

GKM Bag Emptying Station KTS-V2 800/KTS-VS2 800

This version of the GKM Vibratory Control Screener - KTS-V2/VS2 was specially developed for the control screening of raw materials and powders when fed via a bulk bag discharge station. Due to the optimally adjusted in feed height and the hinged lid, this provides product quality and operator efficiency as well as operator protection.



Standard



Double-clamping sieve for easy self remeshing



Screen frame with glued mesh cloth ideal for Pharma/Food use



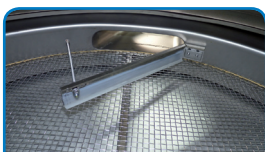
Mobile frame for flexible use & easy of movement



Hinged lid with a dust tight discharge chamber



Integrated dust extraction system for user protection and environmental safety



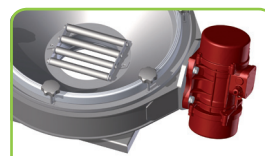
Stainless steel 1.4301 product contact parts



Options



Grid to protect the mesh cloth



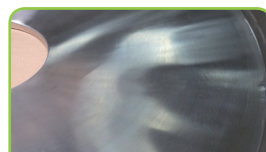
Product safety through integrated or downstream Magnet



Individual lids for finished containers, complete dust-tight system



Control cabinet with on, off and emergency stop, counter acting brake & motor protection switch



Finishes adequate for Pharma/Food standards offering application specific polishing and/or ViwateQ® treatment



ATEX certified

Application

Different raw materials, such as spices, flavourings, sugars, flours and milk powders are often supplied in sacks, bags or pouches for further processing in the production process. The closed discharge chamber included within this unit protects operators from being subjected to dust inhalation as well as to ease the discharge of product and to ensure minimal product spillage. As is the expectation of all screeners within the GKM range, this model maintains the quality of all raw materials by efficiently removing all impurities and oversized particles without effecting the high throughput rates required by demanding / fast paced production lines within the Pharma & food industries.

Application examples



Process data

Product	Aggregates for powder production
Feed rate Kg/hr	20–30 x 30 kg Sacks, Bags, Cartons
Bulk density	ca. 1,200 gr/l
Separation	0.500 mm
Required particle size	99 % < 0.5 mm
Special features	ATEX, DC brake motor for immediate stop of the machine. Intermediate ring height 150 mm



Process data

Product	Baking powder – sodium bicarbonate
Feed rate Kg/hr	12 x 30 kg Sacks, Bags, Cartons
Bulk density	ca. 600 gr/l
Separation	1.0 mm
Required particle size	99 % < 1.0 mm
Special features	Control screener, C/W height adjustable discharge chamber & product supporting shelf for operator safety & reduction in product spillage. FDA compliant



Process data

Product	Breadcrumbs
Feed rate Kg/hr	Batch
Bulk density	500 g/l
Separation	4.0 mm
Required particle size	99 % < 4.0 mm
Special features	Includes On/off switch, integrated base frame for standard production trolleys, grounding, rubber ball anti-blinding facility.

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