



## TE - Gas drying

### Product description

By cooling the biogas or sewer gas in a gas cooler, the gas is dehumidified and dried. The built-in demister ensures that even the smallest water droplets are separated in the gas flow. The condensate water that has formed is then collected using a sophisticated system and drained away from the process in a gas-tight manner. Depending on the application, the heating and the associated increase in the relative humidity in the gas can take place in a gas heater.

### Facts

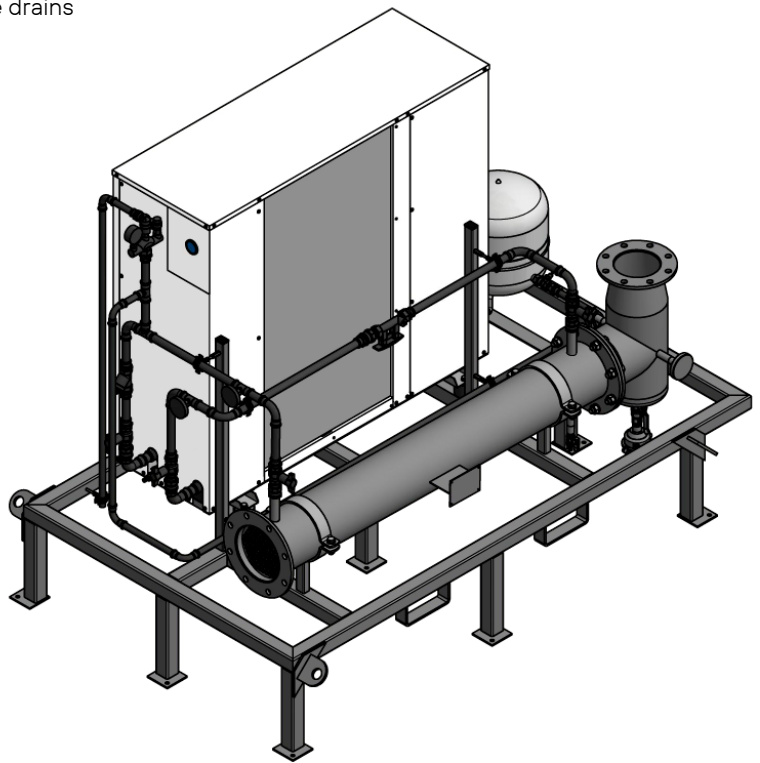
- Volume flows from 30 - 2000 m<sup>3</sup>/h
- Manufacturing of the gas-carrying components entirely from stainless steel
- All components are built on a base frame as standard
- Condensate collector with demister insert and condensate drain
- Piping ready for use
- Insulation for gas coolers, condensate collectors and cold water pipes
- Trace heating for condensate collectors and condensate drains
- Energy-efficient water chillers
- Simple regulation/control
- Operating pressures up to 2 bar
- Individual and tailor-made solutions
- Customer-specific design

### Standard sizes

- Gas cooler/gas heater DN 80
- Gas cooler/gas heater DN 100
- Gas cooler/gas heater DN 125
- Gas cooler/gas heater DN 150
- Gas cooler/gas heater DN 200
- Gas cooler/gas heater DN 250
- Gas cooler/gas heater DN 300
- Gas cooler/gas heater DN 350
- Gas cooler/gas heater DN 400

### Options & variants

- Free cooling stage
- Container installation
- Gas compressor
- Gas/gas heat exchanger (recuperator) for heating gas without an additional heating connection
- Installation and commissioning by our specialised personnel



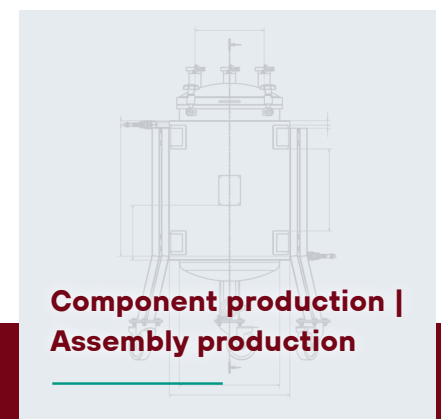
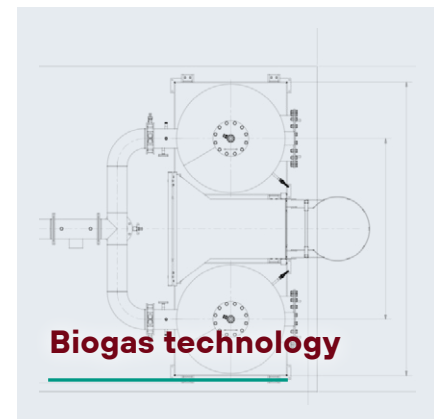
### Our certifications

- Specialist company according to German Water Resources Act (WHG)
- Pressure Equipment Directive AD 2000 HP0
- DIN EN ISO 3834-2
- DIN EN 13445-4



**Triptiser Edelstahl GmbH**  
ROHRLEITUNGS- UND ANLAGENBAU

[www.triptiser-edelstahl.de](http://www.triptiser-edelstahl.de)

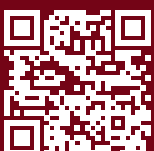


## Your partner for all tasks in pipeline and plant construction

### We convince

With over 30 years of experience in handling and processing stainless steel, we are highly specialised in pipeline and plant construction for environmental and supply technology. We attach particular importance to close and trusting cooperation with our customers. Thanks to our many years of experience and our extensive know-how, we can offer individual solutions and therefore meet the expectations of our customers.

We would be happy to make you an individual offer.



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