









Data sheet

Mobile vapor combustion unit
VCU E-3VT, Capacity: 3 MW

OUR MOBILE VAPOR COMBUSTION UNIT WITH A COMBUSTION CAPACITY OF 3MW AS A SWAP BRIDGE IS IDEALLY SUITED FOR SHORT-TERM PROJECTS AND EMERGENCY 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	3 MW
Emission reduction	> 99,9 %
Flow (min. - max.)	0 m³/h - 3.000 Nm³/h
Inlet pressure (min. - max.)	4 mbar - 0,05 PSI / 150 mbar - 2,15 PSI
Gas temperature (min. - max.)	-20°C - 80°C (-28,89°F - 176°F)
Nominal connection width	DN150 / PN10 ~ 6" / 150
Weight	18 tonnes
Certifications	CE, TÜV Süd
European patents	EP 2241 806 B1: Degassing of additional equipment/containers (mobile tanks, vacuum trucks) EP 2811229: Trailer-mounted unit

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

FLEXIBLE USE

- OPERATIONAL < 2 HOURS AFTER ARRIVAL**
- EASILY EXTENDABLE BY FURTHER ETS UNITS**
- 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.** Stellingendam (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)



ETS Degassing

MOBILE EMISSION TREATMENT

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