



Product Information

Ultra-Sanitary, Double-Deck Screener

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Ultra-Sanitary, Double-Deck Screener

Kason's VIBROSCREEN® Ultra-Sanitary Double-Deck Screener for scalping, de-dusting and dewatering of contamination-sensitive materials meets cGMP, 3-A, USDA and FDA standards. The unit features gap-free screen frames, quick-release "U" clamps, radius corners, a domed lid, an Air-Lift device to raise the frames, continuous ground and polished welds, a gap-free and crevice-free interior and a washable underside.

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

The screener dramatically reduces the possibility of contamination due to bacteria growth, while improving sanitizing efficiency, making it suitable for pharmaceutical, food and dairy applications, as well as chemical applications where cross-contamination is a concern.

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.

Adding to the unit's cleanliness are a domed lid, discharge spouts with radius corners, continuous weld seams and material contact surfaces polished to a sanitary finish, and a 3-post, open base with stainless steel motor enclosure allowing thorough wash down of the unit's underside and plant floor.

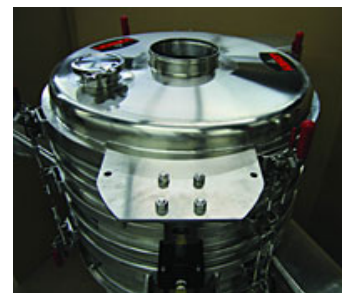
The screener can be equipped with a Clean-In-Place (CIP) spray wash system and designed to operate under a blanket of an inert gas.

The screener is also equipped with the company's "Air-Lift" system, allowing rapid access to the upper and lower screening chambers for cleaning, inspection and/or screen changes. The U-shaped quick-disconnect vertical clamps are lockable and allow disengagement of upper and lower screen frame sections significantly faster than with conventional band clamps, reducing downtime and allowing one operator to perform what was previously a two-person task, depending on screen diameter.

Controls are housed in a lockable panel and can interface with existing PLCs for remote control.

Options:

- "Air-Lift" Quick Screen Change System
- "Clamshell Lid" Quick Screen Change System
- 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
- Auto-Lube Automatic Lubrication System for gyratory motors
- Design, Construction and Finish to FDA, 3-A, BISSC, EEC and other sanitary standards
- Four-Finger Flex Wiper Anti-Blinding Device



- High Capacity "Kascade" Internal Recycle Screening Decks