



## Krantz Clean Air Solutions

### **New: OxiVOC**

The compact RTO  
with the “plug & play” advantage

*Krantz*

# OxiVOC: Completely assembled – quickly in operation!

## The new compact RTO concept by Krantz Clean Air Solutions

Regenerative oxidisers (RTO) reduce volatile organic compounds (VOC) emissions effectively, efficiently and economically in diverse industrial applications. The new compact RTO, type OxiVOC, is dimensioned for a maximum exhaust air volume flow rate of 22,000 Nm<sup>3</sup>/h.

The OxiVOC unit is completely pre-assembled and put into operation at the manufacturing site. After the installation and connection of the exhaust air and the clean air stack as well as the fuel, compressed air and the power supply, the system can be put into operation immediately in order to clean exhaust air.

Modular supplementary components permit the use of the unit in case of increased pollution loads comply with lower threshold values or utilisation of excessive heat by heat recovery. In this way, the OxiVOC can be optimally adapted to individual requirements.

### With „plug & play“ advantage

OxiVOC, the new, compact RTO, is universal in use. Due to the high degree of standardisation and the modular supplementary components, it can be adapted optimally to the framework conditions and yet still remain cost-effective and energy-efficient.

- 01 **Commissioning run conducted at the manufacturing site**
- 02 **Turnkey delivery of the RTO ready for operation**
- 03 **Unit setup within a few hours**



**Have we awakened your interest?  
We are happy to receive your queries**

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## Technical data for the OxiVOC unit:

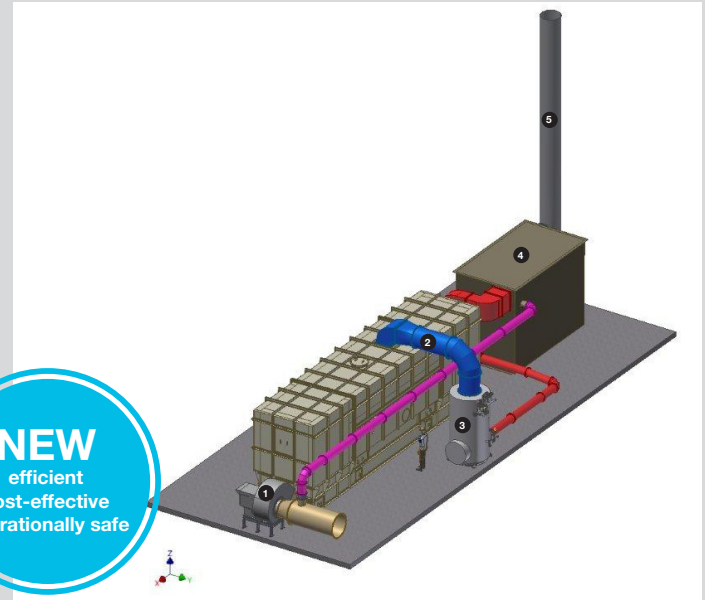
Exhaust air volume flow rate:	up to 22,000 Nm <sup>3</sup> /h
Exhaust air temperature:	≤ 80 °C
Relative humidity:	≤ 80 %
Dust concentration:	≤ 2 mg/Nm <sup>3</sup>
Solvent concentration:	up to approx. 2,000 mg/Nm <sup>3</sup> <sup>1</sup>
Max. Pressure load:	± 5.000 Pa
Dimensions (W x H x D):	12 m x 4 m x 3 m
Unit weight:	approx. 30 t

Modular  
supplementary components:

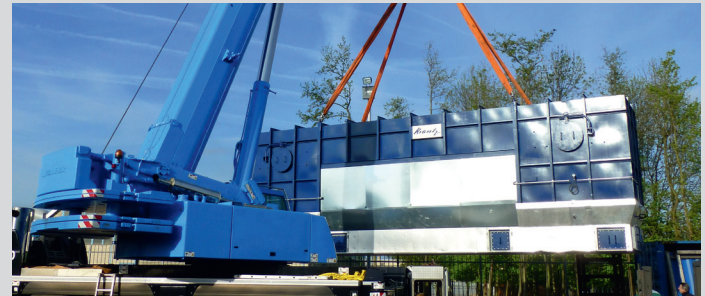
- ❶ Exhaust Air Fan
- ❷ Hot Bypass System
- ❸ Heat Recovery
- ❹ Buffer System
- ❺ Clean Air Stack

1) Related to a solvent heating value of < 7 kWh/kg. In case of higher solvent concentrations, supplementary components such as hot bypass system, buffer system or/and LEL control (lower explosion limit control) may be required.

**NEW**  
efficient  
cost-effective  
operationally safe



- Due to the pre-assembly and preliminary commissioning of the OxiVOC unit at the manufacturing site, problem-free unit installation and completion through the operator are guaranteed.
- The entire unit can be unloaded from the truck and placed directly in the location.
- Prior to exhaust air transfer, only the exhaust and the clean air, the fuel gas, the compressed air and the electricity need to be connected in accordance with the assembly instructions.
- Due to an integrated teleservice modem and own diagnosis software, supervision through Krantz Clean Air Solutions is guaranteed at all times.



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