

INNOVATION. PASSION. SUCCESS.

High Capacity Screening Machine KTS-VS2

The KTS-VS2 screener has been designed primarily for the control and safety screening e.g. being placed inline before bagging stations and as a policing mechanism while receiving materials via truck loading. This screener is ideal for bulk manufacturing given its efficiency & high throughput rates of up to 200 m³/h. It is equally efficient when used in either dry or wet screening. The screener has been designed using the highest quality materials allowing it to be used within both the pharmaceutical and food sectors as well as being robust enough to meet the demand of heavy duty industrial applications.



Standard



High throughputs through centred inlet & outlet



Self-centring screens for a quick and easy screen exchange



Continuous removal coarse and foreign particles



Product contact parts made of stainless steels 1.4301/304 Standard



Options



Quick, tool-free disassembly and assembly through quick clamps



Pneumatic deck lifters for a fast screen exchange



Pharma and high-grade food finish with ViivateQ[®] treated surfaces



ATEX certified

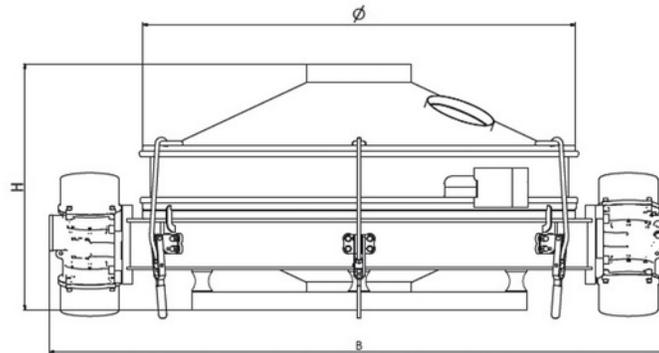
Your main benefits include ...

- Modular, self-centring building block system with only a few components
- Low overall height
- Extremely high throughput capacity per m² of screening surface
- Optimised and adjusted to the respective product and application (Plug & Play!)
- Robust and dustproof design made of pressure parts
- Easy access allowing quick screen change, cleaning, maintenance & complete disassembly
- FDA and EG 1935/2004 compliant seals, connecting hoses and screen inserts
- Up to 100% availability in a 24h operation, very low maintenance
- Bespoke customer solutions & easy integration into surrounding process (e.g. conveyor belt and vibrating feeders, mobile base frame, pneumatic deck lifters and much more)

Datsheet

Particle feed sizes:	1 µm – 20 mm
Feed rates:	1 kg/h – 200,000 kg/h
Bulk densities:	200 – 10,000 g/l bzw. (l/h)
Mesh openings:	36 µm – 20 mm
Mesh cloth material:	Stainless steel mesh cloth (various materials 1.4301, 1.4401, 1.4016, 1.4462 and many more), PA/PES mesh cloth
No. of screen decks:	1 – 2 per machine
Anti blinding system:	Rubber balls, Ultrasonic, plastic rings, combinations available upon request
Speed range:	1,500 (1,800) min–1 bei 50 (60) Hz
Screen movement:	High frequency, two dimensional, adjusted according to the product
Acceleration/ Amplitude:	4 – 6 g / 4 – 8 mm
Materials:	Stainless steel, special steels, FDA/EU Norm 1935/2004 compliant rubber parts
Surface Finishes:	High frequency, two dimensional, adjusted according to the product
Bestseller:	Milk powder, Sugar, Pharmaceutical Ingredients, Powder Coatings, Plastics, Cement and much more

Dimensions



Model sizes KTS-VS2	600	800	1000	1200	1600	3888
Screening Area (m2)	0.29	0.42	0.725	1.1	1.9	2.6
Width (mm) B Ø	1140	1342	1510	1790	2394	2777
Diameter (mm) Ø	681	781	1021	1271	1601	1901
Motor power (kW)	0.7	0.7	1.24	1.24	1.8	3.6
Weight (kg)	130	197	250	275	450	750
1 Deck (Height mm) H	541	567	593	649	874	842

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