

Circular Vibratory Screener



The world's largest Round Vibratory Screener can separate oversize particles from bulk material at rates up to 150 tons per hour. Product has a screen area in excess of 75 ft² (7 m²). Totally enclosed for dust-tight operation, this unit features a high-capacity screening deck design with two screens of the same mesh operating in series, allowing large-scale throughput without sacrificing efficiency or increasing its footprint. Positioned directly above the conventional screening deck, the Cascade deck is of slightly smaller diameter, allowing for a 360° annular gap at the screen's periphery. As this deck is fed with material at high rates, the on-size material falls straight through the screen of the Cascade deck and is funneled through a hole in the center of the lower conventional screen to the machine's discharge outlet. The overflow material (both on-size and oversize) then cascades over the screen's periphery, and onto the conventional screen deck that scalps the balance of material in normal fashion. Other features include an [Air-Lift](#) [1] quick screen change that allows rapid access to the interior of the unit for inspection, cleaning or screen changes, and an [Auto-Lube](#) [2] automatic lubrication system that pressure-feeds food-grade lubricant to the gyratory motor bearings, extending bearing life by flushing out any dead spots where lubricant might pool, and allowing 6 to 12 months between reservoir replacements. Offered in gravity-fed and in-line pneumatic models for batch or continuous operation, and available to industrial or sanitary standards, the separator is suitable for scalping of bulk food products such as sugar, salt, flour, or starch.

Kason Corporation www.kason.com [3]

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<http://www.foodmanufacturing.com/product-releases/2014/08/circular-vibratory-screener>

Links:

[1] http://www.kason.com/Vibroscreen/options.php#air_lift

[2] http://www.kason.com/Vibroscreen/options.php#auto_lube

[3] <http://www.kason.com>

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