



Data sheet

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

OUR MOBILE VAPOR COMBUSTION UNIT WITH A COMBUSTION CAPACITY OF 3 MW 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%
Volume flow (min. – max.)	0 m³/h – 3,000 Nm³/h
Inlet pressure (min. – max.)	4 mbar – 150 mbar (0.06 psi – 2.18 psi)
Gas temperature (min. – max.)	-20 °C – 80 °C (-4 °F – 176 °F)
Nominal connection width	DN150 PN10 (EN 1092-1) ~ 6" CL150 Slip-on (ASME B16.5)
Weight	18 tonnes
Certifications	CE, TÜV Süd
European patents	EP 2241 806 B1: Degassing of additional equipment/containers (mobile tanks, vacuum trucks) EP 281 1229: Trailer-mounted unit

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
Protection against flashback

FLEXIBLE USE
OPERATIONAL < 2 HOURS AFTER ARRIVAL
EASILY EXTENDABLE BY FURTHER ETS UNITS
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)
ETS Degassing GmbH Port of Duisburg
ETS Degassing B.V. Stellendam (Belgium, Netherlands, Luxembourg)
ETS Degassing SARL Saint-Priest (France, Spain, Italy, Northern Africa)
ETS Degassing Arabia Jubail (Bahrain, Kuwait, Oman, Qatar, Saudi Arabia, United Arab Emirates)



ETS Degassing

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WE ARE PASSIONATE ABOUT SUSTAINABLE SOLUTIONS.

