Special constructions in steel and stainless steel

Maschinen Schmidberger GmbH

Your partner for stainless steel in biogas plants!

Am Sportplatz 10
86672 Thierhaupten-Neukirchen
Phone: +49 / 8276 / 589 60 40
Fax: +49 / 8276 / 589 60 50
info@maschinen-schmidberger.de
www.maschinen-schmidberger.de

The barrel filling station

No splashing and easy to use

Your advantages:

- Quicker operations
- Less space required
- Versatile usage
- Only stainless steel parts in contact with product
- Can be swivelled 180 degrees
- Simple construction
- Can be integrated into any plant
- Remote control optional

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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No splashing and easy to use

Application

In most cases, the barrel filling station is fixed on a level base plate. After that, stiffeners are installed at the back side of the carrier base to provide stability. Depending on the pipe diameter, a connection pipe or hose can be attached directly. By enlarging the diameter, the stream rate of the substrate is slowed down. This avoids foam generation inside the pipe and thus prevents splashing at the end of the pipe.

Mounting on a wall or a podium is also possible. The jib can be set higher and lower using a dual-acting hydraulics cylinder. This effectively prevents kickback motions of the pipe.

Technical data

	Standard connection (DN)	Filling height (m)	Standard jib length (m)	Height adjustment
FFS150	150	2.2 – 4.8	4	hand pump
FFS200	200	2.2 – 4.8	4	hand pump

Optional equipment: height adjustment by radio remote control, different connectors, shut-off valve with slide gate, connection hoses

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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