



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%
Gas volume flow (min. – max.)	200 m³/h – 2,200 or 4,500 m³/h
Inlet pressure (min. – max.)	25 mbar – 150 mbar (0.36 psi – 2.18 psi)
Gas temperature (min. – max.)	-15 °C – 60 °C (5 °F – 140 °F)
Nominal connection width	DN150 PN10 (EN 1092-1) ~ 6" CL150 Slip-on (ASME B16.5)
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
VOCs, BTEX, $C_xH_yO_z$ with $x = 1 - n$
Ammonia, $H_2S < 300$ ppm, further HAP (on request)
Cryogenic gases
Flammable and non-flammable gases and compounds
Compensation of fluctuations in composition and volume flow 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

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MOBILE EMISSION TREATMENT

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