



# SEPARATION REIMAGINED

The XSplit® Separator: Effective  
Performance – Easy to Maintain

VOGELSANG – LEADING IN TECHNOLOGY

NEW

# CLEAN SEPARATION OF SOLID AND LIQUID

**The XSplit® separator:  
economical and easy to maintain  
thanks to innovative design**



**The XSplit® separator from Vogelsang combines the tried and tested concept behind press screw separators with a completely new design, resulting in unique features and many user advantages.**

When developing the new XSplit separator, Vogelsang took up the tried and tested functional concept of the press screw separator, and completely redesigned the technical implementation. The drive is now arranged on the solid matter outlet side, which gives the XSplit an excellent cost-benefit ratio and unique features.

Positioning the drive behind the solid matter outlet means there's no need for an extra shaft seal. This reduces the both cost of spare parts and the time required for maintenance work. Access to the sieve basket and press screw is also possible in a few simple steps. As you've come to expect from Vogelsang, service and maintenance work can be performed quickly and easily on-site. In addition, the startup behavior of the new XSplit separator is significantly quieter in comparison.

A sealing disc made of high-quality elastomer in the pressing area allows the XSplit to achieve a dry matter content of up to 40 percent – making it superior to other press screw separators. The disc ensures optimal resistance to the pressure applied by the press screw and, together with the press screw, ensures uniform and reliable plug formation without extra aids – with nearly zero initial leakage. A range of sieve variants suited to various media and consistencies is available, guaranteeing extremely reliable separation results.



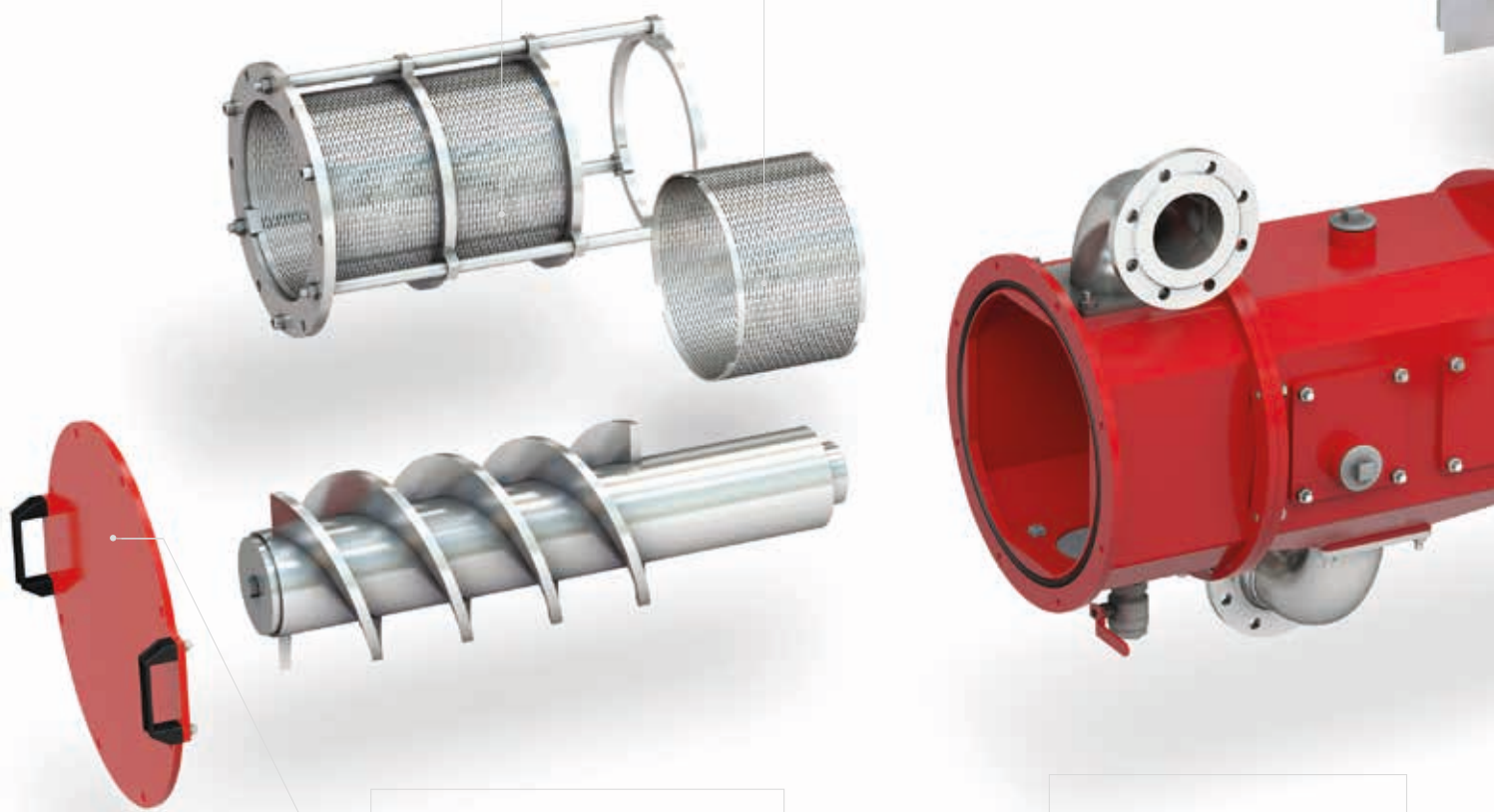
### **Did you know?**

The separation of digestate or liquid manure has long since proven a valuable practice. Because only the liquid phase enters the silo, the formation of floating and sinking layers is significantly reduced. In addition, the separated solid matter is easier to transport and can be used as bedding or peat substitute. The separated thin liquid phase, on the other hand, can be spread much more easily and evenly, or helps to reduce the viscosity in the digester.

