



HUBER

Screenings Wash Press WAP® SL

Super Launder Wash Press for disposal cost reduction

- ▶ Volume, weight and disposal cost reduction of up to 85 %
- ▶ Up to 45 % solids content
- ▶ High washed screenings quality of (< 20 mg BOD₅/g DR)
- ▶ Reduction of disposal costs by up to 10 % compared to simple wash press systems

More information,
downloads and
current news



Design and function

HUBER Screenings Wash Press WAP® SL operates in batch mode. Screenings either drop into the wash press trough directly from a screen or conveyor or they are flushed into the trough through a launder channel. Once a certain amount of screenings have been supplied, the hopper is completely filled with water and a wash cycle starts. All faecal matter is washed out of the screenings thanks to the high turbulence generated by a pump impeller and the high mechanical stress on the screenings. The washing intensity is selectable and can be adjusted to suit the specific screenings quality. After the washing cycle has been finished, an automatic valve opens and the wash water drains through perforations in the trough. It returns, together with the faecal matter, to the wastewater flow. The discharge of the washed screenings along with the compaction and dewatering of the screenings takes place in the following step in a single operation.

The machines feature press screw wear detection in the press zone for an optimised maintenance strategy. The system automatically detects the ideal time for maintenance of the screw shaft.

Feeding options

Using a HUBER Launder Channel HLC

The screenings drop from the screen or conveyor into the HUBER Launder Channel HLC. Screened wastewater or process water flushes the screenings through the launder channel into the trough of the HUBER Screenings Wash Press WAP® SL. The flush water also serves as wash water in the trough.

With screen or conveyor

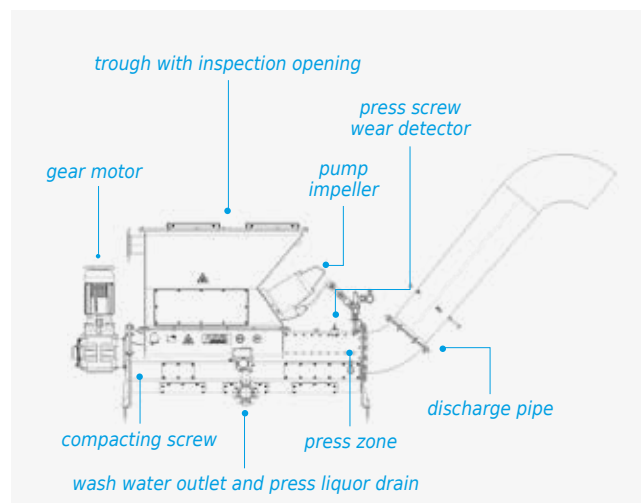
Screenings drop from the screen or conveyor into the trough. Screened wastewater or process water is directly introduced into the trough as wash water.



High turbulence in the launder tank during impeller operation.

Advantages

- ▶ Very clean screenings thanks to a reduction of volume, weight and disposal costs of up to 85 %
- ▶ High-intensity washing in launder tank
- ▶ Washed screenings quality factor:
< 20 mg BOD₅ / g DR
- ▶ Up to 45 % solids content
- ▶ Screenings processing capacity of up to 12 m³/h
- ▶ Screened wastewater or process water can be used as wash water
- ▶ Sturdy, durable design
- ▶ All structural parts, including the screw, are made of stainless steel for optimal corrosion protection
- ▶ Fast payback due to great transportation and disposal cost savings
- ▶ Reduction of disposal costs by up to 10 % compared to simple wash press systems
- ▶ Automatic wear detection of the compacting screw



Washed and almost odourless screenings from a HUBER Screenings Wash Press WAP® SL.

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