

## ADVANTAGES

Efficient separation by density

- Precise separation of liberated and dry bulk solids into light and heavy fractions

High separation efficiency coupled with precise material screening

- Ideal for fine adjustment with challenging material fractions

Flexible process optimisation

- Wide Range of adjustable parameters such as air volume, vibration frequency and screen inclination depending on the material properties

Pneumatic screen clamping optional

## OPERATING PRINCIPLE

Material feed via feed hopper

- Constant distribution across the entire width of the working screen due to integrated distribution chute

Vibrating working screens with air flow from below

- Feed Stock is fluidised-light material "floats" on the material bed and flows to the light material outlet due to the inclination of the screen, thus reducing the amount of material to a minimum, Heavy material sinks onto the working screen and is transported to the heavy material outlet by the vibrating movement

Blow-back flap

- Adjustable airflow to regulate heavy material fraction

Extraction with negative pressure

- Regulation of dust emissions through connection to dedusting system

## APPLICATION

- Separation of free-flowing bulk materials according to density
- Concentration of different materials/fractions
- Separation of impurities



## TECHNICAL DATA

Type	TTS300x1000	TTS600x1000	TTS900x1000	TTS900x1200	TTS1200x1600
Screen width	290 mm	590 mm	890 mm	890 mm	1190 mm
Screen length	1.000 mm	1.000 mm	1.000 mm	1.200 mm	1.600 mm
Screen area per screen level	0,29 m <sup>2</sup>	0,59 m <sup>2</sup>	0,89 m <sup>2</sup>	1,07 m <sup>2</sup>	1,9 m <sup>2</sup>
Number screen levels	1				
Number outlets	2 (light/heavy goods)				
Screen clamping	manual	manual/ pneumatic	manual/ pneumatic	manual/ pneumatic	manual/ pneumatic
Weight	ca. 460 kg	ca. 600 kg	ca. 700 kg	ca. 850 kg	ca. 2.080 kg
Dimensions (LxWxH)	1605 x 585 x 1351 mm	1738 x 885 x 1351 mm	1738 x 1287 x 1351 mm	1960 x 1310 x 1381 mm	2418 x 1630 x 1720 mm
Dimensions without outlets (LxWxH)	1140 x 585 x 1351 mm	1140 x 885 x 1351 mm	1140 x 1287 x 1351 mm	1340 x 1310 x 1381 mm	1950 x 1630 x 1720 mm