





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

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

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

Seven locations in five countries & numerous projects in Europe

- ETS Degassing GmbH** Amelinghausen (Germany, Austria, Switzerland)
- ETS Degassing GmbH** Pforring (Germany, Austria, Switzerland)
- ETS Degassing GmbH** Port of Duisburg
- ETS Degassing B.V.** Stellendam (Belgium, Netherlands, Luxembourg)
- ETS Degassing SARL** Mions (France, Spain, Italy, Northern Africa)
- ETS Degassing Arabia** Jubail & Manama (Bahrain, Kuwait, Oman, Qatar, Saudi Arabia, United Arab Emirates)



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MOBILE EMISSION TREATMENT

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