



Data sheet

Mobile vapor combustion unit

Mobile Combustor, capacity: 5 MW

OUR MOBILE VAPOR COMBUSTION UNIT MOBILE COMBUSTOR AS A CONTAINER IS IDEALLY SUITED FOR A WIDE RANGE OF APPLICATIONS AS WELL AS FOR LONG-TERM DEPLOYMENTS.

- Tanks/containers of all kinds (cryo/pressure/underground)
- Tanks, mobile tanks & suction vehicles
- Back-up of VRUs/VPS (street/rail/ship)
- Loading and unloading (street/rail/ship)
- Pipelines
- Mine gas

CATEGORY	DESCRIPTION
Combustion power	5 MW
Emission reduction	> 99,9 %
Max gas volume flow	300 m³/h by KU = 17,0 kWh/m³
Max. gas volume flow	1580 m³/h by KU < 3,0 kWh/m³
Min. gas volume flow	200 m³/h
Inlet pressure (min. - max.)	25 mbar - 150 mbar
Gas temperature (min. - max.)	-15°C - 60°C
Nominal connection width	DN150 / PN10
Installation type	2x 20' container
Weight	2x 8 tonnes
Certifications	EG Declaration of Conformity, DNV-GL

OPERATIONAL < 8 HOURS AFTER ARRIVAL
EASILY EXPANDABLE BY FURTHER ETS UNITS
TA-LUFT CONFORM
FURTHER INDIVIDUAL SOLUTIONS POSSIBLE

POLLUTANT COMBUSTION
All Zone 0 gases within pipe network
CH, C1 - C9+n, VOC
Ammonia, H2S < 300 ppm, BTEX, further HAP (on request)
Cryogenic gases
Flammable and non-flammable gases and compounds
Compensation of fluctuations in composition and flow rate for vapors

SAFETY EQUIPMENT
External signalling (emergency stop chain)
Controlled combustion
Automatic switch-off in the event of under-/over-pressure of the process gas
Flame and detonation protection
Control of combustion temperature
Protection against flashback

Six locations in four countries & numerous projects in Europe

ETS Degassing GmbH Amelinghausen (Germany, Austria, Switzerland)
ETS Degassing GmbH Pförring (Germany, Austria, Switzerland)
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MOBILE EMISSION TREATMENT

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