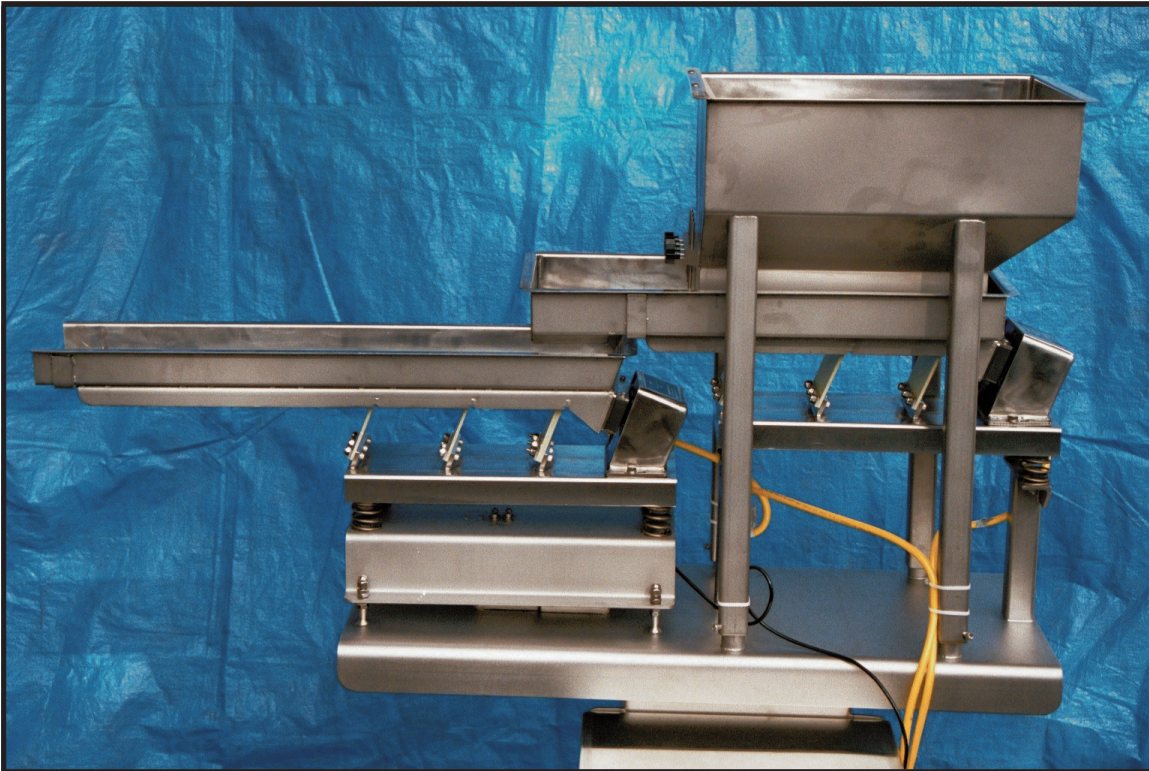


MAGNA WEIGH FEEDER

Patented



The new **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.



CRESCENT

CRESCENT SYSTEMS, INC.

19328 SW Mohave Court, Tualatin, OR 97062-8554 USA

Phone:503-692-0287 FAX:503-691-0245

csi@crescentsystemsinc.com <http://www.crescentsystemsinc.com>

MAGNA WEIGH FEEDER

Crescent Systems introduces the new Magna Weigh Feeder which is a simple in-line weighing conveyor to feed products by weight. It consists of an electromagnetic vibratory conveyor mounted on load cells to monitor product weight and an infeed electromagnetic vibratory conveyor. Special vibration isolation removes the majority of the vibration to the scale base. The load cell design employs a fast response cell with damping fluid for vibration isolation. It can control and report product weight to process lines including blanching, cooling, cooking, frying, seasoning, and freezing lines.

Typical Applications:

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

Features:

- Simple Construction
- 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

Please contact Crescent Systems with your specific requirements!