



Data sheet

Mobile vapor combustion unit
Flying Combustor, capacity: 4 MW

OUR 4 MW MOBILE VAPOR COMBUSTION UNIT FLYING COMBUSTOR AS A TRAILER IS PERFECTLY SUITED FOR VARIOUS APPLICATIONS, ESPECIALLY FOR SHORT-TERM PROJECTS.

- 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	4 MW
Emission reduction	> 99,9 %
Flow (min. - max.)	200 Nm³/h - 1.200 Nm³/h
Inlet pressure (min. - max.)	(-) 5 mbar - 150 mbar
Gas temperature (min. - max.)	-15°C - 60°C
Nominal connection width	DN150 / PN10
Weight	20 tonnes
Certifications	DNV-GL Process: Zone 0 in container: no Zone

OPERATION FROM TRAILER

FLEXIBLE USE

OPERATIONAL < 5 STUNDEN AFTER ARRIVAL

EASILY EXTENDABLE BY FURTHER ETS UNITS

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
4x internal gas detectors for automatic shutdown

Seven locations in five countries & numerous projects in Europe

ETS Degassing GmbH Amelinghausen (Germany, Austria, Switzerland)
ETS Degassing GmbH Pörring (Germany, Austria, Switzerland)
ETS Degassing GmbH Port of Duisburg
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MOBILE EMISSION TREATMENT

+49 (0) 4132 654 9100 | sales@ets-group.com | www.ets-degassing.com

WE ARE PASSIONATE ABOUT SUSTAINABLE SOLUTIONS.

