

# Innovative ideas that give you precise processing control

ideas

Precisely feeds non free flowing materials.

External agitation minimizes material contact surfaces, cleaning and contamination.

Easily accessed, quick-coupled components reduce down time.



Perfect for volumetric or gravimetric (LIW) applications.

Options such as a hopper extension above the feeder can increase your surge capacity and time between refills.

Versatile design meets the requirements of more applications than any other feeder.

> **Maintains material quality.** The flexible hopper and external agitation keeps your material flowing efficiently into the dosing screw without causing degradation, segregation or agglomeration.

> **Minimizes cleaning and change over time.** Our external agitation design means there are fewer components which come into contact with your material. Acme threads enable Dosing Screws to be removed with a few simple turns.

> **The right equipment for your application.** While the versatility of the ARBOflex™ Feeder makes it the perfect fit for nearly all feeder applications, we conduct free material analysis in our test lab, for your added peace of mind.

> **5 year limited warranty.** We are so confident of hopper durability that we offer a five year limited warranty against premature hopper failure during normal use.

> **Tube Frame Construction.** Versus folded steel designs others may offer, our frame is constructed of tubular components for increased strength, stability and support of ancillary equipment.

> **Gravimetric or Volumetric.** Load cell system facilitates increased precision when it really counts.



**“ARBO was right on the money with a precision feeder that gave us all of the control we would ever need.”**

You face your own frustrating challenges moving powder bulk solids, whether it's spilled, lost or damaged product or conveying along unusual paths.

Challenges that cookie-cutter approaches won't solve and that takes time you don't have.

Drawing on decades of experience, we bring you ideas for the most efficient, reliable way to move your bulk materials in your particular circumstances—now and in the future. Our friendly, flexible staff responds quickly to keep you moving and makes getting the right system easy.

**More efficient material handling. More product kept intact. More answers to meet your special needs.**



**Your Feeder Experts**

# effective Solutions

## Operational Capacities

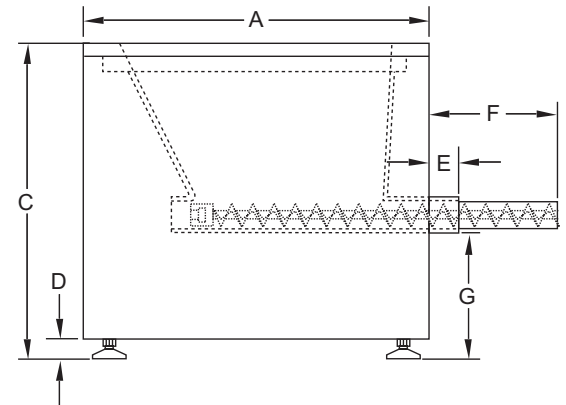
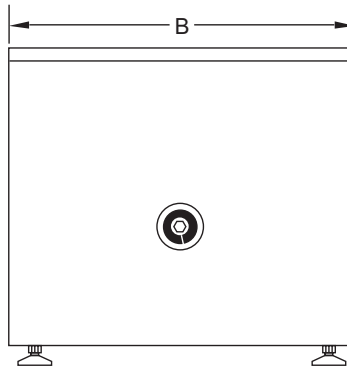
Standard Models And Theoretical Capacities		
Model	Hopper Capacity	Feed Rate
160	600 In <sup>3</sup>	60 Cubic inches to 5 cubic Ft. / Hr.
240	1 Ft <sup>3</sup>	1 Cubic Ft. to 50 cubic Ft. / Hr.
320	3 Ft <sup>3</sup>	5 Cubic Ft. to 1,100 cubic Ft. / Hr.

Auger options include flat, square, or round; with or without a center core



## Dimensions

Nominal Feeder Frame Dimensions			
Dimension	Model 160	Model 240	Model 320
A	15.75	23.63	31.50
B	15.75	23.63	31.50
C	12.63	16.56	26.0
D	0.81	0.81	1.38
E	0.88	1.75	3.94
F	5.94	5.94	9.82
G	3.81	4.38	5.56



## Features And Benefits



Tube frame construction provides a sturdy platform for stacking ancillary system components such as hopper extensions, airlocks or hoods.



Steel reinforcement molded into the flexible hopper flange enables it to retain its shape, maximizing its capacity, ease of handling and storage.



Molded hopper nozzle exits feeder enclosure permitting application without extension. Simplifies attachment of nozzle extensions, when required.



Dove-tail connector design allows hopper to be removed quickly and easily without tools. Unique bevel design prevents accidental de-coupling under load.



The flexible hopper can be removed vertically, from the top or, if top access is restricted, it can be removed horizontally from the front of the unit.



A premium finish, stainless steel, "water-cut", flat bar screen is located in the top of the unit minimizing the risk of accidental contact with the auger.

## Standard List Of Options:

- Hopper extensions
- T-Nozzle
- Cover with inlet ring and vent ring
- Stand-alone volumetric VFD
- Gravimetric (LIW) unit with load cells
- Independent gravimetric controls
- Integrated system controls



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