

SEPARATION REIMAGINED FLEXIBLE AND EASY

The XSplit® Compact: flexible application with quick service

VOGELSANG – LEADING IN TECHNOLOGY

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XSplit® Compact

Flexible and easy





The separation of slurry and fermentation residues offers many advantages: up to 25 % reduced storage requirements, no feed contamination, faster nutrient availability for plants, and process optimization in biogas plants. These are just some of the benefits that the XSplit Compact provides – flexibly and with ease.“

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

In addition, separation helps optimize the processes in the biogas plant:

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



Advantages of the XSplit® Compact

Drive on the solids side: no additional shaft seal is required, eliminating costs for replacement wear parts and the associated maintenance effort.
Three-part sieve basket: only worn screen elements need to be replaced, reducing costs and maintenance effort.
Quick and easy service (QuickService): the large service hatch provides easy access to the press screw and screen basket, allowing servicing in approximately 15 minutes.
Feed and discharge pump: as a variant with a discharge pump, the XSplit Compact transports the liquid suspension directly to the storage facility or tanker.
Flexible use: thanks to its forklift pockets, the compact unit is easy to transport and can also be used at different company sites.

SPECIFICATIONS	
Throughput	10 m^3/h
DS content	up to 40 %
Drop hight	1.5 m
Drive XSplit I Pump	4 kW each
Weight	875 kg

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