

Model 570 – Loss in Weight Feeder

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- **Open “No Tools” Design**
- **Screw removal with material in hopper**
- **USDA / Dairy 3-A version available**

A Loss in Weight Feeder is a device or collection of devices, which receives material from an upstream supply and meters that material into a downstream process at a set feedrate based on feedback from a weigh sensing device.



Dimensions and Specifications

Materials of Construction

- 304 Stainless Steel Metal Parts, 316 SS is optional
- All Non-Metallic Parts are USDA or FDA Approved

Power Requirements

- 115 V ± 10% Single Phase, 50/60 Hz

Turndown

- 15:1 from Maximum Feedrate

Optional Accessories

- Manual Refill Hopper Cover
- Hazardous Location Electrical Components
- Chemical Duty or BISSC Certified Motors and Reducers

Variable Speed Drive

- 1/4 or 1/2 HP DC Motor with Variable Frequency Drive

Accuracy

- Up to $\pm 0.25\%$ of Set Rate at 2 Sigma

Ambient Temperature Limits

- 0° to 77°C (32° to 170° F)

- Special Materials of Construction
- Hung-from-Above and Wall Structures Available
- Extended Discharge and Spout Lengths
- Spout Available with Vertical Discharge and End-Bearing Auger Support

Model	Base Hopper Size	Maximum Feedrate	Height	Length	Width
570-E1	0.75 Ft ³	2,000 P/H 907 Kg/H	33.00 Inches 838 mm	25.0 Inches 635 mm	25.0 Inches 635 mm
570-E2	1.50 Ft ³	10,000 P/H 4,536 Kg/H	38 Inches 965 mm	25.0 Inches 635 mm	25.0 Inches 635 mm
570-E3	5.00 Ft ³	24,000 P/H 10,886 Kg/H	50.0 Inches 1,270 mm	37.00 Inches 940mm	36.0 Inches 914 mm