

# CRUZ<sup>®</sup> belt Conveyor

## Adds value while reducing cost!

TGW Systems CRUZ<sup>®</sup> 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 powerfeeder 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<sup>®</sup> channel seamlessly matches other TGW Systems CRUZ<sup>®</sup> channel technologies - NBC<sup>™</sup> XenoPRESSURE<sup>®</sup>, or IntelliROL<sup>®</sup>.





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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 powerfeeder and nose-over	Fast installation of inclines/declines
Self-aligning belt take-up	Quick, easy and accurate belt tensioning and tracking

U.S. Patents 7,322,462  
U.S. Patents 7,213,701

TGW Systems is a worldwide leading supplier of highly dynamic automated equipment used to transport a wide variety of products. TGW Systems manufacturers one of the industry's highest quality conveyor and sortation technologies which are sold through a network of factory trained authorized Distributors, who partner with TGW Systems to strengthen their efforts of providing a complete integrated logistical package that meets the end user's needs.



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