

# SWECO®

## CANTILEVERED CENTRIFUGAL SIFTER

### NO TOOLS REQUIRED FOR DISASSEMBLY OR CLEANING

**W**hen gravity just isn't enough . . . Sweco® offers one of the broadest and most innovative product lines in the separation industry . . . the Sweco Cantilevered Centrifugal Sifter. This sifter utilizes centrifugal force generated by beater bars, propelling the product against a screen mesh, producing a high capacity separation device that separates material by particle size. The sifter can also be constructed to be run under pressure or vacuum if it's necessary for your application. This dust-tight unit produces no transmitted vibration and essentially no noise in typical production. The cantilevered design Sweco Centrifugal Sifter offers users high standards of hygiene and ease of operation which are unprecedented.

The Cantilevered Centrifugal Sifter can be entirely disassembled in a matter of minutes with no tools.

Additionally, the entire screen basket can be inspected without removing it from the machine.

With more than 60 years of separation experience, Sweco customers can be assured they will receive a quality product every time. The Sweco Centrifugal Sifter . . . another innovation that separates Sweco from the rest.



*We Put Technology In Motion™*  
[www.sweco.com](http://www.sweco.com)

HIGH CAPACITY SIFTING FOR THE  
FOOD, PHARMACEUTICAL AND  
CHEMICAL INDUSTRIES

**SWECO HEADQUARTERS**, P.O. Box 1509, 8029 U.S. Highway 25, Florence, KY 41022-1509: +1 (859) 371.4360 Fax: +1(859) 283.8469  
**SWECO MACON**, 2919 Joycliff Road, Macon, GA 31211-2805: +1 (478) 745.5419 Fax: +1 (478) 741.1394  
**SWECO EUROPE S.A.**, Rue de la Recherche, 8, Parc Industriel Sud-Zone I, B-1400 Nivelles, Belgium: +32-67-893434 Fax: +32.67.214368  
**SWECO ASIA**, 63 Hillview Ave. #03-02, Lam Soon Industrial Building, Singapore 669569: +65.6762.1167 Fax: +65.6762.1313  
**SWEQUIPOS S.A. DE C.V.**, Aut. Mex-Qro, #2500 Km. 23.2, Tlalnepantla, Edo. Mexico: +52 (5) 390-07-32, Fax: +52 (5) 565-98-18

# No Transmitted Vibration, Dust-Tight, Low Noise

## Processes of the Sweco Cantilever Centrifugal Sifter

### **Final Safety Screening**

Safety sifting both bulk product and minor ingredients to remove tramp materials such as string, packaging, nuts & bolts, etc. and to remove hard lumps of agglomerated product. Typically installed at the point of discharge from storage silos, super sacks, etc. . . .

### **Scalping**

Protecting processing or packaging equipment by removing the small percentage of material exceeding the maximum product specification.

### **Classification**

One or more sifters divide product into the various sizes required for further processing or packaging.

### **Conditioning**

Centrifugal sifters are an excellent means to enliven stored product to give it a more uniform density and to make it flow easier.

### **De-dusting**

Removal of fines that have been generated during processing and handling which will otherwise spoil the appearance of a packed product or cause a problem during subsequent processing.

### **De-agglomerating**

The positive action of the Centrifugal Sifter gently breaks up soft agglomerates that are made up of perfectly good product.

## Benefits of the Sweco Cantilever Centrifugal Sifter

- Clean, simple design
- High efficiency - time saved during inspection, cleaning and maintenance
- Operator friendly - no tools required for stripping down and cleaning
- Easy access to oversize end door for opening in seconds
- Easily removable sifter screen for inspection and cleaning
- No leakage or contamination at the oversize end
- 360° rotation of sifting screen means inspection of the complete screen without removing from the machine



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