



Data sheet

Mobile vapor combustion unit
Midi Combustor, capacity: 200 kW

OUR MOBILE VAPOR COMBUSTION UNIT MIDI COMBUSTOR AS A TRAILER IS IDEALLY SUITED FOR MANY APPLICATIONS, ESPECIALLY FOR SMALLER CONTAINERS AND IN THE SMALLEST SPACE.

-  Tanks & containers (underground)
-  Petrol stations
-  Service lines
-  Emergency deployments
-  Fire brigade support
-  Tank container and rail cars

CATEGORY	DESCRIPTION
Combustion power	200 kW
Emission reduction	> 99.9%
Gas volume flow (min. – max.)	3 Nm³/h – 150 Nm³/h
Inlet pressure (min. – max.)	5 mbar – 150 mbar (0.07 psi – 2.18 psi)
Gas temperature (min. – max.)	0 °C – 100 °C (32 °F – 212 °F)
Nominal connection width	DN150 PN10 (EN 1092-1) ~ 6" CL150 Slip-on (ASME B16.5)
Weight	3.5 tonnes
Certifications	DNV-GL / TÜV Process: Zone 1 Outside Process: no Zone

POLLUTANT COMBUSTION
All Zone 0 gases within pipe network
VOCs, BTEX, C _x H _y O _z with x = 1 – n
Ammonia, H ₂ S < 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

OPERATIONAL < 1 HOUR AFTER ARRIVAL
TA-LUFT CONFORM
FURTHER INDIVIDUAL SOLUTIONS POSSIBLE

Six locations in four countries & numerous projects in Europe

ETS Degassing GmbH Amelinghausen (Germany, Austria, Switzerland)
ETS Degassing GmbH Pförring (Germany, Austria, Switzerland)
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MOBILE EMISSION TREATMENT

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