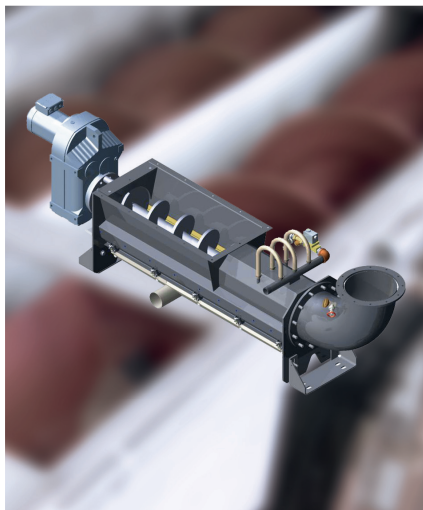




Noggerath® Screenings Wash Press NSP/NWP

Dewatering, compaction, pressing, and conveyance of solids, combined with the optional washing out of soluble organic constituents.



The Aqseptence Group offers with the Noggerath® screenings wash press NSP / NWP a simple and reliable solution; a versatile and flexible manner, even into existing plants. The technology has been continuously improved since the first Noggerath® screenings washer was supplied. Due to the large number of machines already in operation, Aqseptence Group has gained extensive knowledge and experience concerning their application in both municipal and industrial installations.

The material, which is introduced via the infeed section, is taken up by the conveying screw and pushed in the direction of the wash and compacting section. The slotted bottom of the conveyor section enables a static dewatering of the medium. In the washing section fecals are broken up and washed out and in the compacting section the material is compacted, dewatered further and pushed through the friction pipe. For high organic

Benefits

- Tried and tested design with high performance and low operating costs
- No necessity for wear rails
- Significantly improved drainage efficiency in the slotted bottom vs. using perforations
- Brushless screw made of wear-resistant special steel guarantees a Continuous, self-cleaning and sturdy slotted bottom; eliminates the need for wear rails
- Variably adjustable pressing force
- Reduction of wear costs due to individually replaceable modules
- Non-clogging even with fibrous materials
- Low wear and tear due to low rotational speed

Applications & fields of operation

The Noggerath® Screenings Wash Presses have a wide variety of applications in industry and municipality:

- Washing and dewatering of screenings
- Compaction of all kinds of short-fibred solids

Product variants

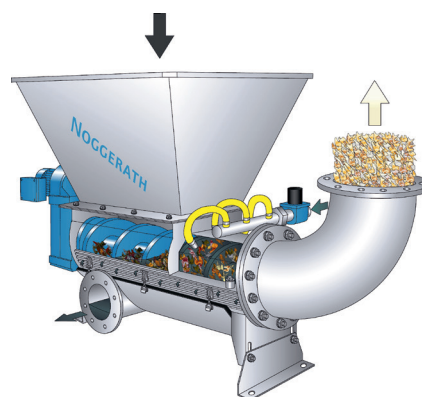
| | |
|--------------------|---|
| NSP / NWP | Bottom trough non-placeable, compact unit |
| NSP / NWP-R | With flanged washing module and placeable bottom trough |
| NSP / NWP-A | With screw adjustment, flanged washing module and circumferential dewatering in the compacting zone |

Unique features

- Low rotational speed ensures gentle washing
- Wear resistant profiles
- Modular design particularly easy to maintain
- Axial adjustment of the screw for variable adaptation to the press plug volume (optional)
- Very high drainage capacity due to new profile geometry and arrangement
- No blockage of the drainage section due to direct contact between screw and slotted bottom
- No "shear forces exerted on the basket" as there are no wear rails

Design sizes & performance

| NSP / NWP-size | max. output [m ³ /h] |
|----------------|---------------------------------|
| 200 | 1,4 |
| 250 | 2,2 |
| 300 | 3,5 |
| 400 | 5,3 |
| 500 | 10,0 |



Materials

| | |
|--|---|
| Casing, covers, supports, hoppers | Stainless steel AISI 304 or AISI 316 Others on request |
| Screw | Special Micro Alloy Steel St 52 (carbon steel in acc. with AS Group standard), alternatively stainless steel AISI 316 |

Options

- Hygienic bagging for the compacted material
- Can be mounted on castors
- NIR-hopper with integrated impeller for better organic washing

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The technical data stated in this brochure are indicative only and have to be determined for each individual case. Reserve technical changes.