



The Tecweigh GF28 Gravimetric feeder is designed for continuous and batching applications. Depending on auger tube size, this unit will feed rates up to 800 cubic feet per hour. For optimal performance, the GF28 feeder comes standard with dual motors allowing independent control of both auger and agitation. The integrated four-point load cell design simplifies installation, as the unit arrives fully assembled and tested.

Flex Feed® Hopper

- Industrial grade
- Food grade
- Chemical resistant
- Static dissipative
- 5 year warranty - longest in the industry

Motors

- Available in both AC and DC to fit your requirements

Agitation Paddles

- Heavy duty stainless steel welded construction
- Unique design minimizes hopper wear
- Sealed roller bearings and paddle shafts

Drive Assembly

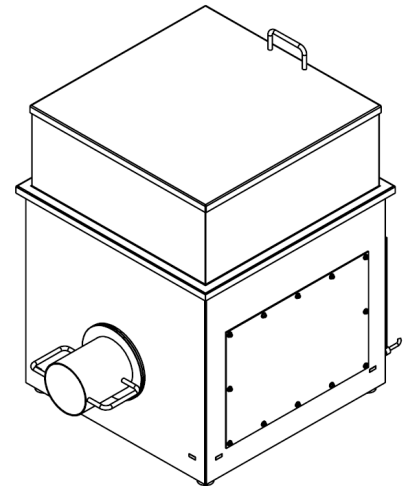
- Oversized roller chain drive
- Automatic chain tensioner

Assembly & Disconnect

- Quick disconnect auger & feed tube (no tools required)
- Patented cartridge drive bearing assembly

Scales

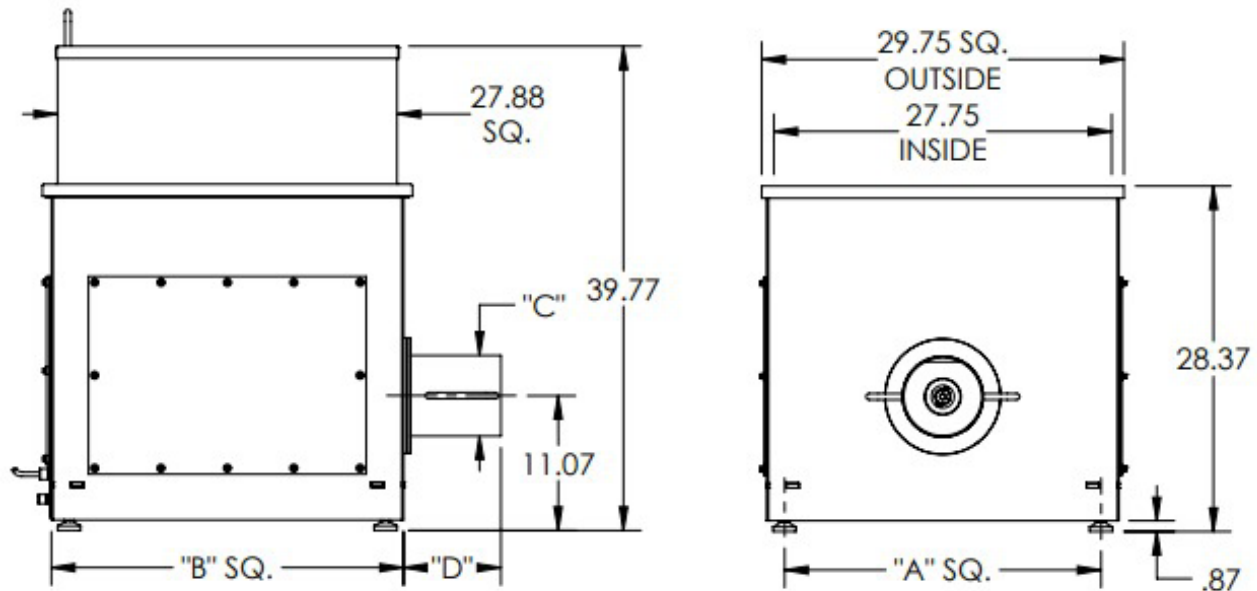
- Four load cells
- NEMA 4X summing box
- Integrated with feeder
- Gravimetric control



Options

- 316 stainless steel product contact
- Wash-Down Package Upgrades
- Extension hoppers and covers
- NEMA 4X
- Analog inputs and outputs
- Custom extension hopper
- Batch controllers
- Custom feed tubes & outlets
- Customized augers
- Explosion proof motors
- Ethernet IP, Modbus TCP-IP, or ProFiNet communications

SERIES 28 GRAVIMETRIC FEEDER



DIMENSIONAL DATA

A (IN.)	B (IN.)	C (MIN/MAX)	D (MIN)	FLEXFEED HOPPER VOLUME CAPACITY (FT ³)	OPTIONAL HOPPER EXTENSION CAPACITY (FT ³)
27.00	28.94	2.25" / 6.63"	8.00"	2.8	5 or 10

TECHNICAL DATA

STANDARD MOTOR HP	RATE CAPACITY (CUBIC FEET PER HOUR)	UNIT WEIGHT (LBS.)	AUGER SIZES AVAILABLE
3/4 H.P	30-800	350	2" - 6"

MATERIALS OF CONSTRUCTION

COMPONENT	CR-SERIES	S-SERIES
CABINET	304 STAINLESS STEEL #4 FINISH, EXTERIOR 2B FINISH, INTERIOR	304 STAINLESS STEEL #4 FINISH, EXTERIOR 2B FINISH, INTERIOR OPEN BOTTOM
CHASSIS	G90 GALVANIZED	304 STAINLESS STEEL 2B FINISH

CONTROLS

	TYPE	SPEED ADJUSTMENT	ENCLOSURE
TT20, DC MOTOR CONTROL	SCR	MECHANICAL POTENTI- OMETER	NEMA 12/4X
TT20, AC MOTOR CONTROL	VFD	VFD CONTROLLED	NEMA 12/4X

Tecweigh / Tecnetics Industries, Inc.
1201 N. Birch Lake Blvd
St Paul, MN 55110

800-536-4880 / 651-777-4780
www.tecweigh.com