



SAND CLASSIFIER SA

Sand Classifier SA separates and dewater sand from water. Street sand, filter sand and similar dry material can also be handled.

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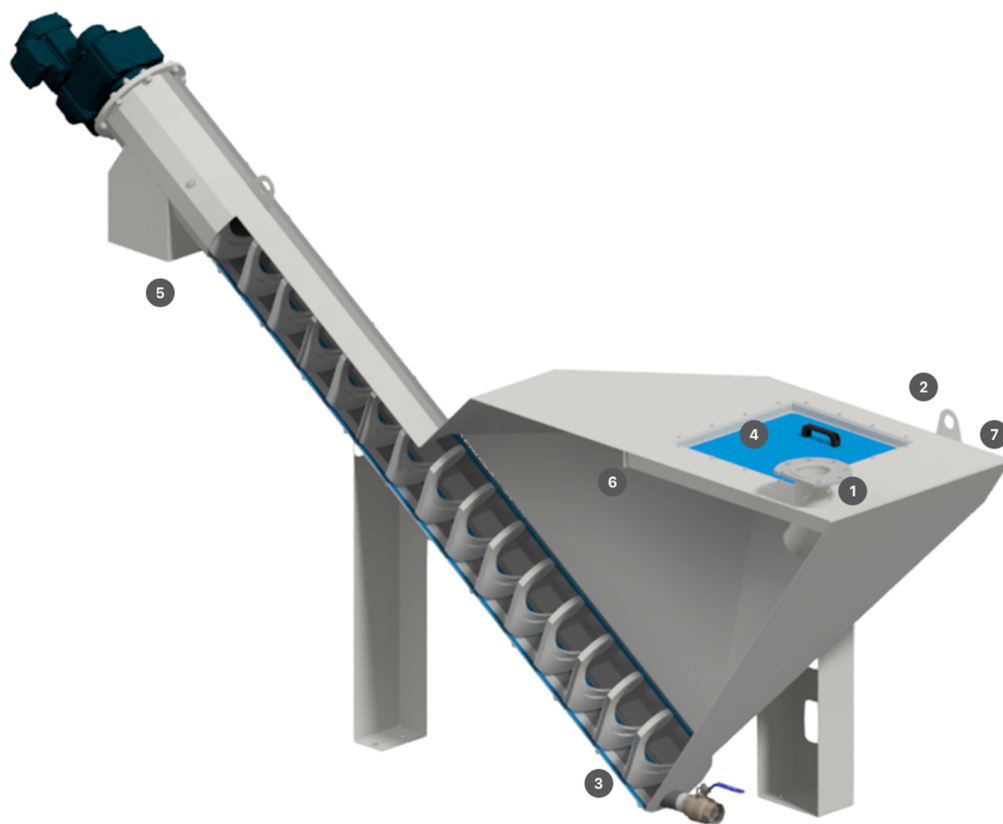
The sand and water mixture is pumped or fed to the separation tank, where the sand is separated and sinks to the bottom. The screw conveyor transports, dewateres and discharges the sand. Excess water during intake runs over a drainage edge at the top of the tank and is discharged.

FUNCTIONS

- Modern, innovative refinement of a tried and tested concept.
- Well-increased volume and surface enable use of “combi unit grit trap”.
- Simpler sand-washing function can be integrated.
- Easily adjustable screw length, screw type and inlet and outlet location.
- Made from strong stainless high-quality material.
- Completely enclosed, safe and hygienic with easy-to-open inspection hatches.
- Adjustable support legs that simplify the installation.

SPECIFICATIONS

| | |
|------------|----------------------|
| Capacity | 5-36 l/s |
| Drive unit | SEW/Nord |
| Material | EN 1.4301, EN 1.4404 |



EXPLODED VIEW

1. Directed inlet
2. Outlet with internal overflow for reduced flow and turbulence
3. Discharge screw for sedimented sand
4. Inspection and service hatch
5. Sand outlet
6. The design allows the machine to be used as a combined sand trap and sand dewatering unit for lower flows. Suitable for continuous operation.
7. Modular frame for compatibility with rectangular interface or flange connection