

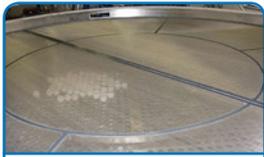
**INNOVATION. PASSION. SUCCESS.**

## Ultimate Tumbler Screening Machine KTS

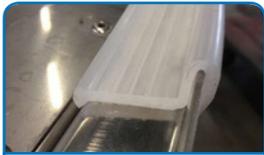
This screening machine is ideally suited to separate and dedust dry, powdered and granular products. Particularly suitable for high feed rates and multi deck separations of fine, lightweight and difficult to screen products.



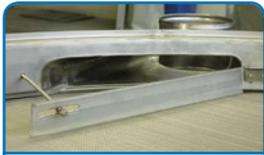
### Standard



Self-centered screen inserts  
(KTS 2400 Screens are made of two pieces)



Dust-proof  
click-on system



Simple fine-tuning  
with deflector



Statically and dynamically  
balanced for vibration free  
installation in steel structures



### Options



Patented pneumatic  
deck lifters/spanners



Patented manual  
deck lifters



Quick clamps for easy  
and fast screen exchange



ATEX  
certified



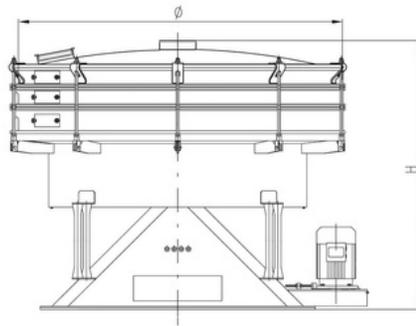
### Your main benefits include ...

- Modular, self-centering and expandable design
- Up to 7 separations simultaneously on each machine
- Slow speed and three-dimensional motion for optimal screening
- Delivered ready to operate and optimized for each product (Plug & Play)
- Up to 100% availability in 24 h operation
- Low acceleration and low maintenance requirements, no product degradation
- Dustproof, CE compliant, FDA approved rubber and plastic materials
- Stainless steel 1.4301 intermediate rings and screen frame are standard
- Very competitively priced with short delivery times

## Datasheet

Particle feed sizes:	1 µm – 20 mm
Feed rates:	1 kg/h – 50.000 kg/h
Bulk densities:	20 – 10.000 g/l
Mesh openings:	20 µm – 20 mm
Screens usable:	Stainless steel, plastic woven mesh cloth or perforated plates
No. of screen decks:	1 – 6 per machine
Anti blinding systems:	Rubber balls, Ultrasonic, rotating air nozzles, rotating roller brushes; combinations available upon request
Speed range:	180 – 280 min <sup>-1</sup>
Screen movement:	Three-dimensional, set to product
Acceleration:	1.3 – 1.8 g / 60 – 80 mm horizontal and 5 – 40 mm vertical
Materials:	Carbon steel, stainless and special steels, rubber materials 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



Model sizes KTS	600	1000	1200	1600	2000	2400	2600
Screening area (m <sup>2</sup> )	0.3	0.725	1.1	1.8	2.6	4.5	5.3
Diameter (mm) Ø	630	900	1100	1601	1901	2471	2672
Motor power (kW)	0.25	1.50	2.20	4.00	4.00	5.50	5.50
Weight (kg) 1 Deck	215 – 300	500 – 950	900 – 1100	1280 – 1580	1300 – 1700	2400 – 2800	2500 – 3000
(Height mm) H 2 Decks	817	944	1264	1283	1396	1572	1582
(Height mm) H 3 Decks	930	1058	1378	1397	1510	1686	1696
(Height mm) H 4 Decks	1043	1172	1492	1511	1624	1800	1810
(Height mm) H 5 Decks	1156	1286	1606	1625	1738	1914	1924
(Height mm) H 6 Decks	1269	1400	1720	1739	1852	2028	2038
(Height mm) H	1383	1514	1834	1853	1966	2142	2152

## CONTACT US



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