



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

Six locations in four 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)
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MOBILE EMISSION TREATMENT

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WE ARE PASSIONATE ABOUT SUSTAINABLE SOLUTIONS.

