



Product Information

Sanitary, Gap-Free Batch Sifter

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Sanitary, Gap-Free Batch Sifter

This VIBROSCREEN® Sanitary Sifter from Kason Corporation features gap-free screen frames, quick-disconnect clamps, radius corners, continuous ground and polished welds and a crevice-free interior finished to pharmaceutical standards.

The unit meets cGMP, 3-A, USDA and FDA standards and can be disassembled with no tools for rapid sanitizing. It is intended to scalp oversized particles as small as 25 microns (500 mesh) from dry bulk materials or solids-laden slurries.

The screen frame's interlocking flange fully envelops the support ring of the screen, allowing the wire mesh of the screen to fully extend to the interior walls of the frame, eliminating the gap between the screen ring and frame wall of conventional screeners where material would collect.

The sifter can eliminate contamination due to bacteria growth while improving sanitizing efficiency, making it suitable for pharmaceutical products and other contamination-sensitive bulk materials.

Screens are mounted to support rings using FDA approved epoxy and sealed using FDA approved gasket material, and can be provided with a mesh-tolerance certificate. The wire mesh screening material is offered in 304, 316 and "magnetic" 400-series stainless steel that, if broken, can be captured by a downstream magnet.

The sifters are offered in diameters of 18, 24 and 30 in. (450, 610 and 750 mm), and can be equipped with either single or twin imbalanced-weight gyratory motors.

The gyratory motor imparts multi-plane inertial vibration to the spring-mounted screening deck. On-size particles pass rapidly through the screen in a vertical discharge path at higher rates than with circular screeners having centrally-mounted gyratory motors and horizontal discharge paths. Oversize material can be removed manually or with a vacuum.

Options:

- Clean-In-Place (CIP) Design, Construction and Finish
- Design, Construction and Finish to Pharmaceutical Specifications
- Ball Tray Anti-Blinding Device
- Kleen Screen Anti-Blinding Device
- Ultrasonic Anti-Blinding Device for fine powders
- Design, Construction and Finish to FDA, 3-A, BISSC, EEC and other sanitary standards
- Four-Finger Flex Wiper Anti-Blinding Device
- See Thru Cover