Minimal space requirement thanks to compact design

Optimal separator start-up behavior

Wide range of sieve variants for reliable separation results with every medium

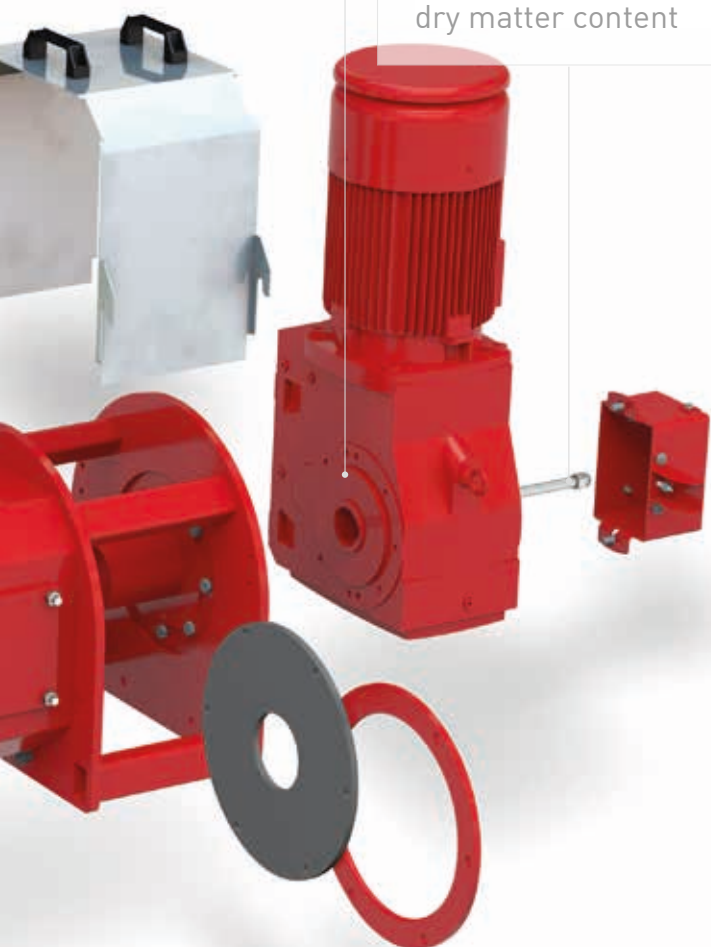


Very easy access to the sieve basket and press screw for quick service

High dry matter content of up to 40 percent possible

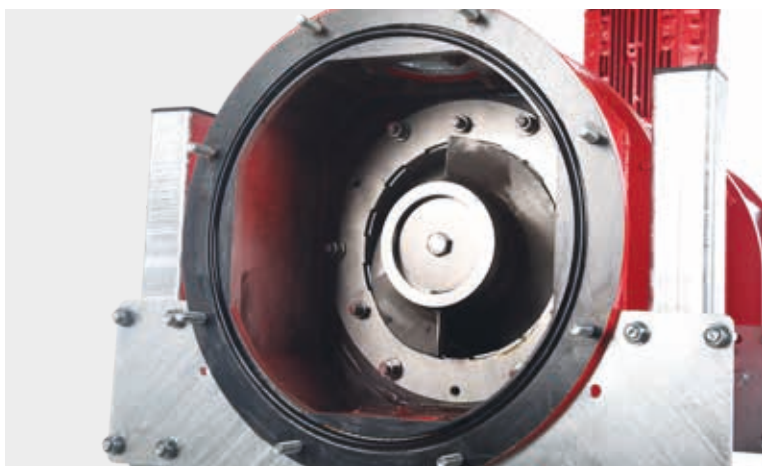
No extra shaft seal required thanks to the innovative drive arrangement behind the solid matter outlet

Individually adjustable pressing area for needs-based dry matter content



Reliable plug formation

Ideal separation results



The easily accessible maintenance port provides very easy access to the press screw and sieve basket at any time.

## SPECIFICATIONS

<b>Throughput</b>	Up to 50 m <sup>3</sup> /h
<b>DM content</b>	Up to 40 %
<b>Speed</b>	15 - 36 U/min
<b>Drive power</b>	4 - 7.5 kW
<b>Dimensions L x B x H in mm</b>	1,450 x 550 x 950

### Advantages of the XSplit®

- Up to 40 percent dry matter content
- The dry matter content can be easily adjusted individually
- Reliable plug formation without the addition of auxiliary agents
- No extra shaft seal required
- Easy to maintain and low-maintenance
- Very good cost-benefit ratio

## What we offer

We provide solutions in the following sectors:  
AGRICULTURAL TECHNOLOGY, BIOGAS,  
INDUSTRY, TRANSPORTATION, WASTEWATER



## Our broad range of products and services

- Consulting and service
- Data management and control technology
- Disintegration technology
- Individually tailored solutions for special applications
- Pumps and pump systems
- Solid matter feeders
- Solids reduction, separators and mixers
- Spreading technology
- Supply, disposal and cleaning

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