

Plateo

Coarse Screening Technology



Key Benefits

→ **Wide range of shaft sleeves for the cut size**

→ Speed frequency regulation

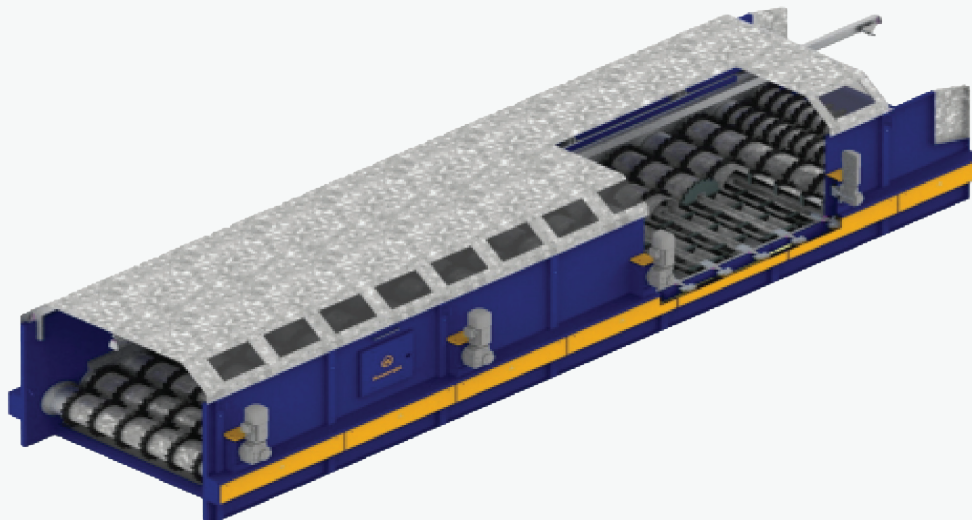
→ Low wear machine

→ Easy Operation and Maintenance

→ Energy efficient

→ Encapsulated design for maximum safety

→ Max installed power of 4 x 5.5 kW



OUTPUT MATERIAL



Anaergia Solution

Plateo is versatile and separates recyclable materials with cut sizes between 50 and 250mm. A torque limiter integrated in each shaft actively prevents blockages and material ragging. This design also counteracts damage to the shaft and drive system.

Depending on the model and the parameters of the input material, the PLATEO screen series delivers outputs in excess of 60t/h*, measured on a bulk density of 350kg/m³.

The robust and innovative design of the screen deck guarantees fault-free, low-maintenance operation and long-lasting optimization of the separation result long-lasting optimization of the separation results.



Applications

- Optimal adaptability to the material parameters provides the purest screen fractions
- Variation of the separation quality with the speed (frequency regulation)
- With the continuous feed of the output material, sorting results can be improved for the long-term
- Low operating costs due to reduced wear and efficient drives

TECHNICAL DATA	PLATEO 7000		PLATEO 9000	PLATEO 12000
	15	20	20	20
Lenght (screen-area)	7000 mm		9000 mm	10600 mm
Working width	1500 mm	2000 mm	2000 mm	2000 mm
Width (exterior; excl. drivers)	1980 mm	2480 mm		
Design height	2500 mm			
Design height (excl. cover)	2000 mm			
Screen surface	10.5 m ²	14 m ²	18 m ²	23 m ²
Weight	7.5 t	8 t	9 t	13 t
Volume flow	42 m ³ /h	57 m ³ /h	114 m ³ /h	170 rpm
Capacity at 350 kg/m³	15 t/h	20 t/h	114 t/h	60 t/h
Drive power	2 x 5.5 kW		3 x 5.5 kW	4 x 5.5 kW