



Special constructions in steel and stainless steel

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Your partner
for stainless steel
in biogas plants!

The funnel system

extremely low
wear and tear
due to stainless steel



Your advantages:

- Made from 8 and 4 millimeter stainless steel as standard
- Various options for use and extension
- 12 mm stainless steel auger flights
- Compact design
- Excellent cost effectiveness
- Minimum wear and tear

We offer:

- Reliability
- Sustainability
- Efficiency
- Flexibility

Our service:

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



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Application

Compared to other dosing options, the funnel system is the option with the highest flexibility in terms of installation options. Due to its versatility, almost any installation position is possible. All funnel systems are placed on a concrete foundation and are filled from above. Then, a control system automatically regulates the dosing sequence of the dosing processes. One option is to equip the funnel system with a weight scale to create, among other things, an optional error message if the storage vessel has to be refilled. A weighing device is also often used to control the dosing intervals, thus always having the same portion size in the fermenter. In order to be able to transport the solids into the fermentation vessel, other accessories are also required, such as a tamping auger, elevator or a pump for liquid feed.

Due to the in-house development of the revolving shafts, bridging is 100% impossible.



Technical data

Size (m ³)	Volume expandable to max. (m ³)	Drive power (KW) discharge auger	Drive power (KW) Dissolution rollers	Weight (t)	Filling height base machine (m)
4 - 6	10	7.5	3	1.5 – 1.9	1.85
10	18	7.5	2 x 3	2.6	2.25
12	25	9.2	2 x 3	3.1	2.25
16	30	9.2	2 x 3	3.6	2.25
22	35	9.2	3 x 3	4.3	2.25

Optional equipment: weighing devices, central lubrications, acoustic enclosures, drive units in ATEX design, augurs, pumps for inserting liquids

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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