



The Tecweigh® Model VF5 is the smallest unit in the Flex Feed® Family of feeders. Don't be fooled by its small footprint though. This feeder offers a wide range of auger sizes and configurations to accurately meter fine powders to pelletized materials. The flexible hopper, with external agitation paddles, makes easy work of the most difficult material. Upgrading to the dual drive configuration will allow independent control of auger speed and agitation level. Available for food grade or industrial applications even the most challenging materials are no problem. Add an extension hopper to increase the useable storage volume of the unit.

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

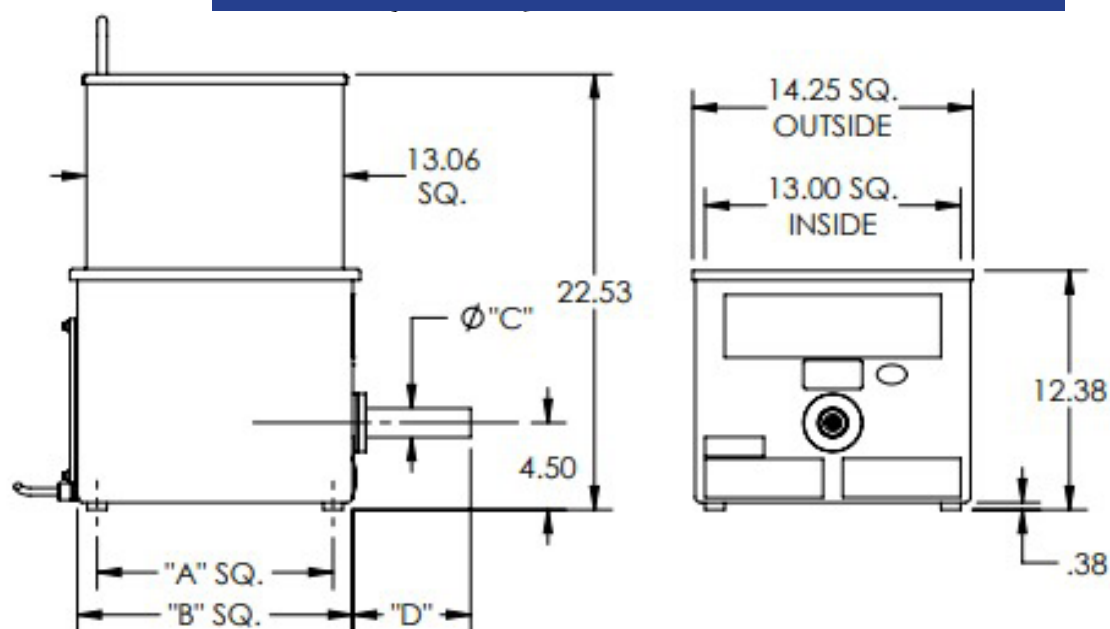
DC/AC Control

- Integrated Scale-bases
- DC motor with SCR drive
- AC motor with VFD's

Options

- Dual drive upgrade - independent paddle speed control
- 4-20 mA speed indication output signal
- 316 product contact
- Wash-down package upgrades
- Quater horse plower motor
- Extention hoppers and covers
- Speed pots for fast/dribble
- Loss/gain-in-weight batch controllers
- Custom feed tubes & outlets
- Custom augers
- Custom extension hopper

SERIES 5 VOLUMETRIC FEEDER



DIMENSIONAL DATA

A (IN.)	B (IN.)	C (MIN/MAX)	D (MIN)	FLEXFEED HOPPER VOLUME CAPACITY (FT ³)	OPTIONAL HOPPER EXTENSION CAPACITY (FT ³)
12.00	14.00	0.50" / 1.50"	6.00"	0.5	1 or 2

TECHNICAL DATA

STANDARD MOTOR HP	FEED RATE RANGE RATE CAPACITY (CUBIC FEET PER HOUR)	UNIT WEIGHT (LBS.)	AUGER SIZES AVAILABLE
1/8	Feed rate range of 0.0037-7.0 cubic feet per hour depending on auger size	50 - 90 LBS	1/4" - 1 1/4"

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
CHASSIS	G90 GALVANIZED	304 STAINLESS STEEL 2B FINISH

CONTROLS

	TYPE	SPEED ADJUSTMENT	ENCLOSURE
DC MOTOR CONTROL	SCR	MECHANICAL POTENTIOMETER	NEMA 12
AC MOTOR CONTROL	VFD	VFD	NEMA 12