

Data Sheet

Mobile Vapor Combustion Unit (VCU E-5VT / E-5A)



APPLICATIONS DURING DECOMMISSIONING, MAINTENANCE & LOADING ACTIVITIES

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

CATEGORY	DESCRIPTION
Type	E-5VT / E-5A
Design	Trailer mounted degassing unit
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	5 MW – 17 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
Min. Flow	0 m ³ /h
Max. Flow	3,000 m ³ /h
Min. Inlet Pressure	4 mbar – 0.05 PSI
Max. Inlet Pressure	150 mbar – 2.15 PSI
Min. Inlet Temperature	- 20° C (- 28,89° F)
Max. Inlet Temperature	80° C (176° F)

CATEGORY	DESCRIPTION
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 2,700 l
Medium	Propan / Butan / EN589
Propane Consumption	Average 2018 : 35 l/h
Footprint	L x W x H: 14 m x 2.5 m x 4 m
Weight incl. Truck	38 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

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