

OUR SERVICE CATEGORIES:

Mobile Emission
Treatment

Nitrogen &
Safety Services

Emission
Measurement Services

Impact Calculation
& Documentation

Our mobile ATEX Zone 0 blowers with 4,500m³/hour throughput as skid are ideal for projects with short to long-term deployments. The skid is flexible and versatile for the transport of ATEX Zone 0 gases, operation is carried out from the skid with an integrated PLC. The ATEX Zone 0 blowers can be combined with our mobile vapor combustion units (MVCU). Other individual solutions are possible on request.



Mobile ATEX-Zone 0 Blower

4.500m³/hour volume flow

Flexible Skid-System

Nitrogen & Safety Services kombinierbar mit:

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

CATEGORY	DESCRIPTION
Volume flow (min. - max.)	200 m ³ /h - 4,500 m ³ /h
Inlet pressure (min. - max.) Differential pressure	-50 mbar - +500 mbar max. 120 mbar
Inlet temperature (min. - max.)	-20 °C - +60 °C (-4 °F - +140 °F)
Connection nominal size	DN150 PN10 (EN 1092-1) ~ 6" CL150 Slip-on (ASME B16.5)
Power supply	Three-phase 400 V/63 A/50 Hz
Noise level	max. 76 dB
Drive	Belt drive
Weight (incl. skid)	2,800 kg
Dimensions (L x W x H)	3.30 m x 2.55 m x 2.40 m
Certification	Transport of ATEX Zone 0 gases
Safety devices	2x built-in flame arresters, temperature monitoring
Suitable for (dust-free)	VOC, BTEX, Ammonia, H ₂ S, cryogenic gases
Environment	Nitrogen, carbon dioxide, steam, air

APPLICATION
Tank degassing
Replacement and backup for VRUs
Replacement of TO and RTO systems
Spherical tank degassing
Refineries and chemical plants
Ship loading facilities
Pipeline degassing
Ship degassing
Compressor system degassing
Emission and odor reduction
Loading and unloading facilities
VOC & HAP

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 monitoring	Additional project-specific reporting and emission impact calculations can be provided upon request
Power Generator	FID/PID measurement	
Piping DN150 PN10 with fast coupling (Bauer and Perrot)	Accredited 3 rd Party verification	
T-pieces, curves (60°, 90°) with fast coupling (Bauer and Perrot), Connection Adapters, Pressure reducing valves	Degassing certification	
Mobile Detonation arrestor (IIA, IIB, IIC)		
Mobile KO-Vessel		

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MEASURE. TREAT. VERIFY.

