

OUR SERVICE CATEGORIES:

Mobile Emission
Treatment

Nitrogen &
Safety Services

Emission
Measurement Services

Impact Calculation
& Documentation

Our mobile atmospheric nitrogen vaporizers, including an ISO storage tank, provide a total flow rate of 1,480 Nm³/h and are ideal for short- to medium-term projects. The flexible trailer system is suitable for inerting, purging and nitrogen flushing and can be combined with our Mobile Vapor Combustion Units. Additional customized solutions are available on request.



Mobile Nitrogen Vaporizer + ISO Tank

1,480 Nm³/h Flow Rate

Flexible Trailer System

Nitrogen & Safety Services can be combined with:

- + Mobile Emission Treatment (MET)
- + Emission Measurement Services (EMS)
- + Impact Calculation & Documentation (ICD)

ATMOSPHERIC NITROGEN VAPORIZER

CATEGORY	DESCRIPTION
Evaporator	Atmospheric
Max. Total Flow Rate	1,480 Nm ³ /h at 20 °C
Maximum Continuous Operating Pressure	18 bar (260 psi)
Min. Inlet Temperature	-196 °C (-321 °F)
Max. Inlet Temperature	+50 °C (122 °F)
Transport	Skid/Trailer-mounted
Approved Media	LNG, CNG, LIN, LOX, LAR, CO ₂ , Ethylen
Standard Accessories:	Pressure and Control Unit 3 × 15 m C-Hose 1 × 10 m Steel-Flex Hose

NITROGEN STORAGE TANK

CATEGORY	DESCRIPTION
Maximum LIN Filling Capacity	15,121 kg / 20,550 l
Medium	LIN, Liquid Nitrogen
Transport Condition	Empty

MOBILE TANK AND VAPORIZER SYSTEM

CATEGORY	DESCRIPTION
Space Requirement (L × W × H)	20 m × 5 m × 4 m
Total Weight incl. Truck	max. 40 t

APPLICATION

Pressure and Leak Testing
Emergency Support for Ships and Tankers
Inerting and Purging of Gas Carriers and Tank Vessels
Inerting and Purging of Transmission and Process Pipelines
Inerting and Purging of Spherical Tanks
Inerting and Purging during Turnarounds
LNG Fuel Tank Cool-Down
Inerting and Purging of LNG Fuel Tanks
Purging of Rail Tank Cars
Purging of Tank Containers

ACCESSORIES, ADDITIONAL EQUIPMENT & ADDITIONAL SERVICES

Additional equipment and support systems can be supplied as part of the overall project solution where required.

Mobile Emission Treatment (MET):	Emission Measurement (EMS):	Impact Calculation & Documentation (ICD):
Mobile Vapor Combustion Units	VOC Concentration Measurement	Additional project-specific reporting and emission impact calculations can be provided upon request
Power Generator	FID/PID Measurement	
DN150 PN10 Piping with Quick Couplings (Bauer and Perrot)	Verification by Accredited Third Parties	
Tees and Bends (60°, 90°) with Quick Couplings (Bauer and Perrot)	Degassing Certification	
Mobile Detonation Flame Arrester (IIA, IIB, IIC)		
Mobile Knockout Vessel		

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ETS Degassing SARL | Saint-Priest

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MEASURE. TREAT. VERIFY.

