HYDRIA™ WATER



EXTERNAL SLUDGE RECEIVER EX

External Sludge Receiver EX is a complete system for separating solid particles, screenings and debris from sludge or water.

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The system is suitable for example for septic handling and acceptance kiosks for sludge trucks or when sludge trucks need to be able to connect directly to the tank.

Sludge Receiver EX is built according to the customer's needs and location-specific conditions and may consist of, for example:

- **Receiving tank with energy absorber for process water**
- **Spiral Conveyor SC with stone trap**
- **Cross Screen XS 3-6mm**
- **Wash Press TP**
- **Shredder MT**

During screenings separation with Cross Screen XS, the sludge is kept concentrated thanks to Cross Screen's ability to self-clean without the need for water.

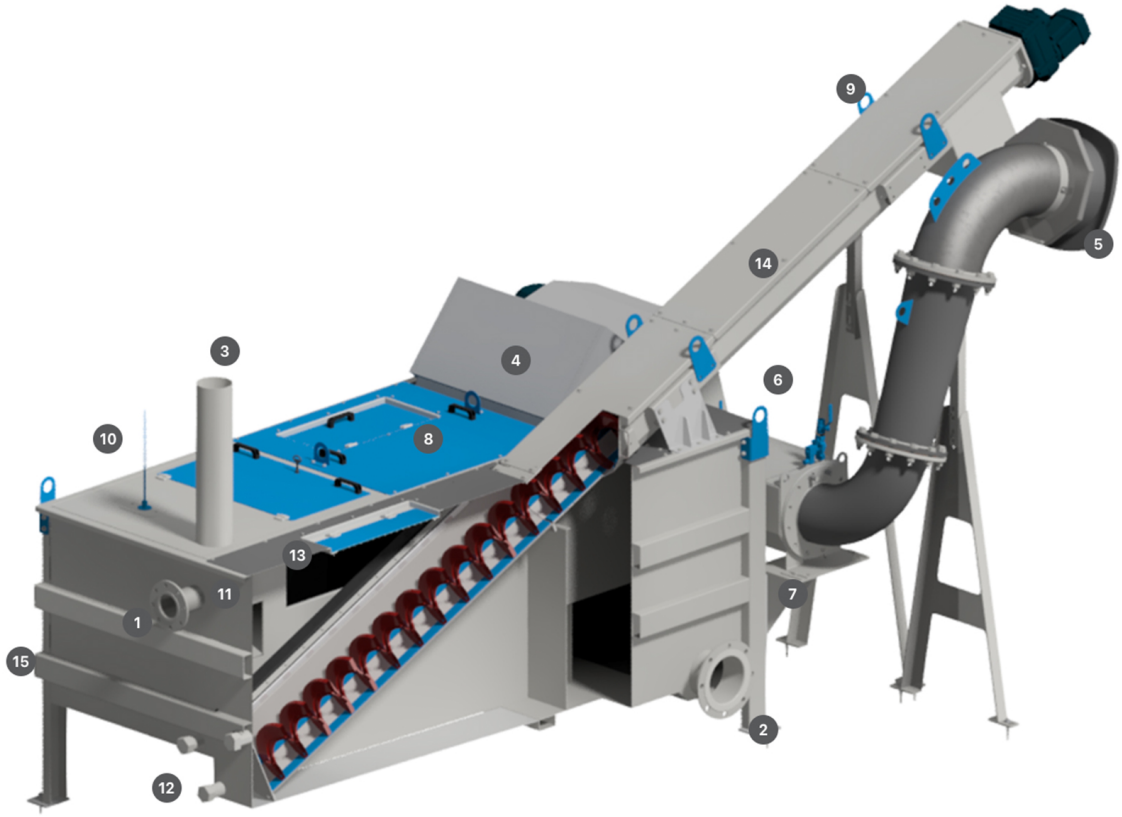
FUNCTIONS

- External connection for temporary needs
- Modern design of strong stainless high-quality material
- Compatible with several different screenings separation options.
- Compatible with wash press.
- Customisable tank designs with functions such as stone trap and aeration.
- Enclosed and ventilated.
- Safe and hygienic with easy-to-open hatches.

SPECIFICATIONS

Screen width	800-1 200 mm
Inlet/Bar-spacing	2-6 mm
Capacity	10-100 l/s
Drive unit	SEW/Nord
Material	EN 1.4301, EN 1.4404

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EXPLODED VIEW

1. Inlet, flange connection

2. Outlet, flange connection

3. Ventilation connection

4. Step screen XS, integrated

5. Hygienic screenings handling with bag cassette (Longopac)

6. Integrated wash press (TP) for screenings washing and compaction

7. Integrated reject water connection, downstream separation

8. Easily accessible inspection and access hatches

9. Multiple integrated lifting points for easy installation and maintenance

10. Pressure sensor (control signal for step screen)

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11. Inlet cyclone for energy dissipation of incoming liquid

12. Drainage and flushing water connections for service and maintenance

13. Adjustable overflow for liquid flow to the step screen

14. Grit screw with separate outlet

15. Fully enclosed design with reinforced beam systems