

GH-F SERIES

Gravimetric Feeders



Technical Specifications

GH-F Series Gravimetric Feeder adds colorant or other free-flowing material to your extrusion process, based on a self-calibrating controller that makes volumetric recalibration unnecessary and eliminates the overfeeding that typically accompanies volumetric feeders.

Features

Standard Features

- Precision 0.02% span accurate weighing system
- Field-mounted proximity switch for extruder speed pick-up
- Aluminum and mild steel contact surfaces
- Rockwell Ethernet/IP communications
- Surge hopper with reload valve
- Square mounting flange for machine-mount
- 3" (76mm) OD discharge opening
- Extruder following circuit
- Hopper lid arranged for AEC receivers and loaders
- 115/1/60 supply voltage
- Rockwell Micro850 PLC control system with high resolution color touch screen

Optional Features

- Customer-specified mounting flange
- Special voltage
- Supply hopper lids cut for other vacuum receivers or loaders; cut-out pattern only
- Ethernet switch for connectivity

Application Notes

- GH-F Series Additive Feeders are continuous loss-in-weight systems designed to work with continuous operation extrusion lines only
- Any use other than with factory-approved extrusion applications is not recommended and may void any warranty, return or refund claims, implied and otherwise stated

Specifications

Model	Max. Feed Rate lbs./hr (kg/hr) ¹	Hopper capacity, lbs. (kg)	Auger size in. (mm) ²	Shipping Weight lbs. (kg) ³
GH-F 003	0.5-30 (0.22-13.6)	10 (4.5)	0.75 (19.1)	200 (91)
GH-F 009	5-90 (2.3-40.9)	10 (4.5)	1 (25.4)	200 (91)
GH-F 025	25-250 (11.4-113.5)	25 (11.4)	1-5/8 (41.3)	200 (91)
GH-F 040	40-400 (18.2-181.6)	25 (11.4)	2 (50.8)	200 (91)
GH-F 100	100-1000 (45.4-454)	50 (22.7)	3 (76.2)	200 (91)
GH-F 200	200-2000 (90.8-908)	50 (22.7)	4 (101.6)	200 (91)
GH-F 500	1000-5000 (454-2,220)	100 (45.4)	4 (101.6)	400 (182)

1. Rate is based on fifty (50) lbs./cu. ft. (800 kg/cu. m.) free-flowing pelletized additive. Actual rates may vary.

2. GH-F Series models are available with various auger sizes that will affect throughput rate. Consult factory for guaranteed rates based upon individual applications. Material tests may be required.

3. Weights and dimensions listed are approximate; may vary based on exact feeder configuration, options, accessories, etc. Typical dimensions will vary based on application.