



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%
Volume flow (min. – max.)	200 m³/h – 1,200 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)
Weight	20 tonnes
Certifications	DNV-GL Process: Zone 0 in container: no Zone

OPERATION FROM TRAILER

FLEXIBLE USE

OPERATIONAL < 5 HOURS AFTER ARRIVAL

EASILY EXTENDABLE BY FURTHER ETS UNITS

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, BTEX, 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
4x internal gas detectors for automatic shutdown

Six locations in four countries & numerous projects in Europe

ETS Degassing GmbH Amelinghausen (Germany, Austria, Switzerland)
ETS Degassing GmbH Pförring (Germany, Austria, Switzerland)
ETS Degassing GmbH Port of Duisburg
ETS Degassing B.V. Stellendam (Belgium, Netherlands, Luxembourg)
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ETS Degassing

MOBILE EMISSION TREATMENT

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**WE ARE PASSIONATE ABOUT
SUSTAINABLE SOLUTIONS.**

