

CATALOG
C24

EMI[®]

CONVEYORS &
AUTOMATION SYSTEMS



Indexing Carousel

Available Diameter Sizes: 3', 4', 5', 6', and 7'

The Indexing Carousel is a versatile, cost-effective way to automatically fill parts into boxes or bags. Compact round shape in five diameters (3', 4', 5', 6' and 7') is great for areas that are often too small for a traditional inline system such as the space at the end of the molding machine.

The Automatic Turntable operates on a count signal from the molding machine, a robot or a weigh hopper (see page 142) and can be programmed to fill many different sizes and shapes of boxes or bags.



[Download Box filling Specification Form here](#)

Weigh Scale Hopper Bag Filling

How it Works:

- Parts are brought from under the press to a feeding conveyor, which feeds them into the Weigh Scale Hopper. When the Weigh Scale Hopper reaches the programmed weight, it momentarily stops the feeding conveyor and drops the parts into the 1st bag.
- As soon as the parts drop, the hopper closes and the feeding conveyor restarts. When the correct weight is reached, the weigh hopper stops the feeding conveyor and drops the parts into the 2nd bag.
- As soon as the parts drop, the hopper closes and the feeding conveyor restarts. The carousel unit then indexes, placing two more bags into the fill position.



Indexing Carousel

Accuracy to within 0.5 grams!

Need to fill a lot of bags quickly and accurately? Combine a Weigh Scale Hopper, which can weigh to within 0.5 grams, and an Indexing Carousel.



Double the Capacity!

A second-level platform can double the capacity of a carousel style box or bag filling system—without using any more floor space than a single-level system.

