



SEPARATION REIMAGINED FLEXIBLE AND EASY

The XSplit® Compact separator
Flexible application, quick service

VOGELSANG – LEADING IN TECHNOLOGY

XSplit® Compact

Flexible and easy

The separation of slurry and fermentation residues offers many advantages: up to 25% less storage capacity, no feed contamination and faster plant-available nutrients, as well as optimisation of processes in biogas plants are just a few of them – flexible and easy to implement with the XSplit Compact.

- Efficient separation of solid and liquid phases with TS contents of up to 40%
- Up to 25% more storage capacity
- Easy spreading of the liquid suspension
- Faster availability of nutrients to plants
- No feed contamination or plant damage
- Easy storage and transport of solid matter

In addition, separation supports optimised process flows in the biogas plant

- Reduced viscosity in the digester saves energy and protects the technology
- Extended retention times of the solid matter increase the gas yield



Advantages of the XSplit Compact

Drive on the solids side: no extra shaft seal required, therefore no wear part costs or maintenance effort for replacement.

3-part sieve basket: only screen elements that are actually worn need to be replaced, which reduces costs and maintenance effort.

Quick and easy service (QuickService): the large service hatch allows easy access to the press screw and screen basket, service in approx. 15 minutes.

Feed and discharge pump: as a variant with a discharge pump, the XSplit Compact transports the liquid suspension directly to the bearing or drum trolley.

Flexible use: the compact unit is easily transportable thanks to forklift pockets and can also be used in inter-company applications.

TECHNICAL DATA

Throughput	10 m ³ /h
DS content	up to 40%
Drop height	1,5 m
Drive XSplit I Pump	4 KW each
Weight	875 kg