

CarterMobile™

24VDC MDR MOBILE CONVEYOR



Carter Control Systems, Inc. dba Carter Intralogistics
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CASTER-MOUNTED MDR CONVEYOR

CarterMobile™ runs on energy-efficient, quiet and safe 24VDC MDR conveyor that's mounted on casters for quick and easy system reconfiguration.

MODULAR, SCALABLE AND FLEXIBLE

All system components for CarterMobile™ are completely modular to provide the flexibility needed to easily adjust systems as throughput needs change.

PRE-WIRED AND PRE-TESTED

CarterMobile™ is shipped pre-tested and pre-wired. Installation is as easy as setting up a card table. All you have to do is unfold the legs, secure the supports, plug it in and just like that it's ready to move product.

ONE UNIT CONTROLS UP TO 7 SECTIONS

One "parent" conveyor section controls up to seven conveyor sections via a single Main Control Panel (MCP). Power and controls are carried to "child" sections using mating overmolded connectors.

FULL SYSTEM COMPONENTS AVAILABLE

Available CarterMobile™ System components include:

- Straights
- Lift Gates
- Curves
- Floor Curves
- S-Curves
- Herringbones
- Skews
- Inclines

All system components have the same caster-mounted mobility and bussed power and control functionality.

LIMITED PERMITTING REQUIRED

Because CarterMobile™ is not a permanent MHE installation, there is little or no electrical or mechanical permitting required to install and operate in most U.S. jurisdictions.



PRODUCT SPECIFICATIONS

Between-frame Widths: 30" 36" 48"

Standard Section Lengths: 30" 60" 72" 120"

Standard Mode: Transportation (Optional ZPA)

Typical Zone Length 30"

Weight Capacity: 40 lb. per linear foot

Polyolefin Caster: 6 in. Swivel/Lock

Standard Speed Settings: 60 - 180 FPM - (speed control switch)

2-position Forward/Reverse Control Switch

Start/Stop controlled with single touch-sensitive device

Operating Voltage: 24VDC

Supply Voltage: 120VAC (converted at MCP)

Optional E-Stop Available - pushbutton and pull cord

I/O Control: PLC or Zone to Zone

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