

SP: The 21st Century Sieve Cleaner!

Because sifter efficiency is directly related to the proper cleaning of the sifting surface, choosing the right sieve cleaner is essential for consistently high sifter throughput. A sieve cleaner cleans most efficiently at its outer perimeter, thus making the shape and surface area of the cleaner very important. For many years, the “arched” triangular form has been recognized worldwide as the most efficient shape for this purpose. Today, this shape has been modified and optimized for a new generation of plansifters.

Enter the new SP Cleaner. (Patent No. U.S. 6095339). With an already well-proven perimeter shape, the **SP Cleaner** is the result of many recent mill trials and subsequent design updates. The most notable of these are the reinforced corners and protective barriers around the bristle tips. The field tests have been remarkable and these cleaners are now available for anyone wanting to increase their sifting efficiency.

SP CLEANERS: Proven in the Field

- Simultaneous sieve and pan cleaning without the use of a frame-mounted backwire
- Consistent, efficient cleaning that covers the entire cloth surface, including hard to reach corners
- Larger cleaner surface area and cloth coverage compared to other cleaners
- More contact points on the cleaner’s triangular surface keep the cleaner parallel to the sieve and eliminate binding
- Cleaners available with molded cleats or white bristles, covering a wide range of cleaning options

Because of the many types of products that are sifted and the numerous styles of bolting cloth available, the SP Cleaners come in several configurations; *molded stud* and *brush tip* style. Cleaners with molded studs are used for general-purpose sieve cleaning of wire mesh and synthetic cloths



from 200 microns and up, while cleaners with a bristled brush tip are designed to provide a more thorough cleaning of most synthetic cloths, especially those under 200µm. This style is also recommended for more aggressive cleaning applications, especially when sticky product is being sifted and where wire mesh sieve cloth is being used. The relatively large size of each cleaner provides a dramatic increase in cloth cleaning coverage (up to 30% over typical cleaners on the market), and is especially effective when cleaning the hard-to-reach corners of sieve compartments—great news for making sifting more productive. *SP Cleaners* are excellent for use in Buhler *NOVA* sieves.

Please contact Codema for more information.

CODEMA
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Codema has a variety of sieve & pan cleaners available for the most demanding sieve applications, including the new SP Sieve & Pan cleaner.

All triangular sieve cleaners start out with a durable yet elastic body material of high quality polyurethane meeting FDA specification no. 175.105, which means you can be assured of meeting food safety standards in your plant.

Certain models of the standard cleaners are then fitted with a metal slider rivet that promotes dynamic, rivet vibratory movement without coming loose. These cleaners will not become brittle and break apart with age, insuring a long life of effective cleaning with a minimum of frame wear, product contamination and little or no fumigant absorption.

MOLDED STUD: This cleaner is molded in one piece, including the projecting studs, and is effective for all wiremesh and synthetic cloths from 200 micron and upwards. This is our "general-purpose" model, with the small version being our most popular cleaner.

Available with plastic slider knob

Small: 22.1g; Order No. SIF-SIE-00201

Large: 29.6g; Order No. SIF-SIE-00211

Available with metal slider knob

Small: 22.1g; Order No. SIF-SIE-00200

Large: 29.6g; Order No. SIF-SIE-00210



WHITE BRISTLE: This model provides a higher degree of cleaning efficiency over the molded stud model, and is best suited for synthetic cloths. The sterilized bristles are held in place by a durable magnetic wire which is set completely into the cleaner body and can be recovered by magnets if separation should occur.

Available in:

Small: 26.5g; Order No. SIF-SIE-00101

Large: 33.0g; Order No. SIF-SIE-00111



BLACK BRISTLE: This cleaner provides the highest degree of cleaning efficiency and is used primarily for wire mesh cloths or areas where aggressive cleaning is required. Like the white bristle model, its bristles are held in place by a durable magnetic wire which is set completely into the cleaner body and can be recovered by magnets if separation should occur.

Available in:

Small: 27.1g; Order No. SIF-SIE-00100

Large: 33.1g; Order No. SIF-SIE-00110



The SP CLEANER: (Patent No. U.S. 6095339). With an already well-proven perimeter shape, the SP Cleaner (for simultaneous sieve & pan cleaning) is the result of many recent mill trials and subsequent design updates. The most notable of these are the reinforced corners and protective barriers around the bristle tips. The field tests have been remarkable and these cleaners are now available for anyone wanting to increase their sifting efficiency. The SP cleaner can be used in Buhler sifters (such as the Sirius line) utilizing sieves without backwires.

Double cleaner with tab:

Black bristle: Order No. SIF-SIE-00150

White bristle: Order No. SIF-SIE-00151

With Studs: Order No. SIF-SIE-00250



Pan Cleaners

Pan cleaners are molded using the same FDA approved polyurethane as our triangular sieve cleaners and are available in two models:

SOLID DIAMOND (Small): This pan cleaner offers effective cleaning in a compact, diamond-shaped design, and hold its shape and elasticity even over long, continuous use. This size is best suited for MIAG style sifters or other sifters with small compartments.

Order No. SIF-PAN-00300

HOLLOW DIAMOND (Large): This pan cleaner yields the ultimate in cleaning for standard size sifter compartments, while minimizing frame wear. Because of its larger dimensions (compared to the solid diamond style), this model has a molded cutout in the center to reduce weight and therefore maximize cleaning efficiency and product movement over the entire pan surface.

Order No. SIF-PAN-00301



Ball Cleaners

Codema furnishes ball sieve cleaners available in the following specifications:

Tan (Nitrile) rubber balls available in 5/8" (16mm) diameter, in 1000 count cartons

White (Natural gum) rubber balls available in 5/8" (16mm) diameter, in 1000 count cartons

Polyurethane balls available in diameters from 1/2" (13mm) up to 2" (50mm)

