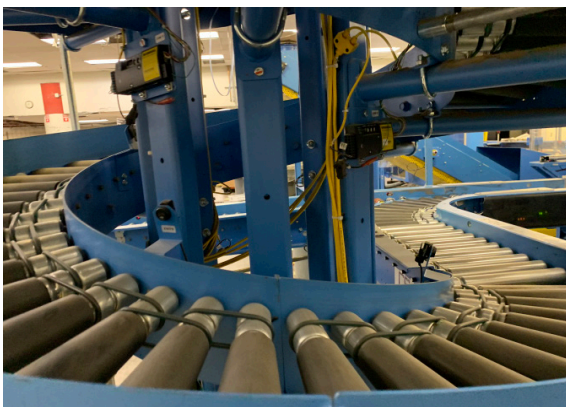
Standard units are delivered fully assembled allowing for easy integration with existing conveyor.

ENERGY EFFICIENT

Run-on-demand zones - if there is no product in the zone the conveyor goes into an energy efficient mode.

MANUFACTURED IN THE U.S.

We pride ourselves on manufacturing our conveyor in the United States. This ensures competitive pricing and quick turn around times while guaranteeing high quality equipment and support over the lifetime of the system.



PRODUCT SPECIFICATIONS

Variable Width & Custom Configurations Upon Request

Between-frame Widths: 15" 18" 21" 24" 28"

Operating Speeds: 60 to 160 FPM

* Operating Speed Dependent on Application

Throughput: Up to 40 CPM

Supply Voltage: 120/208/480VAC

Detection: Photoelectric, Reflector or Retro-Reflector

Internal Wiring/Controls Containment

I/O Control: PLC or Zone to Zone

Product Rotation: Clockwise or Counterclockwise

Mounting Capabilities: Floor and Mezzanine Operational

Environment: 40 -120° F, Humidity: 10-85%

Weight Capacity: 28 lb. per linear foot