

CarterParcel™

BELTED PARCEL CONVEYOR



Carter Control Systems, Inc. dba Carter Intralogistics
V1 - Updated 02.10.22

PARCEL CONVEYOR BUILT FOR THE FUTURE

CarterParcel™ is a Belt-Over Slider Bed AC Conveyor designed and built to match the rapidly growing demands of the parcel industry. It's a heavy-duty and cost-effective transport conveyor that is capable of moving heavier loads over longer distances on a single drive motor.

Common applications for CarterParcel™ include transporting:

- Materials over long distances
- Hard-to-convey products (blister packs, envelopes, bags)
- Heavy loads over long distances
- Through inclines and declines

CarterParcel™ is most often used in:

- High speed distribution centers
- Full case pick modules
- Assembly lines
- Product inspection
- Order picking
- Packing operations

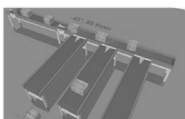
MODULAR & ADAPTABLE DESIGN

All system components for CarterParcel™ are completely modular. This provides increased adaptability in system design and allows for easier adjustments to existing layouts — a critical feature in the new age of flexible warehouses.

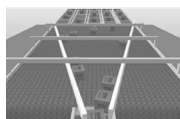
FULL SYSTEM COMPONENTS AVAILABLE

CarterParcel™ and our connected partner network feature a full suite of belted parcel conveyor options including:

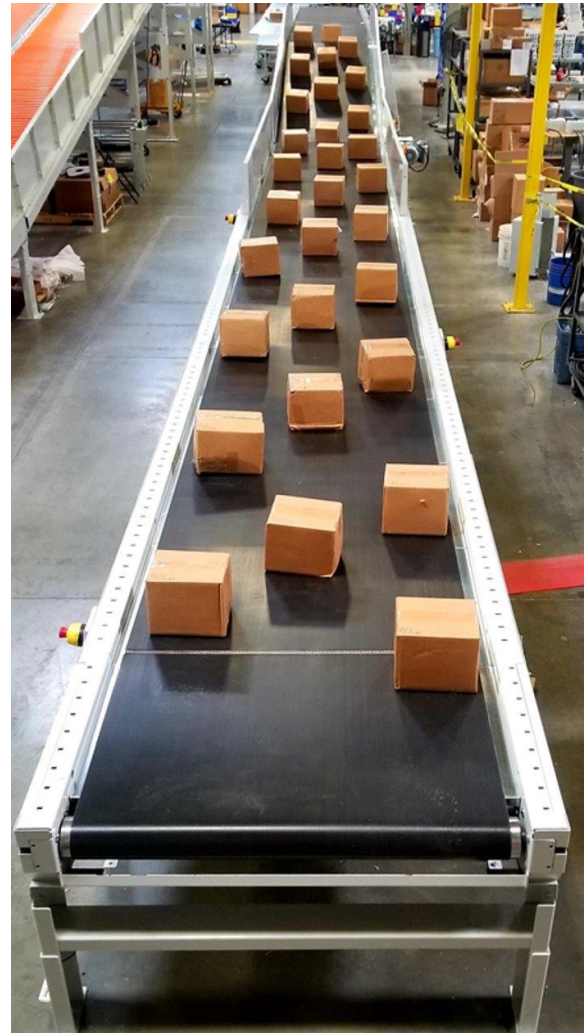
- Straights
- Inclines
- Curves
- Merges
- Diverts
- Sortation systems



Sortation Systems



Mergers & Diverts



MANUFACTURED BY CARTER

We pride ourselves in manufacturing our own conveyor. This helps us ensure competitive pricing and quick turnaround times while guaranteeing top-notch equipment and quality support over the lifetime of the system. And if we don't manufacture it ourselves, the trusted partner network we've been developing for decades will help us deliver the solution you need.

CarterParcel™

BELTED PARCEL CONVEYOR



MECHANICAL SPECIFICATIONS

Between-frame Widths: 49" (19", 25", 37", 43" & 61" Planned)

C-Channel style side frame with side covers

Belt : Per Customer Request

Drive & Tensioning assemblies at: 15', 25', 35'

Intermediate Bed: 5, 10ft C-Channel

Drive Assembly: Direct Drive up to 20 HP

Tension Assembly: For tensioning and tracking belt

Nose Over Assembly: For incline to straight transitions

Available in Flat or 12° Inclines

Top of Belt Heights: 22" - 154"

Various Leg Height in 6" overlapping increments

Weight Capacity: Up to 45 lb. per Linear Foot

Operating Speeds: 5 FPM - 400 FPM

PLC INTERFACE

Motor configurations with controlled accessibility

Alarm displays

Indications and controls

FPM and RPM displays

Industrial safety rated emergency stops

System monitoring

Alarm bypass

Automatic & manual operation modes

ACCESSORIES

Hinged Belly Pans with quick-release and/or bolt-secured mounting options

Fencing/Side Guarding in 6" increments up to 36" with shingled geometry to reduce snag points

Customizable E-stop types and locations

ELECTRICAL SPECIFICATIONS

Connectorized power for easy installation

Remote IO and Power cabling runs inside of C-Channel for added protection

Fieldbus EthernetIP

Under Conveyor mounting options for the Power Panel

Supply Voltage: 480 VAC, 3 Ph

Operating Voltage: 480VAC, 3Ph

Control Voltage: 24VDC

Estop over EthernetIP: CIP Safety

Drive: VFD/Motor/Gearbox

LEARN MORE:

