



# MHS Conveyor CRUZ<sup>®</sup> belt Product Line



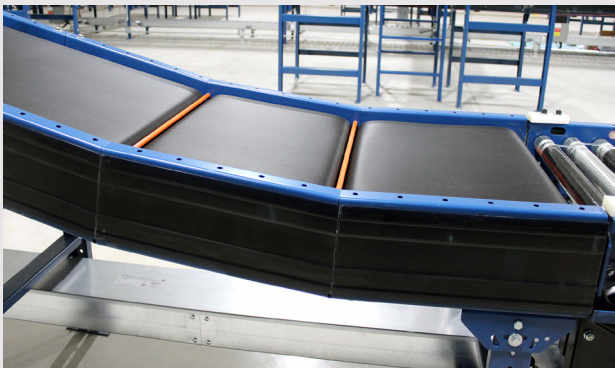
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# WELCOME

## to MHS Conveyor

### CRUZ<sup>®</sup>belt Product Line



CRUZbelt is MHS Conveyor’s industry leading to standard belt-on-slider or belt-on-roller bed conveyor. Incline/Decline conveyors feature one-piece modular construction of the Nose-under and Nose-over which replaces traditional components. It also has unique features such as self-aligning belt take-up that provides initial belt tensioning in less than a minute. Includes energy efficient in-line helical gear motor to provide energy savings and the end pulleys are 2-1/2” diameter to reduce gaps between units for small product transportation. The construction design allows for it to fit into the rest of the MHS Conveyor technologies seamlessly.

### CRUZBELT

The CRUZ<sup>®</sup>belt line includes our “standard” CRUZbelt, ECC (Empty Carton Conveyor), CRUZbelt Merge, and CRUZbelt 4.



**CRUZbelt Horizontal**



**CRUZbelt Incline/Decline**



**CRUZbelt4**



**CRUZbelt Center Drive Unit**



**CRUZbelt Merge**



**Empty Carton Conveyor**



**CRUZbelt Meter Belt**



**CRUZbelt Strip Belt Spur**

### CRUZbelt Meter Belt

CRUZbelt Meter Belts are used for creating gaps between products for singulation to downstream processes such as sortation. Available in 10’ lengths with (1) drive motor and are available in 1.5:1 or 2:1 speed change.

### CRUZbelt Strip Belt Spur

Strip belt spurs are used when induction is to take place upstream and maintaining gap integrity is important. Each belt has an individual, tension type take-up.

### CRUZbelt CRUZchannel Shroud

Optional translucent PVC shrouds are available in 5’ lengths to enclose the CRUZ<sup>®</sup>channel and are shipped loose for field installation.



## CRUZBELT HORIZONTAL BED

CRUZ®belt is unique from any belt conveyor available today. Horizontal bed are use for transportation applications and for merging product from multiple conveyor in-feeds.

- Self-aligning belt take-up - quick, easy and accurate belt tensioning and tracking
- Bed configuration - horizontal or incline/decline



## CRUZBELT INCLINE/DECLINE

CRUZbelt, with its unique nose-under, uses a single belt to transition from level belt conveyor to an incline. In addition, the segmented design of the nose-under prevents the bridging of back to back product and eliminates the need for installation adjustment. This opens the possibilities of combining long belt conveyor straight sections feeding an incline or following a decline with the same drive, something that cannot be done with a traditional power feeder.

- Black PVC monofilament longitudinal ribbed top style is used for incline/decline applications.
- Standard Incline/Decline angles - 9°, 12°, 15°, 18°, 21°, 24°



## CRUZBELT 4

CRUZbelt 4 is designed to satisfy the requirement for a short belt unit and ships as a complete assembled unit with drive motor and belt factory installed.

- Black PVC monofilament longitudinal ribbed top style belt - better tracking and flexing over 2-1/2" diameter pulleys
- Standard lengths are 3'-0" to 12'-0" in 1'-0" increments

## CRUZBELT CENTER DRIVE UNIT

Center drives are attached to the bottom of the bed frame and may be used for horizontal, incline, decline, one direction, and reversing operations. Center drives have a built-in belt take-up. Did you know our patented CRUZbelt center drive take-up can be loosened and re-tightened in less than one minute?





## CRUZBELT MERGE

CRUZbelt merge is specifically designed to allow for the angled side merging of loads from interconnecting spur lines. The “merge” side has a special hemmed channel and mounting frame that allows for spurs to be mounted directly to the merge belt minimizing the transition gap.

- Slider beds and 3 inch roller center beds are available - quiet operations, smooth transport
- Black PVC monofilament smooth top belts are use for horizontal applications



## CRUZBELT ECC (EMPTY CARTON CONVEYOR)

The CRUZbelt unique design such as integrated cross-members, snubber slide brackets, and end pulley cams result in minimal field adjustments and belt tracking. The Empty Carton CRUZbelt is designed to handle empty corrugated cartons only.

- Black PVC longitudinal ribbed top monofilament full width belting is used for ECC Incline or Decline and for horizontal application a Black PVC monofilament smooth top belts are used.
- The double snubber bed will transition the ECC from horizontal conveying to a pitched angle of 5°, 7°, 9°, 11°, and 13° without adding a second belt.

## ABOUT MHS CONVEYOR

MHS Conveyor is a leading worldwide supplier of dynamic, high-quality automated conveyor and sortation technologies used to transport a wide variety of products. MHS Conveyor is sold through a network of factory-authorized integrators as part of complete, integrated intralogistics solutions engineered to meet and exceed the customer expectations.

