



SPIRAL SCREEN SS

Spiral Screen SS separates, washes and dewaters solid particles, screenings and debris from water.



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The product has a simple design that is suitable for narrow channels and tanks or for lower flows with requirements for compact installation and where space is a premium. The spiral screen consists of a rotating spiral with brush that cleans the screen basket. The screen basket is made from perforated plate.

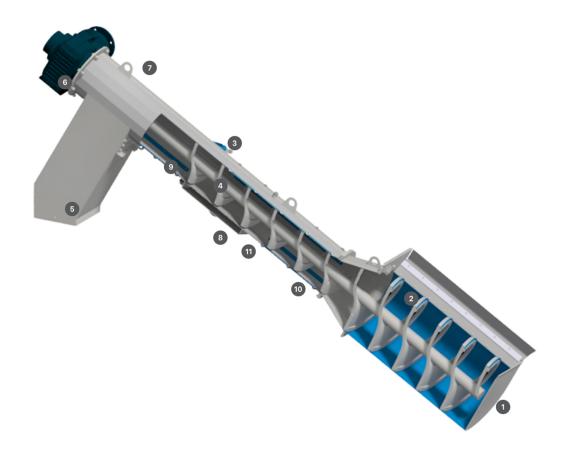
FUNCTIONS

- Design of strong high-quality material.
- Built-in washing, pressing and shredding.
- Joint operation of screen and screenings press.
- Entirely enclosed, safe and hygienic.
- Suitable for narrow channels with stable, low-concentration flows and simpler applications.

SPECIFICATIONS

Discharge height	<5 m
Diameter	300-500 mm
Perforation (Ø)	2-8 mm
Capacity	<130 l/s
Drive unit	SEW/Nord
Material	EN 1.4301, EN 1.4404





EXPLODED VIEW

- 1. Screen basket, 2-6 mm perforation
- 2. Adaptive screen basket extending the interval for brush replacement
- 3. Washing connection to achieve high dry solids (DS) levels
- 4. Press zone
- 5. Outlet for compressed, washed, and dewatered debris
- 6. Star transmission to protect the gearbox from impact loads
- 7. Lifting points
- 8. Specially designed machine frame for easy maintenance
- 9. Bolted hardox wear steel inserts, replaceable over time
- 10. Hygienic chassis for easy cleaning and rinsing



11. Reject water connection allowing press water to be redirected before screen or filter for ensured filtration