

# Product Indexing Conveyors

Finding nickels & dimes in better yield design

Indexing conveyors (Indexers) create consistent spacing of boxes/cases thereby virtually eliminating traffic jams. Indexers also permit product to be properly presented so labeling and in-motion weighing can occur without hassle.

## Features & Benefits:

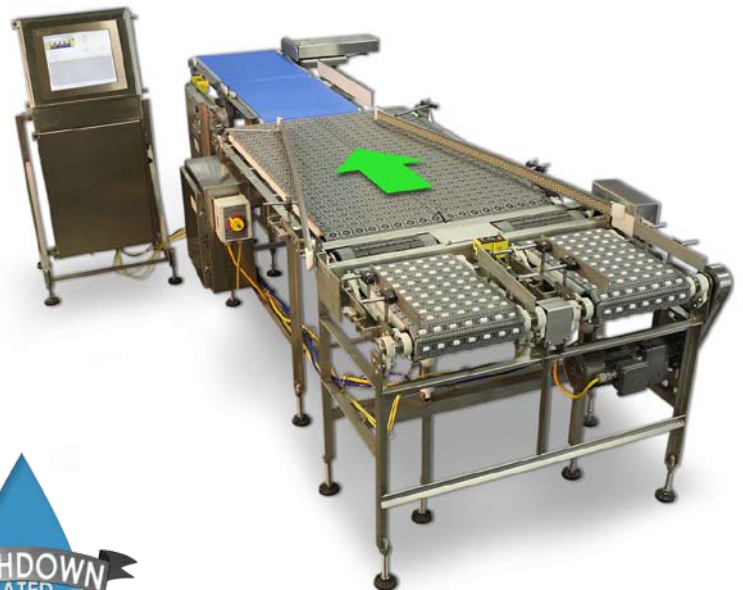
- Creates a consistent start-of-box to start-of box spacing
- Compliments existing equipment with stand alone control capability
- Enables down-line printers, checkweighers, conveyor scales and scanners to function within specification
- Easy adjustment of spacing between products
- Roller belting permits product to roll on belt while waiting for advancement, which reduces friction wear of product



