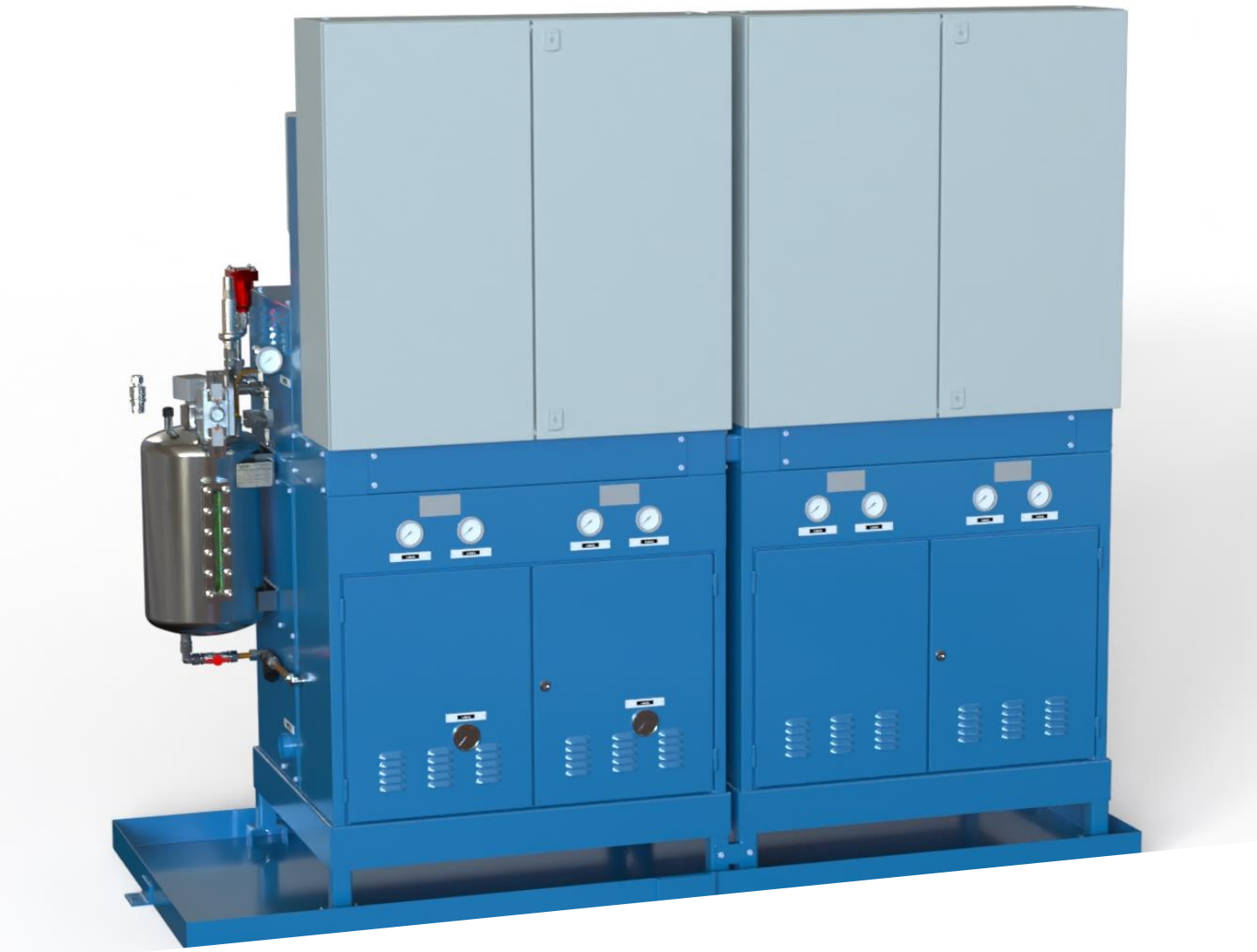

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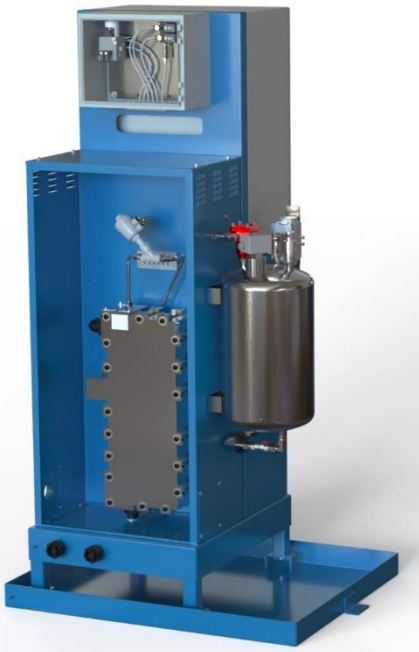
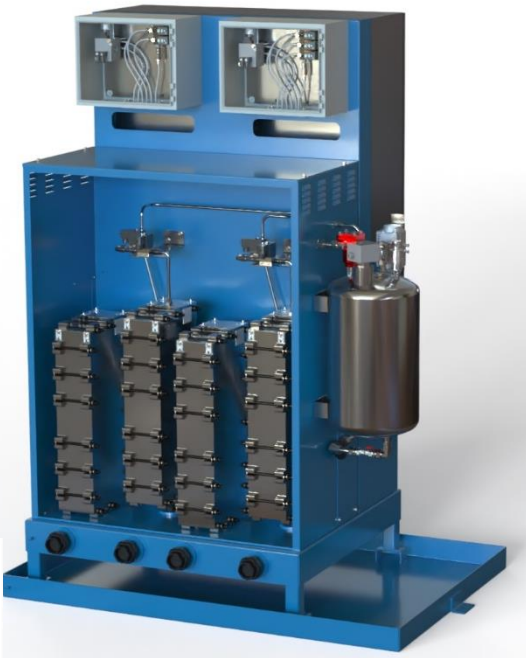


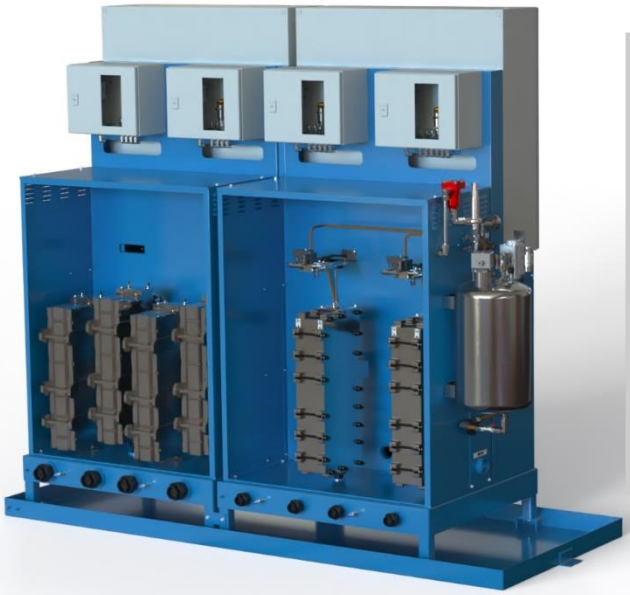
single gas generators

- up to 30 kg core weight
- dosing by Rotameter or electronic flow measurement
- state of the art PLC-control with HMI operating panel
- 1-2 heaters/evaporators
- for all gas-curing processes



double gas generators

- 20 to 300 kg core weight, expandable
- dosing by Rotameter or electronic flow measurement
- state of the art PLC-control with HMI operating panel
- quantity of heaters/evaporators according to core weight
- for all gas-curing processes



generators with seperate amine and hot air line

- 20 to 300 kg core weight, expandable
- significant reduction in gassing time by increasing the purging air temperature
- reduction of amine emissions
- dosing by electronic flow measurement
- state of the art PLC-control with HMI operating panel
- quantity of heaters/evaporators according to core weight
- for Coldbox-Amine process

