



Special constructions in steel and stainless steel

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Your partner
for stainless steel
in biogas plants!

The inclined inserter

extremely
Low wear and tear
due to stainless steel



Your advantages:

- ⊗ Compact design
- ⊗ Excellent cost effectiveness
- ⊗ Simple installation
- ⊗ Base tray made of 8 mm stainless steel
- ⊗ Auger flights made of 12 mm stainless steel
- ⊗ Size 400 tamping auger as standard
- ⊗ Minimal wear and tear
- ⊗ Versatile use
- ⊗ Lower electricity costs
- ⊗ Up to 55 m³/h feed performance
- ⊗ Entirely made of stainless steel

Our service:

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

We offer:

- ⊗ Reliability
- ⊗ Sustainability
- ⊗ Efficiency
- ⊗ Flexibility

The inclined inserter

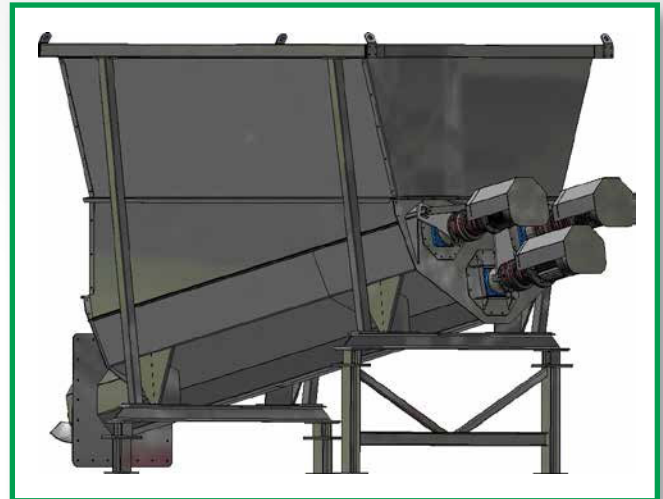
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Application

Compared to other approaches to dosing, the inclined insertion is the cheapest option as the solids can be transported into the fermentation vessel using only a single screw-conveyor.

All inclined insertions are mounted onto the vessel wall and filled from above. After that, the sequence of the dosing processes is regulated automatically by a control unit. One option is to equip the inclined insertion 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.

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



Technical data

Size (m ³)	Volume expandable up to max. (m ³)	Drive power (KW) tamping auger	Drive power (KW) Dissolution rollers	Weight (t)	Filling height (m)
5	8	7.5	3	2.0	2.65
7	11	9.2	3	2.6	3.25
12	20	9.2	2 x 3	3.3	3.25
15	25	9.2	2 x 3	3.7	3.35
19	35	11	3 x 5.5	5.0	4.15

Optional equipment: weight scale up to 40 t, central lubrications, acoustic enclosures, drive units in ATEX design

We also offer:

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



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