

# MAGNA WEIGH FEEDER



Designed to feed bulk products to process lines at a predetermined rate, by weight.

The Magna Weigh Feeder is designed to feed bulk products to process lines at a predetermined rate, by weight. It combines the simplicity and cleanliness of a vibratory conveyor with the weighing capabilities of a weigh belt. A certain product rate may be selected on a touch screen and the unit will accurately deliver the product at that rate, gravimetrically. This unit is superior to volumetric feeders, as it will automatically compensate for changes in bulk densities of products. A signal proportional to product rate may be used to control one or more slave products in seasoning, mixing, and blending applications.

#### APPLICATIONS

- A sanitary alternative to weigh belts
- Product blending by weight for two or more ingredients
- Feeding blanchers, cookers, coolers, fryers, and freezers
- Product seasoning, coating, and enrobing
- Rate indication and alarm if product rate of flow changes
- Material throughput reports
- Loss in weigh feeder
- Bag filling

#### FEATURES

- Simple stainless steel construction with no moving parts
- Completely encapsulated drives for washdown applications
- Control and report weight (lbs or kgs) per minute or per hour
- Report total product run per hour, per shift, per day, per week, etc.
- Outputs 0-10 vdc or 4-20 ma signal to control slave feeders
- Feed two or more ingredients at a given rate, by weight
- Custom designed to suit product, capacity, and other requirements



## CRESCENT SYSTEMS

Crescent Systems, Inc., is a consulting, engineering, and manufacturing company specializing in products and services designed for use in the Food Processing and Packaging Industries.

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