Drop-down box indexing conveyor with product guides



Dual line indexing conveyors for dual convergence

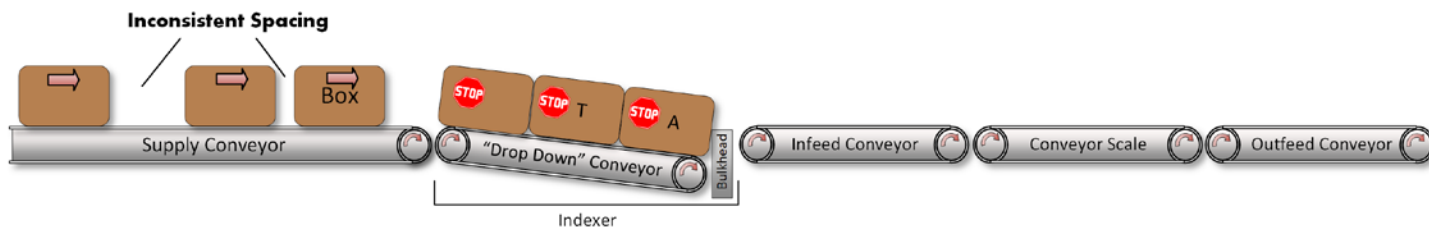


Two product lines merging into one with proper spacing for accurate weighing

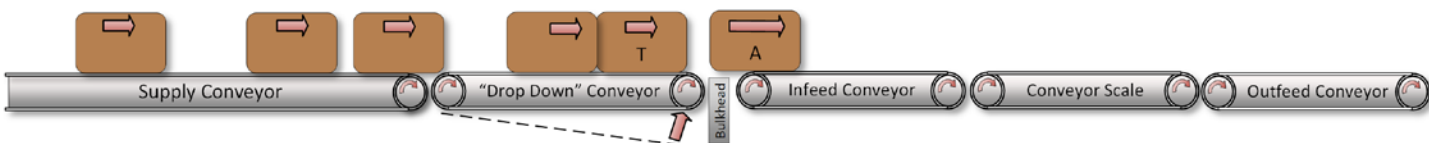


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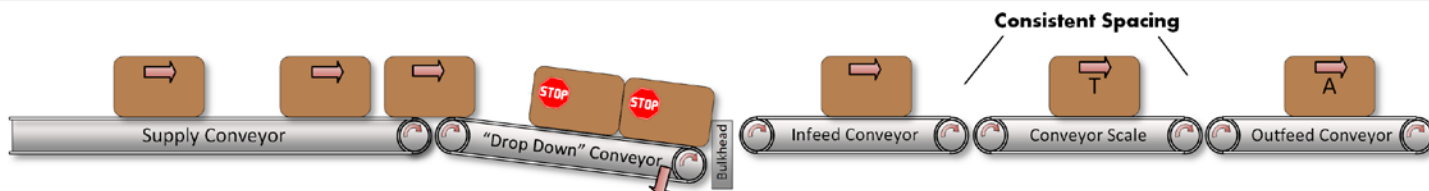
# How Indexing Works



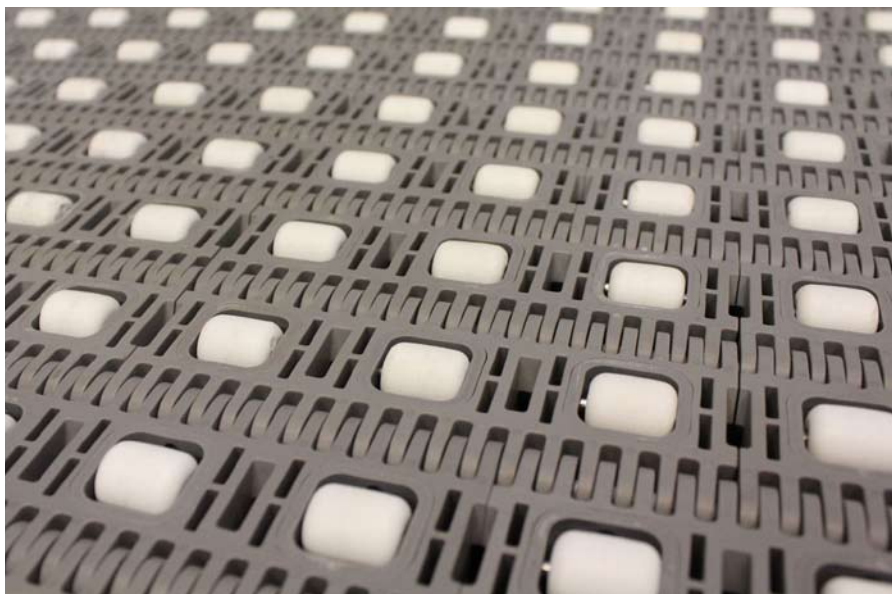
**1** A supply conveyor transports boxes with inconsistent spacing. The boxes move onto the Indexer, which has a conveyor section that will drop down allowing boxes to accumulate against a Bulkhead. (This conveyor section has unique roller belting that allows the conveyor to continuously turn while boxes accumulate on top of the belt.)



**2** A sensor (not shown) detects a space is available, the Drop Down Conveyor section will then rise allowing boxes to advance unobstructed. The Infeed Conveyor, which moves faster than the Drop Down Conveyor, will grab the first box (A) propelling it forward to create a gap between the trailing box (T).



**3** The Drop Down Conveyor will quickly lower again causing the boxes to accumulate against the bulkhead. Once the sensor (not shown) detects a gap, the indexer will rise, once again, and let another box advance. This is how an Indexer controls box spacing to ensure only one box is on the scale at a time.



Roller-top belting allows product to be stationary while waiting for advancement as the belt is moving, which reduces friction wear of product

Box/Case Indexers are designed to save you money by eliminating the need to manually space boxes entering:

- In-motion weighing scales
- Automatic labeling stations
- Scanning stations
- Palletizing stations
- Sorting systems



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