

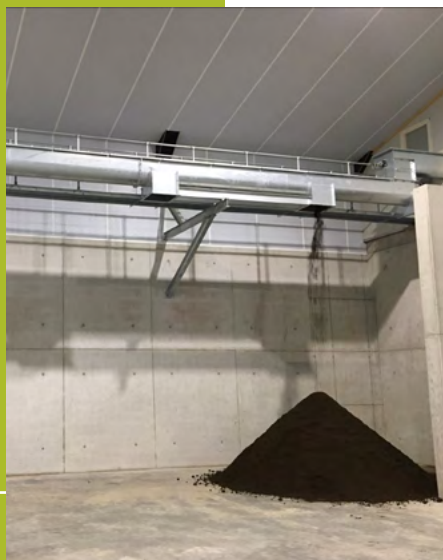
Decaners



- High separation efficiency for nitrogen and phosphate due to the use of very high G-forces
- No filtration system, thus no blockages
- Small volume of phosphate-rich thick fraction

A Sootsmid decanter allows you to separate slurry into thick and thin fractions. Decaners use centrifugal force to separate particles with a high specific weight. This makes the technique ideal for removing phosphate in the thick fraction and for keeping the nitrogen on the farm in the thin fraction. Sootsmid has more than ten years of experience in the construction of fixed and mobile decanter-based slurry separators and works with GEA.

Thanks to high G forces, the GEA decanter is ideal for separating thick and thin fractions. The nitrogen-rich thin fraction is suitable for customised fertilisation. Research suggests that decaners have high separation efficiency without the need to add ancillary agents. Decaners are available in a range of different capacities.



Characteristics

- High separation efficiency into nitrogen and phosphate thanks to the use of very high G forces
- No chemicals needed
- No filtration system, thus no blockages
- Simple operation
- Small volume of phosphate-rich thick fraction, helping to minimise disposal costs.
- PLC controlled for a fully self-contained system

Mobile decanter



Slootsmid produces both fixed decanter-based configurations and mobile slurry separators. Mobile slurry separators can be constructed in a 20 ft shipping container or as a fixed structure on a trailer. Systems are fitted with an aggregate, feed pump, cutting filter and discharge auger so that they can operate fully autonomously. There is ample space for customer-specific requirements to enable capacity to be optimally utilised. With tried-and-tested technology and a solid construction, the slurry separators have a high degree of operational reliability and lengthy maintenance intervals. All systems are supplied fully CE-certified.

Modular design with countless options



Slootsmid slurry separators are modular in construction and have plenty of flexibility for additional requirements. There is scope for integration of clean water and high pressure into the system, plus compressed-air and hydraulics are also available.

A polymer setup is also possible, and landings and lifting aids are also designed as part of the structure.

These installations can be fully customised. Please contact us to learn more.