



EMERGENCY:

License to operate:

- tomorrow: less nitrogen emissions
- day after tomorrow: less methane and CO2 emissions



Solution:

- Daily manure removal
- manure digestion

Added costs:

- Stable modification
- Manure digester

Added Revenue:

- Biogas sales
- Sustainable operations (milk price up)



Solution:

- Biomethane from farmer



NEED FOR:

Biofuels

- RED II: biofuels blending obligation
- Green gas blending obligation in the built environment

Licence to operate:

- For 20,000 livestock farmers in NL
- 90% are too small for Green Gas production
- Local biogas production, no manure transport

Solution:

- Manure bag
- Local digester
- Biogas treatment and distribution



Solution:

- Certification biomethane from manure

Biofuels

- Blending obligation 14% biofuels for transport 2030
- Blending obligation: 1.6 billion m3 of green gas in 2030 in NL

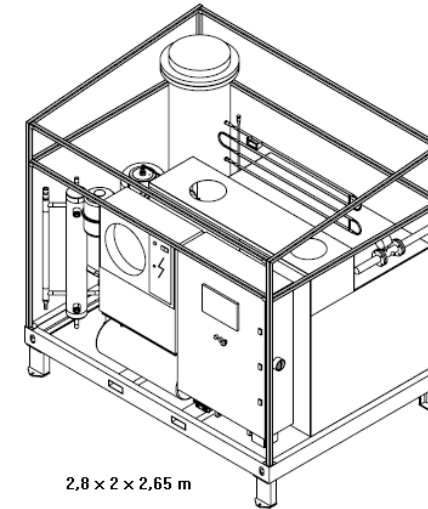
Rental BOK10-300: reprocessing and compression biogas

Features

All-in service: BASgas provides transport, maintenance and monitors the yield

- Suitable for biogas from manure fermentation (50-65% methane, no siloxanes or heavy hydrocarbons)
- The BOK10-300 purifies and compresses the biogas. The BOK 10-300 then fills transportable bottle bundles with the biogas.
- Capacity 10 Nm³/h standard; 20 Nm³/h on request
- Removal of H₂S (< 5 ppm) and water to a dew point lower than -10 oC.
- Compression up to 300 bar
- BOK10-300 has CE approval and complies with European directive 2014/34/E

- Outdoor installation with power cable 3 x 25 A (practical power demand at 10 Nm³/h is 8 kW)
- BOK10-300 is a mobile setup (skid 2,8x2 x 2,65 m); weight 3,000 kg
- See also terms of delivery under the heading "conditions"



Rental BOT 240: storage and transport biogas

Features

All-in service: BASgas provides transport, maintenance and monitoring of filling rate

- Gas storage for biomethane from installations of BASgas BV
- Volume storage 240 Nm³
- Monitoring online at each BOT: GPS (location) and filling degree (pressure)
- Approved UN packaging
- Suitable for transport by road (ADR approval) via certified transporters
- Maximum working pressure 300 bar (test pressure 450 bar)
- Floor area 1m x 1m, height 2 m
- Suitable for outdoor installation: must be kept away from homes and business premises (you must observe the safety conditions yourself)
- Transport of BOT's will be arranged by BASgas, costs in consultation (depending on distance and time windows)

