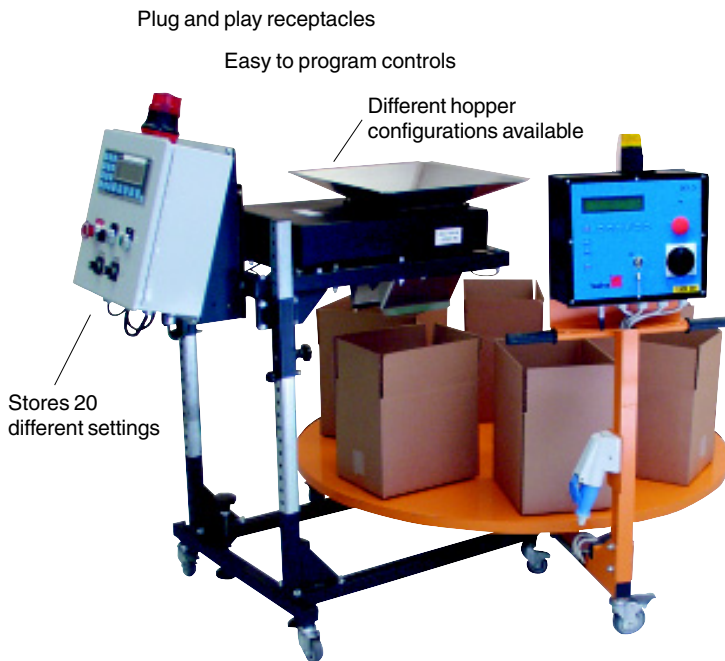




# Carousel / Weigh-scale Hopper Container-filling system

## Super Accurate! Cost-effective



Carousel / Weigh-scale Hopper Container-filling system

## How does it work?

- The controller determines an average part weight and an average batch weight. The number of parts desired for a full container is entered into the system.
- Parts are filled into the Weigh-hopper until an approximate batch weight is reached (this may be slightly more or slightly less than the average batch weight).
- Once the batch weight is reached, the parts drop into the container and the actual weight of the batch is deducted from the full container total.
- When the last batch is ready to fill, the system calculates the exact weight / part count for the final batch.
- As the last batch reaches the final weight, the feeding conveyor slows to a dribble, allowing the final parts to be slowly dribbled in.
- When the container setpoint weight is reached, the hopper dumps the last batch, zeroes itself out and begins filling immediately.

## Weigh-scale Hopper

- ✓ **Precise** container-filling by weight.
- ✓ **Weighs in small, extremely accurate batches.**
- ✓ **Weighs to within 0.5 grams**, of accuracy.
- ✓ **Fills large containers** with the same degree of accuracy as small containers.

## Carousel

- ✓ **Cost effective.** Costs less than most comparable, in-line systems. Provides hours and hours of unattended box-filling.
- ✓ **Fast.** Continues to accept incoming count signals as the next empty container is indexed into position.
- ✓ **Space saving.** Compact design fits into small spaces. A second level of boxes can be added to double capacity.
- ✓ **Programmable Alarm** signals operator to refill the system. Can also be used to signal secondary equipment (such as the molding machine) to either shut off or stand by.
- ✓ **Versatile.** Box or bag holders can be added or removed as application needs change.



A second level of boxes can be added to double the Carousel's capacity. *Note:* Design may vary, depending upon the application. Carousels can also be configured to fill bags.