SWECO® ACCU-FEED™ SYSTEM

MULTI-FUNCTIONAL, FULLY ADJUSTABLE DRY FEED SYSTEM

SWECO's Accu-Feed System combines the three functions of storage, feeding and screening of dry materials into one complete unit. The result is a substantial increase in productivity and significant savings in capital, space and energy.

At the core of every Accu-Feed System is the world's best-selling separator - SWECO's Vibro-Energy® Separator, able to size your product into two to five fractions down to 325 mesh. With its conical storage bin and adjustable feed controller, the Accu-Feed eliminates the need for stand alone feed hoppers, hopper evacuators and/or feeders, and screening separators. Mass-flow product discharge from the bin into the separator is significantly enhanced by introducing Vibro-Energy motion to the stored product. Plus, the feed rate (bin-to-separator) can be controlled with a simple, no–tools operation.

Two different models with custom features are available, including dust-tight bin accessories for batch or continuous loading, special coatings or linings, adjustable bin support legs and/or casters. Add all that to the wide range of sizes available, and SWECO's Accu-Feed System can handle just about any dry feed application you can throw into the hopper.
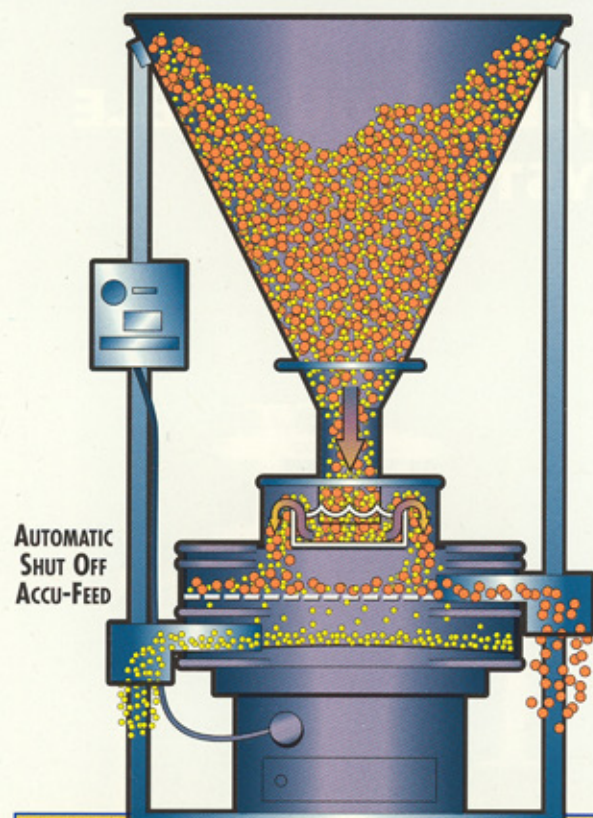
We Put Technology In Motion™
www.sweco.com

MODEL SHOWN WITH OPTIONAL CASTERS, BIN SIGHT GLASS AND MODULAR BIN EXTENDER

Accu-Feed—SWECO'S high productivity, broad application, dry feed unit

TWO MODEL OPTIONS AVAILABLE

AUTOMATIC SHUT OFF ACCU-FEED:

With this system, the flow of material stops when the separator is turned off for any reason, intentional or accidental; for example, at a power failure. Through the use of several different feed cones and the adjustment of the feed pipe, the Automatic Shut Off Accu-Feed System can be tailored to process any flow rate desired, no matter how high or how low. An optional bin closure valve for quick and easy screen changes and inspection is also available.

VALVE ACCU-FEED:

This system incorporates a flat cover with a synthetic orifice plate, which can be be turned with an exterior handle to eight different size orifices ranging from 1/2 inch to 2 inches (standard). The orifice sizes can be specified by our customer to meet their specific needs, including sizes larger than 2 inches. The handle can also be turned to an intermediate position which will close the orifice and, shut off the flow of material, eliminating the need for slide gates. This design does not allow product by-pass between the feed pipe and the orifice plate.

AUTOMATIC SHUT OFF ACCU-FEED

VALVE ACCU-FEED ORIFICE PLATE

STANDARD FEATURES:

Both of the SWECO Accu-Feed Systems are designed with features that simplify dry materials processing, including:
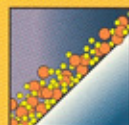- *A standard SWECO Vibro-Energy Separator or Low Profile Flow Thru Separator.*
- *A quick access inspection opening located in Separator cover for viewing while in operation.*
- *A conical storage bin with 45, 60 or 70 degree angle configurations.*
- *Four standard diameter sizes.*
- *Any size Separator will operate with any size storage bin.*

OPTIONAL FEATURES:

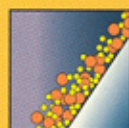*The Accu-Feed Systems can also be customized to provide you the highest measure of productivity and flexibility. Optional features include:*
- *Adjustable bin support legs and/or casters.*
- *Special coatings/linings.*
- *An inspection opening/sight glass in storage bin to determine material depth.*
- *A modified bin to include or work with drum dumper.*
- *Dust-tight bin accessories for batch or continuous loading.*
- *Modular bin wall extenders to increase storage capacity.*

45 Degree Bin
For flowable materials such as dry sand, steel shot, sugar and most granular materials.

60 Degree Bin
For hard to discharge materials, i.e., most fine powders.

70 Degree Bin
For toughest discharge applications including powders extremely sensitive to packaging or rat-holing, like flour mixes.

ACCU-FEED SIZING SPECIFICATIONS

| BIN DIAMETER | | 45 DEGREES | | 60 DEGREES | | 70 DEGREES | |
TOP	BOTTOM	HEIGHT	VOLUME	HEIGHT	VOLUME	HEIGHT	VOLUME
30	5.5	22.8	3.1	38.2	5.2	47.8	6.5
48	5.5	31.6	11.0	51.7	18.0	70.2	24.5
60	5.5	38.5	21.0	61.7	33.6	87.0	47.5
72	5.5	44.5	35.0	72.1	56.6	103.5	81.3

*Diameters & height are in inches
**Volume is in cu. ft.

SWECO *We Put Technology In Motion*™
• e-mail: info@sweco.com