

A trusted leader and partner in providing innovative conveyance solutions.

It's time for a
NEW LINE OF THINKING
Custom conveyor solutions for those who can't slow down.



BoxFillingTM
Overview

Dynamic Conveyor's line of Box Filling Systems are a must have for manufacturing and production facilities where efficient and accurate part counts or weights are important. With multiple standard design configurations and the ability to customize certain parameters, Dynamic Conveyor's Box Filling systems can be implemented in a wide array of applications.

The systems are an excellent solution as stand alone, or when integrated with Dynamic Conveyor's other product lines to provide conveyance to the Box Filling system.

Unattended filling solutions are an important step to manufacturing automation. Implementation can quickly increase plant efficiencies while allowing personnel to be deployed in the highest value adding areas of the plant or helping to solve labor challenges.

Features	Benefits
User Defined Fill Weights/ Counts	Enables use for different products
Visual & Audible Alarms	Allows for unattended operation
Low Maintenance	Low cost of ownership & downtime
HMI with 150 "Recipe" Options	Enables quick configuration changes
Plug & Play Drives and Controls	Ability to easily integrate additional equipment & accessories
Various Accessory Options	Provides for a fit for purpose solution
5-Year Warranty	Industry leading quality & reliability

TECH SPECS

Configurations

- Filling By Count Or By Weight
 - Side By Side
 - Over Under
 - In-Line

Standard Widths

12", 18", 24"

Box/Tote Size

Width: 6" – 27"

Box/Tote Weight

Up To 200lbs

Controls & Electronics

- Mettler Toledo Weigh Scale
- Photo Count Or Machine Input

Support Structure

T-Slot Anodized Aluminum

Rollers

- Infeed & Weighing Powered Roller Conveyor
 - Centers: 3"
 - Diameter: 1.9"
- Outfeed Gravity Conveyor

Motor

24V Motorized Powered Roller

Options

- E-Stop
- Enclosures & Guarding
- Adjustable Guide Rails
- Chutes & Hoppers
- Covers
- Ionizer
- Standard I/O Interface
- Weight Or Count Filling



Inline configuration includes scale for weights and supports a lights out manufacturing strategy.



Basic and affordable inline box filling system with a DynaCon® system integration.

"The indexing conveyors allow us important 'cushion' time. They give our people more operating flexibility. They give us a larger time window—it was about 7 minutes and now it's about 28 minutes—to perform other surrounding tasks without having to go back and 'balance' box component-count quantities later. So we've improved labor usage efficiencies, while ensuring consistent box-loading accuracies."

Jay Bray, Molding Engineering,
Lindal North America

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