

CENTRIFUGAL

CS



®

SWECO® CANTILEVERED CENTRIFUGAL SIFTER

HIGH CAPACITY, HIGH EFFICIENCY
SIFTER WITH NO TRANSMITTED
VIBRATION, LOW NOISE AND
DUST-TIGHT DESIGN.



CS6 CENTRIFUGAL SIFTER

CANTILEVERED CENTRIFUGAL SIFTER

High capacity sifting for the food, pharmaceutical and chemical industries.

FAST SCREEN CHANGING SYSTEMS

When 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 Centrifugal 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.

For easy cleaning, 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.



CS8 CENTRIFUGAL SIFTER

INSIDE THE SIFTER

Easy access to all internal components through hinged end door.

No tools required for access.

Easy removal of the end plate to access other components.

Screen slides out for simple inspection, cleaning or replacement.

Beater bars slide out for easy inspection and cleaning.



CENTRIFUGAL SIFTER PROCESSES

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.

TYPICAL APPLICATIONS

Aluminum Chloride	Cinnamon Powder	Slices
Animal Feed	Chili Powder	Silica Oxide Powder
Aluminum Oxide	Dextrose	Salt Powder
Activated Carbon	Detergent Powders	Sawdust
Aluminum Trhydrate	Dyes	Starch
Anti-oxidant Powder	Epoxy Powder	Silks
Boric Acid	Graphite	Sugar
Baking Powder	Gum	Spray Dyed Products
Bleaching Powder	Gypsum	Talc
Chalk	Gothic Powder	Titanium Dioxide
Calcium Carbonate	Lactose	Wood Flour
Carbon Bleach	Lime	Vitamin Powder
Cocoa	Milk Powder	Whey
Confectionery Powder	Pie Crust Mix	Zinc Oxide
Corn Starch	Paint Powder	... and more
Cellulose Powder	Pharmaceutical Powder	
Cement	Rubber Powder	



NO TOOLS REQUIRED FOR DISASSEMBLY

BENEFITS

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 transmitted vibration

Dust tight design

Low noise in production

No leakage or contamination at the oversize end

360° rotation of sifting screen means inspection of the complete screen without removing from the machine



Manufacturers worldwide rely on SWECO.

We span five continents with 9 manufacturing and support facilities and over 100 sales and service representative offices.

So, wherever you are, be assured that SWECO – the global leader in screening technology – is there when you need us.