



# Data sheet

Mobile vapor combustion unit  
VCU E-10VT (Diesel), capacity: 10 MW

**THE VCU E-10VT IS - DUE TO ITS DIESEL BACKUP FIRING - IDEALLY SUITED TO BE DIRECTLY OPERATIONAL WITHOUT DELAY, E.G. FOR EMERGENCY DEPLOYMENTS. THE THERMAL CAPACITY OF 10 MW ALLOWS FOR A BROAD SPECTRUM OF APPLICATIONS.**

-  Tanks/containers of all kinds (cryo/pressure/underground)
-  Back-up of VRUs/VPS (street/rail/ship)
-  Pipelines
-  Tanks, mobile tanks & suction vehicles
-  Loading and unloading (street/rail/ship)
-  Mine gas

CATEGORY	DESCRIPTION
Combustion power	10 MW
Emission reduction	> 99,9 %
Flow (min. - max.)	0 m <sup>3</sup> /h - 3.000 m <sup>3</sup> /h
Inlet pressure (min. - max.)	4 mbar - 0,05 PSI / 150 mbar - 2,15 PSI
Gastemperatur (min. - max.)	-20°C - 80°C (-28,89°F - 176°F)
Nominal connection width	DN150 / PN10 ~ 6" / 150
Weight	38 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

**OPERATION FROM TRAILER**

**FLEXIBLE AND USAGE IN VARIOUS WAYS**

**EASILY EXTENDABLE AND COMBINEABLE WITH 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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