



schenckAccuRate



**SF Model 4000
Offset Feeder**

SolidsFlow™ Model 4000 Offset Feeder

The SolidsFlow™ Model 4000 Offset Feeder is excellent for applications where several feeders are positioned around a process or where headroom is limited. This feeder accurately meters bulk solid materials continuously or in batches through an offset discharge point to meet the needed requirements.

The Model 4000 is designed with a unique one-piece feed tray that controls material flow by accommodating the specific characteristics of the material. The tray works with the material's natural angle of repose to prevent any flow when the feed tray is turned off. No spillage. No run-on. High frequency, horizontal motion applied to the feed tray produces a consistent, uniform discharge of materials without the need of flow aid devices.

The Model 4000 is a perfect solution for feeding fine powders such as zinc oxide and polyethylene powder, as well as plastic pellets, to various processes. Batch accuracy is outstanding because of the feeder's ability to distribute the particles evenly.

FEATURES & BENEFITS:

- Reliable, uniform, continuous, non-segregated mass flow
- Outstanding batch accuracies
- Great for cluster feeding applications
- Simple—no moving parts, few spare parts needed
- No flow-aid devices needed
- Low operation costs
- Instant on, instant off

**For more information, please contact us at 1-800-558-0184 or Fax: 262-473-4384
E-mail: mktg@accuratefeeders.com • Web site: www.accuratefeeders.com**

Specifications

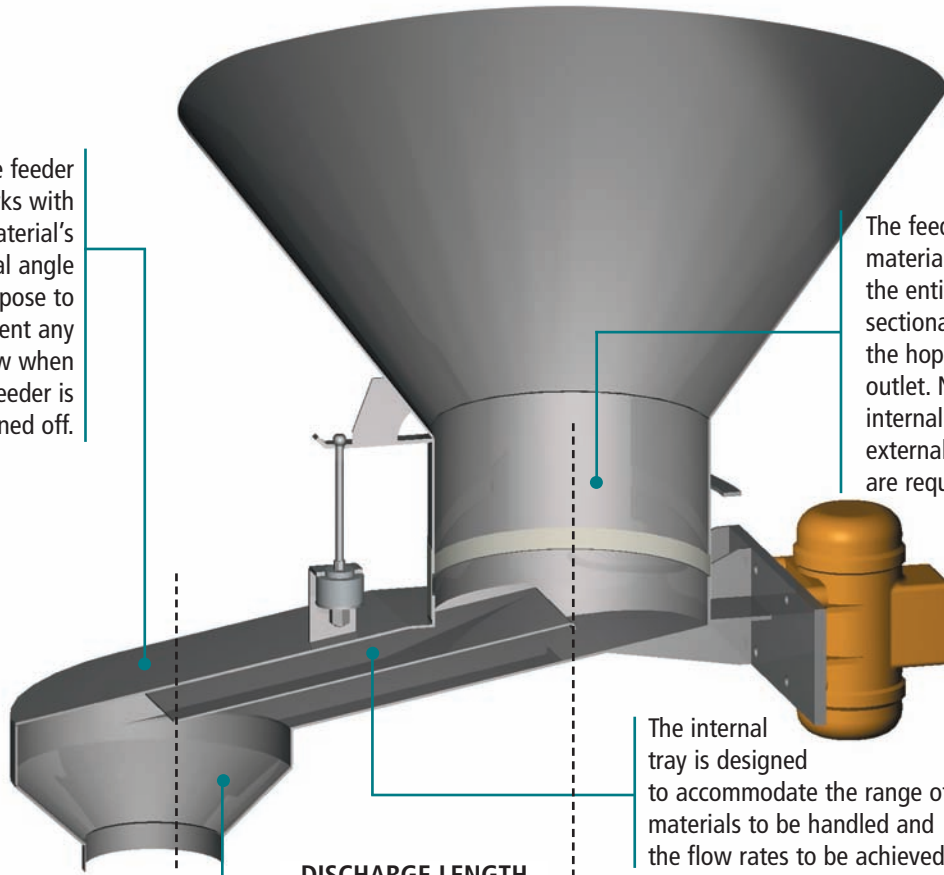
**SF Model 4000
Offset Feeder**

Specifications

SolidsFlow™ Offset Vibratory Feeder

The feeder works with the material's natural angle of repose to prevent any flow when the feeder is turned off.

The feeder shears material across the entire cross-sectional area of the hopper outlet. No other internal or external agitators are required.



DISCHARGE LENGTH
"Standard" discharge length is 1 1/2 times the feeder diameter from center line of inlet to center line of outlet.

High frequency, low amplitude vibration applied to the feed tray produces a consistent, uniform flow.

SolidsFlow™ Model 4000 Feed Rate Chart

Feed Tray Sizes	Minimum Feed Rate	Minimum Feed Rate (liters)	Maximum Feed Rate	Maximum Feed Rate (liters)
6" (152 mm)	.18 cu. ft./hr.	5	18 cu. ft./hr.	510
12" (305 mm)	.7 cu. ft./hr.	20	68 cu. ft./hr.	1,926
18" (457 mm)	1.3 cu. ft./hr.	37	134 cu. ft./hr.	3,795
24" (610 mm)	2.7 cu. ft./hr.	77	273 cu. ft./hr.	7,731
36" (914 mm)	6.0 cu. ft./hr.	170	614 cu. ft./hr.	17,389