



**Vielfraß®**  
The Biogas component: Solid material feeder unit  
Ideally suited for grass, manure and silage



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Mitglied im  
Fachverband  
Biogas e.V. 

aK-ENGL-vielfraß  
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# The reliable solid material feeder

## Vielfraß®

Vielfraß®-Technology is ideally suited for feeding regrowth material, solid manure and similar biomasses into a digester.

The regrowth materials are broken up by two counter-rotating screws and then fed into the upper part of the digester by means of the feeding screw.

All parts subject to corrosion are made from V2A stainless steel. The interval ensures uniform, automated feeding to the digester.

The basic unit is available with a capacity of 1.5 – 13 m<sup>3</sup> and up to four attachment rings. By expanding the basic unit with a push-off dosing unit, the storage capacity can be increased to up to 50m<sup>3</sup>

## Vielfraß®FA

The Vielfraß®-FA consists of a stationary push-off dosing unit with milling attachment. The substrate is broken up by the milling attachment and transferred through an intermediate shaft to the feeding screw which feeds the substrate into the digester.

Expansion of the Vielfraß®-Standard  
In the form of the push-off dosing unit with three milling drums as well as the possibility of increasing the storage volume up to 40m<sup>3</sup>.

## Vielfraß®Top

The Vielfraß®-Top is used for topside feeding. It is supplied with a push-off dosing unit with milling attachment, a vertical conveyor screw (ascending screw) and a plug screw. The storage volume can be increased up to 40m<sup>3</sup> here as well.

## The advantages

- Ideally suited for fermenting grass silage and manure
- Economical in own power consumption
- Saving on work load by large storage volume
- Uniform, automated feeding with interval control – optional also supplied with scales
- Solid construction of the conveyor screws
- Minimum maintenance required



### Flexible: The feeding

Dosage by time or weight



Vielfraß® Standard  
with basic unit and  
push-off dosing unit

Vielfraß® FA  
Dosage unit with milling attachment

Vielfraß® Top  
Dosage unit with vertical conveyor screw

### The big ones (plan view)



Storage capacity basic unit 10m<sup>3</sup> (with 4 attachment rings up to 13m<sup>3</sup>). With push-off dosing unit: 35, 40, 45 or 50m<sup>3</sup>

Storage capacity 25, 30, 35 or 40m<sup>3</sup>

Storage capacity 25, 30, 35 or 40m<sup>3</sup>

Please give us a call – we  
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