

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.

BUS POWER & 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
- Diverters
- Inclines

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

LITTLE TO NO MHE 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: 36", 48"

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

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

Weight Capacity: 75 lb. per linear foot

Operating Speeds: 40 to 180 FPM

* Operating Speed Dependent on Application

Operating Voltage: 24VDC

Supply Voltage: 120VAC (converted at MCP)

4-position Speed Control Switch

2-position Forward/Reverse Control Switch

Standard Speed Settings: 60, 66, 131, 160 FPM

Start/Stop controlled with single touch-sensitive device

Optional E-Stop Available

I/O Control: PLC or Zone to Zone

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

UL/CE Certified