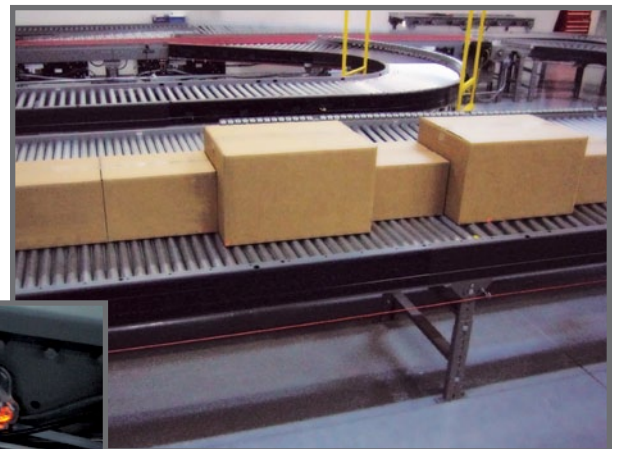


NBC[®] Narrow Belt Conveyor

TGW-ERMANCO: Achieving Logistics Excellence™



In non-contact accumulation, products accumulate but do not touch.



Zero-pressure contact accumulation allows products to touch, but with zero line-pressure.



Logic modules are set in the field with the simple press of a button.

Three-in-one conveyor lowers cost of ownership

TGW-ERMANCO'S Narrow Belt Conveyor (NBC) is a belt-driven live-roller conveyor that can be configured into zero-pressure contact accumulation, non-contact accumulation, and transportation conveyor using all the same frame and drive components. This versatility results in equipment, installation, and overall cost-of-ownership savings. Drive costs are also cut by NBC's ability to power up to four modules off either end of the conveyor.

While offering excellent cost savings, NBC also incorporates high-value features as standard. The logic modules are easily set in the field for basic or progressive (train) release. The direct-drive belt is powered with a 97% efficient gear motor that reduces energy consumption. NBC utilizes CRUZ[®] frame with the rollers low and built-in guardrail configuration. A rollers-high version is also available.

Technical Specifications

Product Weight Range	1 oz. to 75 lbs. per foot
Min. Product Length	9"
Standard Widths	16", 22", 28", 34" between frames
Zone Lengths	contact accumulation: 48" non-contact accumulation: 18", 24", 30", 36"
Speed Range	65 FPM to 230 FPM

NBC™ Narrow Belt Conveyor

Feature	Benefit
Curves and spurs ship with belts installed and have a 21" inside curve radius	Reduces installation costs, Increases flexibility, Small footprint, even with tangents
Curves accumulate product and employ true-taper rollers with close-pack roller centers	True taper rollers preserve product orientation, close pack rollers accommodate small product
One drive powers a line made up of any combination of zero-pressure contact accumulation, non-contact accumulation, and transportation conveyor	Reduces wiring and installation costs, reduces number of drives required, increases layout flexibility, reduces installation time
All butt-plate connectors	Ceiling supports may be placed at any location, superior strength and rigidity
Two drive options: 500 lb. belt-pull drive with built-in air take-up for conveyors longer than 70'. 250 lb. belt-pull drive for shorter conveyors	Allows greatest efficiency and lowest cost for the customer's application
Up to four curves and spurs, of any configuration, may be powered off a slave drive	Cost savings from reduced drive and wiring requirements, flexibility
Improved hot-meld belt splice	Superior belt strength, long belt life, eliminates cold splicing
Photo sensor is easily adjustable from the top	Fast, simple adjustment, eliminates need for visual alignment from opposite side of conveyor
One logic module handles both basic and progressive logic. The accumulation mode is changed with the press of a button	No more swapping out modules to change the logic, time savings, cost savings

Integrated Material Handling Solutions

- DC Design and Operational Assessment
- System Integration
- Ongoing Support and Training
- Equipment Controls
- Visualization Systems
- Warehouse Control Systems
- Carton, Tote and Unit Load Conveyor Systems
- Automated Order-Fulfillment Systems
- Sortation Systems
- Pick Modules
- Automated Storage and Retrieval Systems for Mini- and Unit Loads

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