

SWS 6

SPIRAL SHAFT SEPARATOR



BUILT TO RUN

HIGHLY EFFICIENT & FLEXIBLE - HANDLES EVEN THE MOST CHALLENGING MATERIAL FLOWS.

With the SWS 6 spiral shaft separator, operators no longer need to rely on external power sources, as it is a fully self-sufficient unit with its own drive and tracked chassis, ready for immediate use. Whether used as a stand-alone unit or integrated into flexible system environments such as the Mobile Modular Processing Concept (MMPC), the SWS 6 ensures precise separation, even of the most challenging material streams.



In the same process, a light fraction can also be separated. To do this, the material is optimally spread out and dosed on the shafts.



Easy operation and quick access to programs that are optimally preset for the material.



SWS 6		
Chassis	Track-laying chassis	
DIMENSIONS		
Overall weight	ca. 26.500 kg	
WORKING POSITION		
Length	15.145 mm	
Width	9.350 mm	
Height	4.775 mm (including wind sifter)	
TRANSPORT DIMENSIONS		
Length	11.670 mm	
Width	2.985 mm	
Height	3.440 mm	
DRIVE		
Engine type	Diesel-hydraulic	
Make	DEUTZ TCD 2.9 L4	
Nominal output	55 kW (75 PS) at 2.200 rpm	
Max. torque	300 Nm at 1.600 rpm	
Emission standard	Stage V	
SCREENING DECK DIMENSIONS		
Length	Spiral shaft screening deck	
	4.244 mm (2 screening deck modules, each 2.122 x 1.965 mm)	
Width	2.122 mm	
Screening area	8,3 m²	
Mesh type (selectable)	Wide selection of shaft sizes depending on the required separation cut, all screening decks in the same size as in the Selector series	
FEED HOPPER		
Hopper volume	4 m³	
Loading height	3.230 mm	
Loading Width	4.965 mm	
CONVEYOR BELTS		
Length	Fine-grain belt	Coarse-grained belt (swiveling)
	5.845 mm	6.615 mm
Width	1.370 mm	1.000 mm
Discharge height	3.902 mm	3.922 mm

BEST-IN-CLASS SPIRAL SHAFT TECHNOLOGY.

- Patented spiral shaft technology separates materials almost without any clogging or wrapping and without blockage of the screening gaps, for consistent screening quality
- Easy processing of material streams that are difficult to screen, including sticky materials
- It is more resistant to wear and tear than other screening technologies and thus offers a long service life.
- Different interchangeable screening deck sizes offer optimal adaptation to the required particle size range
- The material is ideally opened up and dosed for the separation of the light fraction by using wind sifting