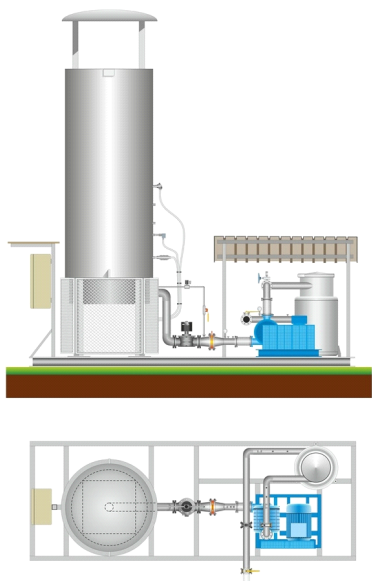




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High temperature combustion and extraction system



High temperature biogas extraction and combustion unit. Can be designed and built to meet the specific needs of the end user without limits concerning dimensions, instrumentation, capacities and powers.

Configurations:

- On skid
- In Container
- Mobile

Features:

- Filter and pipes in AISI 304 stainless steel
- Galvanized steel frame
- Flame flare contained in an enclosed chamber
- AISI 304 stainless steel combustion chamber coated with ceramic fibre (100-150 mm thick)
- AISI 304 stainless steel combustion chimney coated with ceramic fibre (100-150 mm thick)
- Stainless steel burner with multiple nozzle
- Combustion range: 25-50% methane (see graph)
- Combustion temperature 850 - 1100 °C
- Flame retention > 0.3 sec
- Value of residual oxygen in combustion fumes >6% of design capacity
- Automatic comburent air adjustment
- Minimum operating range: 1/5 of rated capacity
- PLC operation
- Compliant with ATEX standards and main sector directives