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HUBER Idegenanyag-leválasztó STRAINPRESS®



- Screening, draining and discharge in one working process
- Coarse material separator for municipal and industrial sludge
- Continuous coarse material separation under pressure

The STRAINPRESS® is a horizontal pipe-shaped coarse material separator which consists of inlet and driving zone, screening and press zone and finally a discharge section with a conical pressure regulating device. The coarse material is separated continuously under pressure and periodical cleaning of the screening zone by backwashing is not required.

Key features:

- Coarse material screening and dewatering to approx. 45 % DS content
- Closed pipework system
- Pressure-fed system (in-line) for any type of sludge including viscous and grease containing sludge
- Reduces plant operation and maintenance costs and increases the operating reliability of downstream sludge treatment systems, such as thickening, digestion, dewatering, hygienisation, drying, etc.
- Perforations of 0.4 to 10 mm for solids/liquid separation also in industrial applications
- Throughput capacity of up to 110 m³/h for sludge, up to 200 m³/h for process water
- Reliable perforated plate cleaning without the need for any external water and without brushes, no backflushing required
- Automatic pressure cone system for maximum dewatering efficiency

- More than 1,000 installations worldwide

Előnyök

THE ADVANTAGES OF STRAINPRESS® SLUDGECLEANER SP

- It is the ideal completion of waste water screening with big bar spacings, non-retained solids are removed from the sludge.
- No second pump is required for the screened sludge owing to the closed and compact in-line system.
- The STRAINPRESS®-system can be integrated in a closed pipeline system.
- Continuous coarse material separation under pressure with a loss of pressure between 0.4 and 0.6 bar
- Screening, dewatering and transport of the coarse material in one operation.
- Washing off sludge or backwashing is not necessary.
- The horizontally moveable screw can be re-adjusted to ensure continuously perfect screen cleaning.
- Fully-automatic continuous or intermittent operation.
- Little space required, easy subsequent installation into the pipeline.
- Insensitive to varying feed volumes or coarse material structures
- The automatic pressure regulating conus ensures uniform dewatering even with strongly varying coarse material quality and concentration.
- When handling sludges with heavily varying DS and coarse material content, the pressing screw starts to work in dependence of the operating pressure (filter cake resistance).

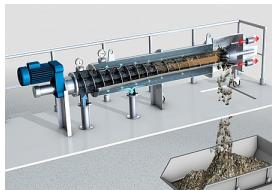
Downloads

 Letöltés: STRAINPRESS® Sludgecleaner SP (angol nyelven) [pdf, 424 KB]

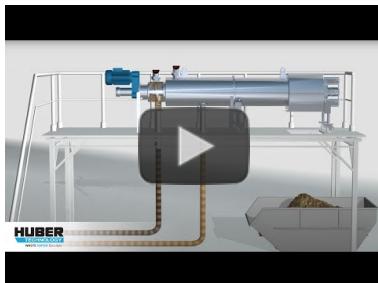
Tapasztalatok

- HUBER Sludgecleaner STRAINPRESS® to ensure energy yield from digester gas plants
- From screen building to sewage sludge drying: complete modernisation of the La Crosse wastewater treatment plant with HUBER
- HUBER STRAINPRESS® Placed in the Most Impressive City in Italy: Rome
- New size of the inline sludge screening system sets new standards for throughput capacity
- Improvement to the digestion process for one of the largest inland sewage treatment works in the UK
- Operationally reliable biogas production with the HUBER Sludgecleaner STRAINPRESS®
- STRAINPRESS® for sludge screening at Amsterdam: 3 years of successful operation

Elvi vázlatok



Fényképek



Animation: Function and components of STRAINPRESS®
Sludgecleaner SP

<https://www.youtube.com/watch?v=Tb2OoBr7PEs>

Csoport további termékei: Szűrés

- [HUBER Fekáliafogadóállomás ROTAMAT® Ro3](#)
- [HUBER Fekáliaiszap-dob RoFAS](#)



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