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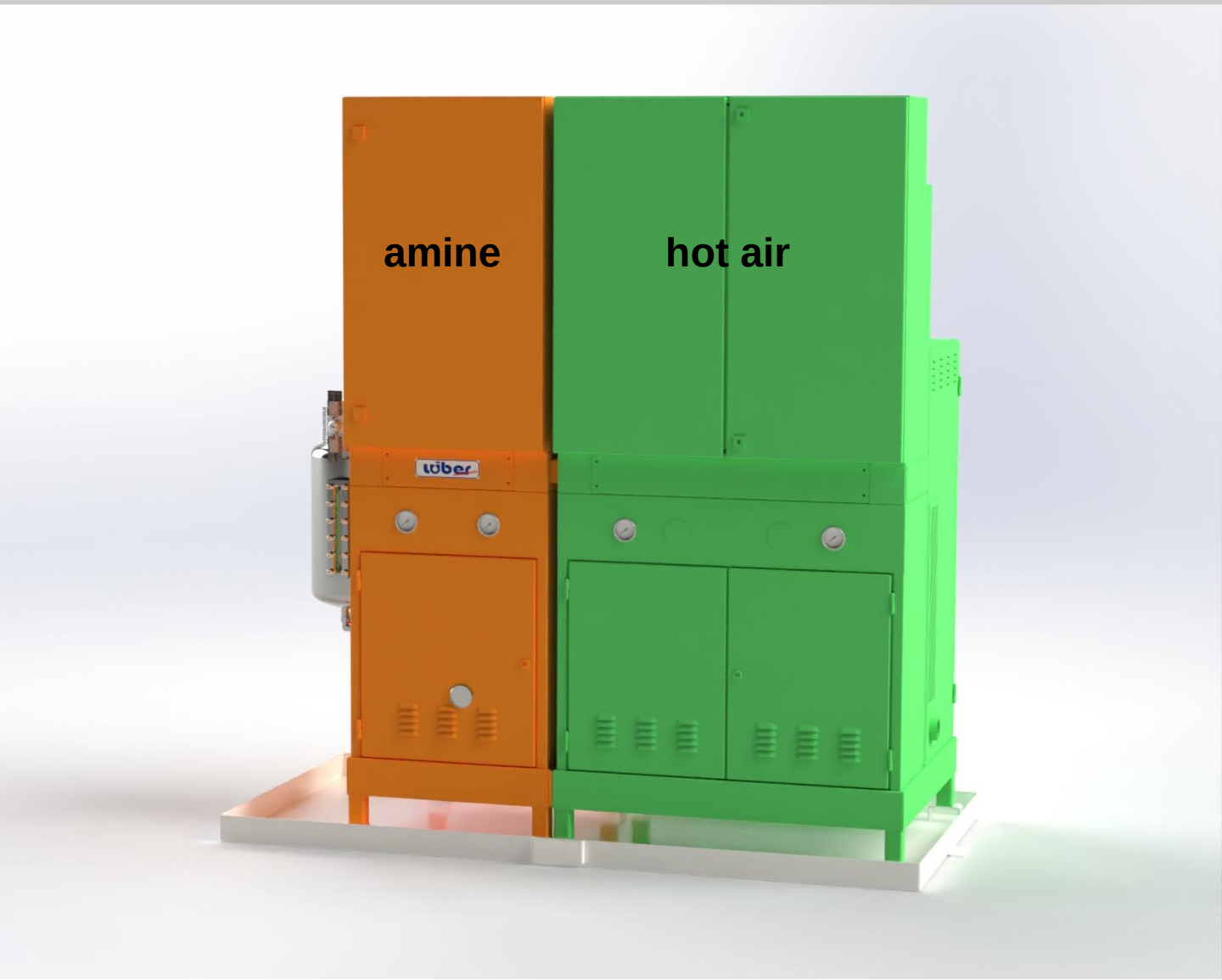
Advantages of gassing devices with separate amine and air heating (Lüber patent EP 2848332)

- Due to the separate hot air generation, purging can be carried out at much higher temperatures (up to 160°C; depending on the core box material).
- Reduction of the total gassing time by 20-50% compared to conventional gassing.
- Amine consumption is reduced by 30-60%.
- Amine emission of the overall process is significantly reduced.



All Lüber gas generators are manufactured in accordance with the current EC Directive 2014/34/EU and in compliance with ATEX and IECEx requirements.

Technical data	
Core manufacturing process:	all conventional gas-curing processes
Heating capacity:	4 kW – 64 kW, depending on core weight
possible core weights:	0,1 kg - >1,5 to
Amine dosing accuracy:	Elektronisch: < ± 0.5 % über PLC-Steuerung Rotameter: ca. 1% manuell verstellbar
Volume Amine storage tank:	Max. 30 l (mit oder ohne Füllstandssonde)
Amine refilling:	automatic (connection to central amine supply systems) and manual
control:	electronic: PLC-control Rotameter: contactor control

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