

INNOVATION. PASSION. SUCCESS.

Vibrating Tumbler Screener KTS-VS

This screening machine is particularly suitable for control-, separation- and dust-removal screening of high-value products.



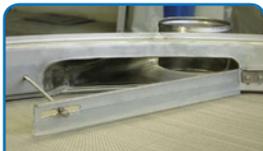
Standard



Dust and gas-tight click-on system



Self-centered screen inserts



Simple fine-tuning with deflector



Product contact parts in stainless steel 1.4301



Options



Pneumatic cover opening



ATEX certified



Mobile support



Quick clamps for easy and fast screen exchange

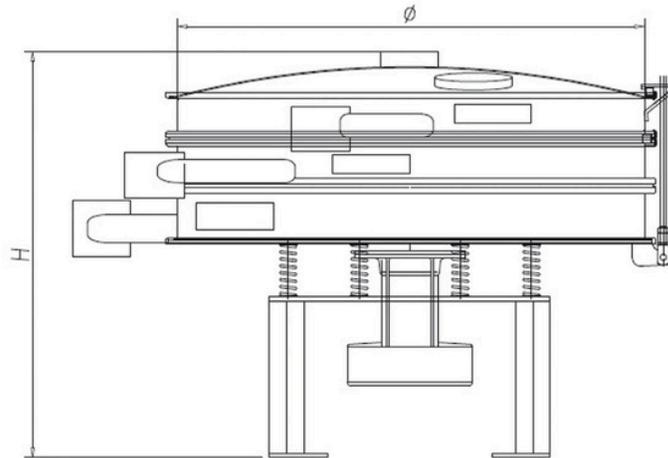
Your main benefits include ...

- Modular, self-centering and expandable design
- Up to 4 fractions simultaneously on each machine
- Dustproof and CE compliant
- Delivered ready to operate and adjusted for each product
- Drive by a vibratory motor
- Robust design
- FDA approved rubber and plastic materials
- Up to 100% availability in 24 h operation
- Fast and simple on-site re-meshing

Datasheet

Particle feed sizes:	1 µm – 20 mm
Feed rates:	1 kg/h – 5.000 kg/h
Bulk densities:	20 – 10.000 g/l
Mesh openings:	20 µm – 20 mm
Screens usable:	Stainless steel or plastic wire mesh fabric, perforated plates
No. of screen decks:	1 – 3 per machine
Anti blinding systems:	Rubber balls, Ultrasonic, combinations
Speed range:	1.500 / 3.000 (1.800 / 3.600) min ⁻¹ at 50 (60) Hz
Screen movement:	high frequency, three-dimensional, set to product
Acceleration/A mplitude:	3 – 6 g / 3 – 6 mm
Materials:	Stainless steel and special steel, rubber matreials FDA compliant
Surfaces:	Painted, brushed or ground, mirror or electro polished for food and pharmaceutical products with a surface roughness of < 0.4 microns

Dimensions



Screening surface (m ²)	0.29	0.42	0.79	1.13
Diameter (mm) Ø	674	774	1018	1262
Motor power (kW)	0.24	0.24	1.20	1.20
Weight (kg) 1 Deck	100 – 130	135 – 200	250 – 300	300 – 360
(Height mm) H 2 Decks	725	725	790	925
(Height mm) H 3 Decks	840	840	905	1050
(Height mm) H	955	955	1020	1175

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