

# Data Sheet Mobile Vapor Combustion Unit (VCU E-20VT)



## APPLICATIONS DURING DECOMMISSIONING, MAINTENANCE & LOADING ACTIVITIES

- 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-20VT
Design	Trailer mounted degassing unit + trailer
Fully integrated safety equipment	<ul style="list-style-type: none"> <li>• Flame and detonation arrestors</li> <li>• Anti-flashback burners</li> <li>• Flame safeguards</li> <li>• Automatic drive</li> <li>• Process control</li> <li>• Controlled combustion</li> <li>• Measurements</li> </ul>
Emission Reduction	> 99,9 %
Combustion Power	19,9 MW – 67,8 MMBTU/h
Product Types (VOC/HAP)	<ul style="list-style-type: none"> <li>• CH<sub>4</sub>, C1 – C9+n</li> <li>• HAP (on demand)</li> <li>• Cryogenic gases</li> <li>• Flammable or non flammable waste gasses</li> <li>• Fast changing variations in vapor composition or flow</li> </ul>
Atmospheres	<ul style="list-style-type: none"> <li>• Nitrogen</li> <li>• CO<sub>2</sub></li> <li>• Air</li> <li>• Steam</li> </ul>
Min. Flow	0 m <sup>3</sup> /h
Max. Flow	3,000 m <sup>3</sup> /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 – 83 KVA
dB(A)	67 @ 7 m
Fuel Consumption	Diesel 5 l – 12 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"> <li>• CE</li> <li>• TÜV Süd</li> </ul>
European Patents	<ul style="list-style-type: none"> <li>• EP 2241 806 B1: Degassing of additional items (mobile tank, suction vehicle, decanter centrifuges, etc.)</li> <li>• EP 2811229: Trailer mounted VCU</li> </ul>

## EMISSIONS CONTROL FOR A SUSTAINABLE FUTURE

Five locations in four countries & numerous projects all over Europe

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