

VIBROSCREEN® Circular Vibratory Screeners



Single-Deck Vibratory Screener

Satisfies general screening requirements at low cost

Kason single-deck screeners separate solid particles ranging from 5 cm to 25 microns in size from dry or moist bulk solid material or solids-laden slurries, on a batch or continuous basis. Multi-plane inertial vibration maximizes throughput and gentle product handling. Offered in diameters from 18 to 100-in. (460 to 2540 mm) and constructed to worldwide standards for industrial, food, dairy and pharmaceutical applications. Options are offered for rapid screen changes, in-place cleaning and fast, thorough wash down. Available for rapid shipment.



FLO-THRU Low-Profile, High-Capacity Scalper

Separates at high rates in low-headroom areas

FLO-THRU VIBROSCREEN® separators employ two imbalanced-weight gyratory motors mounted on the exterior of the unit (instead of one motor positioned beneath the screening chamber), reducing minimum height requirements significantly. This enables the bottom outlet to be located directly below the top inlet, allowing material to fall vertically through the screen at high rates. Available in diameters from 18 to 84-in. (460 to 2135 mm). The external location of gyratory motors also makes Flo-Thru models suitable for high temperature applications.



Single and Multi-Deck Vibratory Screener

Sifts, scalps and/or classifies into precise segments

Kason VIBROSCREEN® separators with single or multiple decks (shown) yield up to five precise particle classifications from 5 cm to 25 microns (500 mesh). Available with a variety of anti-blinding devices, they handle dry, moist, lumpy, stringy and otherwise difficult-to-handle bulk material on a batch or continuous basis. They are available constructed of stainless steel to industrial or sanitary standards, in diameters from 18 to 100-in. (460 to 2540 mm). Options available for rapid screen changes, in-place cleaning and fast, thorough wash down.



Vibratory Screener with Clamshell Lid

Allows rapid screen changes, easy wash down

All VIBROSCREEN® vibratory screeners from 30 to 60-in. (760 to 1525 mm) in both single- and multi-deck configurations are available with Kason's exclusive "Clamshell" option. The hinged lid and/or frames are released via quick-disconnect clamps and held in an open position by gas pistons, allowing rapid screen changes, inspection and easy, thorough wash down of all interior surfaces. The Clamshell Lid accepts screens with or without center tensioning construction, and accommodates screen decks with or without anti-blinding devices.



"Air-Lift" Quick Screen Change System

Allows quick, easy cleaning, screen changes, inspection

The Kason Air-Lift system allows one operator to gain rapid access to the interior of any circular vibratory screener for screen changing, cleaning or inspection. Two vertically-mounted air cylinders raise/lower the upper frame, which is secured with a safety lock-out. Eliminates potential worker injury, oil leakage, frame cocking and manual requirements associated with hydraulic systems that protrude from screener bases. Available for any make or model of circular vibratory screener from 40 to 100-in. (1016 to 2540 mm) in diameter.



Ultra-Sanitary, Gap-Free Screener

Meets cGMP, 3-A, USDA and FDA standards

The VIBROSCREEN® Ultra-Sanitary Screener 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 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. Eliminates the gap between the screen ring and frame wall of conventional screeners where material typically collects.



Pharmaceutical/Sanitary CIP Sifter

Sanitizes quickly, thoroughly, using CIP spray heads

Kason's VIBROSCREEN® sifter for pharmaceutical/sanitary applications features all-stainless construction finished to cGMP, USDA, FDA, 3-A, and BISSC sanitary standards. Quick-disconnect clamps allow two-minute disassembly of all water supply hoses, clean-in-place (CIP) spray head fittings, and screen frame sections for inspection or screen changes. The screen frame's interlocking flange eliminates the gap between the screen ring and frame wall of conventional screeners where material would otherwise collect. Available in diameters from 18 to 60-in. (460 to 1525 mm).



Ultra-Sanitary Low-Profile Batch Screener

Meets cGMP, 3-A, USDA and FDA standards

VIBROSCREEN® Low-Profile, Ultra-Sanitary Batch Sifters in diameters of 18, 24 and 30-in. (450, 610 and 760 mm) scalp oversize particles down to 38 microns (400 mesh) from bulk materials. They feature gap-free screen frames, quick-disconnect vertical clamps and all-stainless construction. The screen frame's interlocking flange fully envelops the support ring of the screen, allowing the wire mesh of the screen to extend to the interior walls of the frame, eliminating the gap between the screen ring and frame wall of conventional screeners where material would otherwise collect.