



# MHS Conveyor NBC™ (Narrow Belt Conveyor) Product Line



MHS Conveyor  
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# WELCOME

## to MHS Conveyor

## NBC™ Product Line



NBC™ (Narrow Belt Conveyor) is MHS Conveyor’s belt driven roller conveyor. It is available in both transportation and contact style accumulation. The construction design allows for NBC to fit into the rest of MHS Conveyor technologies seamlessly.

### NBC

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.



**NBC Bed**



**NBC Skew Bed**



**NBC Drive Unit**



**NBC Brake**

NBC Function Modules	NBC zero pressure contact accumulation conveyor is equipped with logic modules. The modules can be switched from basic mode (singulation release) to progressive mode (train release).
NBC Basic or Progressive Mode	In Basic mode if any two successive zone sensors are blocked the upstream zone will start accumulating.  In Progressive mode no accumulation starts unless all downstream zones sensors are blocked.
NBC Nitta Belt	The solid high Durometer urethane/Kevlar body Nitta belt is extremely tough compared to PVC belting.





## NBC

All standard 12' intermediate beds have a 4' maintenance skew zone in the center of the bed. The zone can be skewed either right hand or left hand if needed.

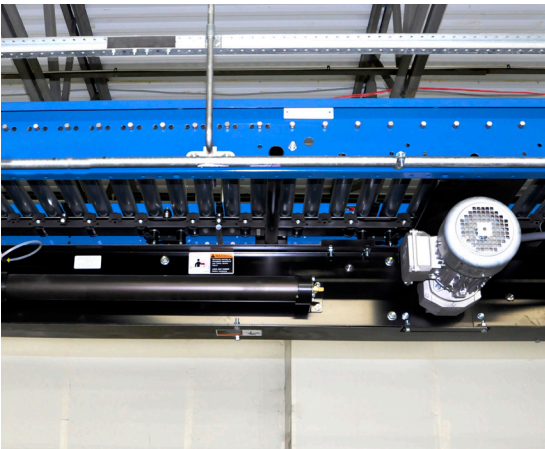
- In accumulation mode, NBC conveys and dense packs conveyable product in most every mixture of sizes.



## NBC SKEW BED

Skewing rollers is used to edge align product prior to sortation or to prevent "side by side" shingling of product during accumulation. Typically, the product should be edge aligned as quickly as possible upon entering the NBC conveyor to prevent this shingling.

- A wheel guard is standard with a full skew bed to prevent the stalling of product as it is forced against the side channel by the skewed rollers.



## NBC DRIVE UNITS

500-AT drive utilizes an air belt take-up to maximize belt life and maintain proper belt tension. NBC operates at 40psi. We offer an optional low pressure switch, set to 20 psi to detect a loss of air pressure.

- The 500-AT drive is limited to 12'- 220' in length or 500lb of belt pull.

## NBC MHS CONVEYOR NITTA BELT

Nitta Carry-flex™ belt joints can only be welded with a MHS Conveyor Nitta belt welder. The belt welding kit consists of a finger splicer and a welder kit with accessories and is available to purchase or rent from MHS Conveyor.





## NBC ZONE BRAKE END

Zone brakes can be installed in any NBC accumulation zone conveyor. The brake is used to keep product from discharging onto downstream conveyor or from advancing in an operator station.

- This brake works off the existing logic of the accumulation zone and requires no additional signal or air supply to activate.



## NBC CRUZchannel SHROUD

Optional translucent PVC shrouds are available in 5' lengths to enclose the CRUZ®channel or C6 Channel frame and are shipped loose for field installation.

## 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.

