



## CRUZBELT CONVEYOR ADDS VALUE WHILE REDUCING COST!

CRUZ®belt is unique from any belt conveyor available today. Installation time for inclines and declines is greatly reduced due to the one-piece modular construction of the power feeder and nose-over which replace conventional components.

The patented, self-aligning belt take-up provides initial belt tensioning in 45 seconds. The high-quality monofilament belt is easy to track. A 97% efficient bevel gearmotor provides energy savings.

End pulleys are 2-1/2" diameter to reduce gaps between units for small product transportation. A belt-low configuration eliminates the guard rail on floor-mounted conveyors and reduces guard rail requirements for overhead units. The CRUZ®channel seamlessly matches other MHS Conveyor CRUZ®channel technologies, NBC™, XenoPRESSURE®, or IntelliROL®.

## STANDARD SPECIFICATIONS

### Weight

50 lbs./ft or 75 lbs. total

### Configuration

Horizontal or incline/decline up to 24°

### Belt support surface

Slider pan or roller

### Belting black PVC monofilament

Two styles of belts

- Smooth top style is used for horizontal applications.
- Longitudinal ribbed top style is used for incline/decline applications.

Each is rated for 110 lbs. per inch of width tensile strength and are clipper laced.

### Standard speed range

30 FPM minimum to 300 FPM maximum.  
Not all speeds are available with all HPs.

### Standard width

16", 22", 28", 34" between frames

### Standard incline/decline angles

9°, 12°, 15°, 18°, 21°, 24°

### Motors

3-phase, 60 Hz, in-line helical gearmotor.  
HP varies by requirement, 1.0 to 5.0 HP.  
All motors are VFD capable and are premium efficiency.

### Speed

30 FPM minimum to 300 FPM maximum.  
Not all speeds are available with all HPs.

### Drives

Center drives are attached to the bottom of the bed frame and may be used for horizontal, incline, decline, one direction and reversing operations.

### Accessories

CRUZchannel shrouds and bottom pans

### Paint

Components located within the framework are painted black. All other components are painted job color. All MHS Conveyor paint is powder coated.

# CRUZbelt Conveyor



Belt conveyors provide smooth, continuous flow of product under positive control and are commonly used to change elevation by inclining or declining.

Features	Benefits
2-1/2" diameter pulleys	Smooth transition for small products
CRUZchannel	Seamlessly matches other CRUZchannel technologies and allows use of shroud cover
Fewer number of components with reduced adjustments	Low initial cost, reduced spare parts cost, ease of installation and maintenance
Roller bed	Lowers power requirement, conserves energy
Slider bed	Quiet operation, smooth transport
Drives with 97% efficiency bevel gearmotor	Fewer drives, lower power requirement
Monofilament belts	Better tracking and flexing over 2-1/2" diameter pulleys
One piece modular power feeder and nose-over	Fast installation of inclines/declines
Self-aligning belt take-up	Quick, easy and accurate belt tensioning and tracking

## 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 manufactures high-quality equipment, sold through a partner network of factory-authorized distributors as part of complete, integrated logistics solutions engineered to meet the needs of each customer.

### MHS Conveyor Corporation

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