

NBC™

Narrow Belt Conveyor - Zero Pressure Accumulation

Two-in-one conveyor lowers cost of ownership

TGW Systems Narrow Belt Conveyor is a belt-driven live-roller conveyor that can be configured into zero-pressure 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.

An optional conveyor shroud encloses the frame and provides additional protection for the electrical components.

While offering excellent cost savings, NBC also incorporates high-value features as standard. The logic modules are easily selectable in the field for basic (singulation) or progressive (train) release.

The direct-drive belt is powered with a 97% efficient gearmotor that reduces energy consumption.

NBC utilizes CRUZ® frame with the rollers low and built-in guardrail configuration for all accumulation conveyor. A rollers-high version is used for all transportation style conveyors.



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



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



NBC drive unit with shroud.



NBC Narrow Belt Conveyor

Zero Pressure Accumulation Conveyor

FEATURES:	BENEFITS:
One drive powers a line made up of any combination of zero-pressure contact accumulation and transportation conveyor	Reduces wiring, installation costs and time, reduces number of drives required, increases layout flexibility
Very heavy welded butt-connectors, with quick 2-bolt mounting	Allows supports (floor or ceiling) to be located anywhere convenient, 12' centers max. Simplify installation, reduce header steel
Three drive options: 500 lb and 250 lb air take-up for longer conveyors and 250 lb drive for conveyors under 70'	Allows greatest efficiency and lowest cost for the customer's application
Optional hot-meld belt splice for applications requiring belt-pulls that exceed 250 lbs	Longer runs of NBC can use a single drive, take-up & belt. Reducing cost, controls, field wiring and ongoing maintenance
Easy-adjust photo sensor is protected from impact, under the top flange of the CRUZchannel frame	Avoids costly system shut-downs due to photo-eye misalignment from operator or product impact
One logic module handles both basic and progressive logic and the accumulation mode is changed with the press of a button	Fast, simple adjustment, eliminates need for visual alignment from opposite side of conveyor and protected within side frame
Photo Eye alignment LED indicator	No more swapping out modules to change the logic, time savings, cost savings
Basic or Progressive mode status lights on modules	
Maintenance skew sections located in each 12-ft bed	

TGW Systems is a worldwide leading supplier of highly dynamic automated equipment used to transport a wide variety of products. TGW Systems manufactures 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.



TGW Systems Inc.
1300 E Mount Garfield Road
Norton Shores MI 49441-6097 USA
T 231-798-4547

