



Special constructions in steel and stainless steel

Am Sportplatz 10
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Your partner
for stainless steel
in biogas plants!

The turnip shredder

higher gas production
through better fermentation



Your advantages:

- Increasing gas yields
Minimising standstill
- Accelerating fermentation Using
energy components
- Excellent cost effectiveness
- Versatile usage
- Minimal wear and tear
- Up to 40t/h capacity
- Low dead weight
- Immediate operation due to
integrated control cabinet

Our service:

- Individual consultation
- Custom solutions
- Optional "all from one source"
- In-house design, production,
and assembly

We offer:

- Reliability
- Sustainability
- Efficiency
- Flexibility

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Application

In most cases, the turnip shredder is used to chop up sugar beets. The filling of the solids dispenser is adapted only minimally in the process. Before starting the filling process, the shredder is filled. Then the dispenser container can be filled until the shredder is empty. Now, the shredder can be filled again and the chopped material lying under the turnip shredder can be filled into the dosing unit. While crushing, the solids dispenser can be filled again and again.

Depending on the equipment, the full volume can be shredded within approx. 1 to 3 minutes. A control system for the forward and return flow is included as standard.

The shredding baskets can be adjusted in size and chopping pressure. Also, if a foreign object enters the shredding basket, the spring is activated and the basket opens only for a very short time.



Technische Daten

Model size	Filling width (m)	Number of shredding baskets	Shredding power* (t/h)	Drive power (KW)	Volume (m ³)
SRZ1,5	2.1	3	10 – 25	7.5	2.3
SRZ2	2.6	4	12 – 30	9.2	2.9
SRZ2,5	3.1	5	15 – 35	9.2	3.6
SRZ3	3.6	6	20 – 40	11	4.4

* Adjustable by range of spring and spring load

We also offer:

- dosing feeder
- weighing equipment
- push floor dosing feeder
- stairs / platforms
- funnel systems
- central lubrications
- inclined conveyors
- barrel filling stations
- scraper floors
- screw conveyors
- gas processing
- slurry pumps / mobile
- heat exchanger
- activated carbon
- turnip shredder
- substrate heater



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