



Data Sheet Mobile Vapor Combustion Unit (VCU E-3VT)

APPLICATIONS DURING DECOMMISSIONING, MAINTENANCE & LOADING ACTIVITIES, IN CASE OF DAMAGE OR EMERGENCY SERVICE – ESPECIALLY SUITABLE FOR SHORT PROJECTS

- All kinds of tanks and receptacles (cryo / pressurized / buried)
- Temporary replacement of VRU or VPS (road / rail / ship)
- Loading / unloading procedures (vessels / barges / trucks / wagons)
- Pipelines, pipes
- Mobile tanks, buffer tanks, suction trucks
- Mine gas
- Customized solutions

CATEGORY	DESCRIPTION
Type	E-3VT
Design	Special vehicle with mobile degassing unit • Mobile 24/7
Fully integrated safety equipment	<ul style="list-style-type: none"> • Flame and detonation arrestors • Anti-flashback burners • Flame safeguards • Automatic drive • Process control • Controlled combustion • Measurements
Emission Reduction	> 99.9 %
Combustion Power	3 MW – 10,2 MMBTU/h
Product Types (VOC/HAP)	<ul style="list-style-type: none"> • CH, C1 – C9+n • HAP (on demand) • Cryogenic gases • Flammable or non flammable waste gasses • Fast changing variations in vapor composition or flow
Atmospheres	<ul style="list-style-type: none"> • Nitrogen • CO₂ • Air • Steam
Flow (Min. – Max.)	0 m ³ /h – 3,000 m ³ /h
Inlet Pressure (Min. / Max.)	4 mbar – 0.05 PSI / 150 mbar – 2.15 PSI

CATEGORY	DESCRIPTION
Inlet Temperature (Min. / Max.)	-20 °C (-28,89 °F) / 80°C (176 °F)
Connection	DN 150 / PN10 ~ 6" / 150
Electricity	On board – 61 KVA
dB(A)	< 63 @ 7 m
Fuel Consumption	Diesel 3 l – 7 l/h
Diesel Tank Capacity	700 l
Support Gas	On board – Tank 700 l
Medium	Diesel
Footprint	L x W x H: 10 m x 2.5 m x 4 m
Weight incl. Truck	18 t
Certifications	<ul style="list-style-type: none"> • CE • TÜV Süd
European Patents	<ul style="list-style-type: none"> • EP 2241 806 B1: Degassing of additional items (mobile tank, suction vehicle, decanter centrifuges, etc.) • EP 2811229: Trailer mounted VCU

AFTER ARRIVAL AND PERMISSION, THE PROJECT CAN START IMMEDIATELY.

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Mobile Degassing Technologies

Phone +49 8403 2094 100 | info@endegs.com
www.endegs.com

