



TROMMEL SCREEN TSC RANGE

With simple and flexible design, TSC offers the essential features to produce quality screening. TSC trommels are made of a hopper, a screening drum, and the support frame.



HOPPER

The TSC hopper is integrated into the screen frame. It is large enough to be easily loaded with a large telescopic loader bucket or similar. The screening material is fed into the drum through the moving bottom. This is equipped with a smooth rubber belt.



DRUM

TSCs use the inclined drum principle. The screening material moves forward due to the inclination of the drum. The inclined drum has a higher screening capacity with a smaller working surface than horizontal ones.



FRAMES

The standard frame is made of a common base that includes the hopper-drum unit. The frame can be completed with a travel axle or integrated with different conveyors and legs to suit your different needs and your application.



COMPONENTS

		TSC-1535	TSC-1950	TSC-1960
Drum screen diameter	m	1,55	1,89	1,89
Drum screen overall length	m	4	6	7
Screening area	m ²	13,9	25	30,5
Hopper volume	m ³	2,5	4	4
Feeding height	m	≈ 4,5	≈ 4,5	≈ 4,5
Diesel engine power	ch	50	83	83
Electric motor power	kW	18	30	30
Indicative capacity	m ³ /h	40	100	120



TILTED DRUM TECHNOLOGY

Inside the drum, the material moves forward thanks to both the drum inclination and the lifting bars.



MECHANICAL REFINING EFFECT

The material is drawn upwards in the drum and then falls down on a perfectly clear floor of the drum. The impact due to the fall allows to break and better screen agglomerated balls.



EFFICIENT SCREENING

The grids are made of round section wires which make easy for the fine material to pass through. It is a top efficient sifting mesh. Additionally, the drums are equipped with monofibre wear resistant brushes for self-cleaning action.



OPTIMIZED YIELD WITH COMPACT MACHINE

The efficiency of the screening technology ensures larger production capacity on a shorter length drum.



CLOG FREE

The inclined drum technology avoids use of conveying auger inside the drum, which considerably reduces grid clogging.



VERSATILE USE

Users can adjust the drum rotation speed as well as the drum feeding speed depending on working requirements.

AVAILABLE ACCESSORIES



Various choices of mesh grids or perforated plates mesh



Remote control
In site transport wheels



Conveyor lengths