

KENTRO

FINE SCREENING PERFECTED



BENEFITS AT A GLANCE

POWERFUL AND EFFICIENT FOR THE PUREST SCREEN FRACTIONS

Our KENTRO series of screens can be used on the widest range of materials that are difficult to screen. By replacing the shaft sleeves and adjusting the speeds, certain performance parameters can be individually adapted. This includes both cut accuracy and cut sizes, which can vary between 10 and 150mm depending on the diameter of the star.

Thanks to the design of our screen, material build-up and clogging of the screen holes are actively preven-

ted. In the process, a continuous transfer of outgoing fractions to the downstream processes is guaranteed. Depending on the model and the parameters of the input material, the KENTRO series screens deliver an output of up to 400m³/h.

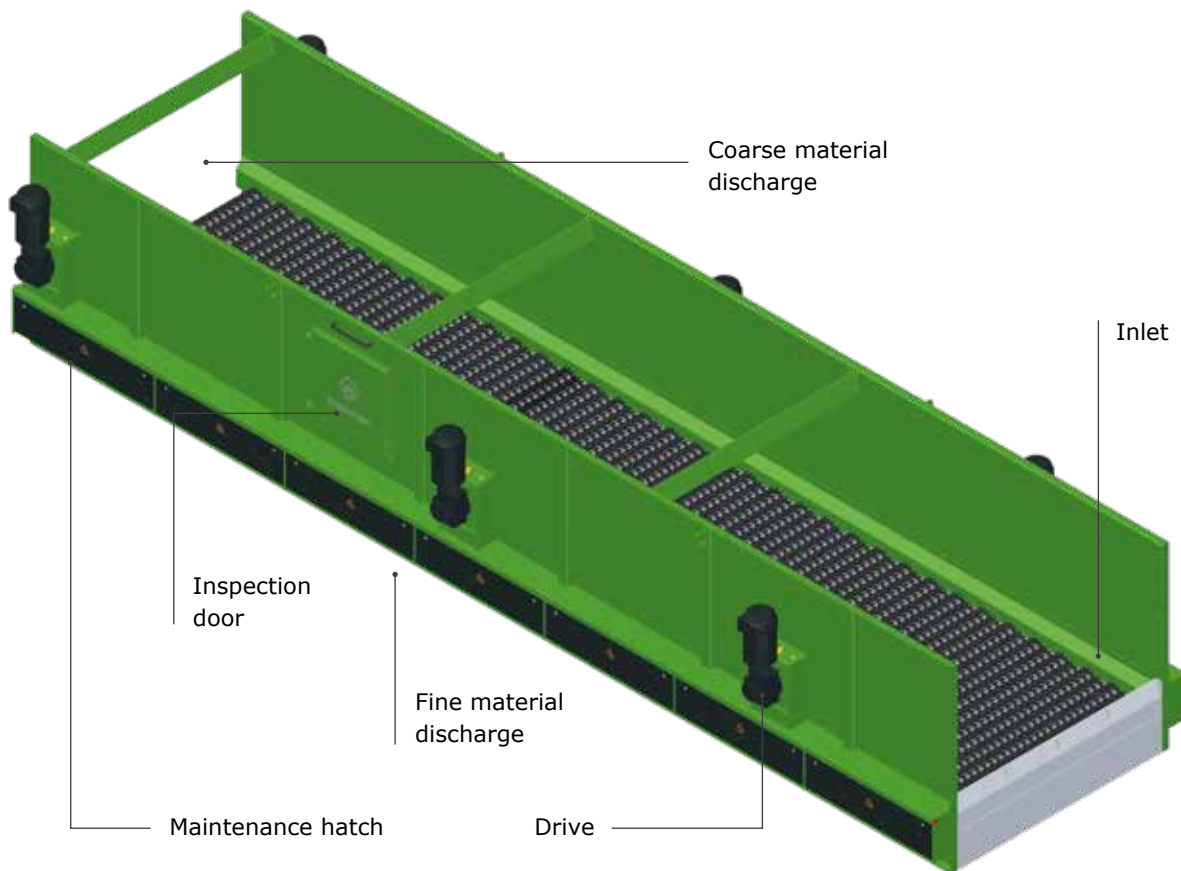
The robust and innovative design of the screen deck and drive system guarantee fault-free, low-maintenance operation and long-lasting optimization of the separation results.

ROBUST:

Highly durable design of the screen deck and drive system (chain block and gears)

SAFE:

Easy accessibility for maintenance and cleaning



EFFICIENT:

Increased capacity and separation quality with active prevention of material build-up and clogging of the screen holes

FLEXIBLE:

Optimal adaptation of the cut size/accuracy by replacing the shaft sleeves and adjusting the speed

THE PERFECTIONIST

PRECISE. IN EVERY APPLICATION.

KENTRO guarantees the highest separation quality for the most difficult materials. Our KENTRO screens demonstrate their strengths whether it is compost, garden waste, excavated earth, building rubble, or wood/fibrous material. In particular, they are exceptionally efficient with sticky and damp materials.

WHAT MAKES OUR KENTRO SCREENS UNIQUE

- » Solid shafts and drive system for maximum stability of the screen deck
- » Wide range of different shaft sleeves for simple adaptation of the cut size
- » Quick-change couplings on the shafts enable shaft replacement without disassembling gears and drives
- » Encapsulated design for maximum safety
- » Double-deck version for absolute flexibility; can also be combined with the PLATEO series (coarse and fine sieving in one configuration)
- » Simple adjustment of the speed with regulation of frequency
- » Low-wear machine with optimum accessibility for maintenance work
- » Energy-efficient operation with high-quality drives, and maximum installed drive output of 4 x 5.5kW or 6 x 5.5kW (depending on the diameter of the star)

WHY KENTRO IS THE RIGHT SCREEN FOR YOU

- » Optimal adjustability to various material parameters achieves the finest screen fractions
- » With the continuous feed of the output material, sorting results can be improved for the long-term
- » Low operating costs with reduced wear; fine screen with drive system on both sides, incl. large chain wheels (more pinions) for maximum service life
- » Minimum plant downtime with active prevention of material build-up and clogging of the screen holes
- » Easy handling and convenient access to all key components significantly reduces maintenance and cleaning work
- » Absolute freedom with respect to the application thanks to a wide range of different stars and designs of the screen (e.g. double deck)



TECHNICAL DATA	KENTRO 4000/...			KENTRO 6000/...			KENTRO 9000/...			KENTRO 1200/...		
	12	16	20	12	16	20	12	16	20	12	16	20
Working width	available widths: 1200mm (12), 1600mm (16), 2000mm (20)											
Length (screen-area)	4000mm			6000mm			9000mm			12000mm		
Design height	17500mm											
Cutpoints	10 - 150mm											
Screen surface	4.8 - 8m ²			7.2 - 12m ²			10.8 - 18m ²			14.4 - 24m ²		
Drive power	dependent on model and star diameter; maximum drive power 6 x 5.5kW											
Capacity	10 - 15m ³ /m ² h											

The output depends on the parameters of the process material and can vary accordingly.

OUR ANAERGIA TECHNOLOGIES

We offer solutions for the following applications:

- » Pump Technology
- » Mixing Technology
- » Separation
- » Extrusion Technology
- » Screening & Sorting
- » Size Reduction
- » Organic Polishing
- » Conveyor Technology



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