

Case study: **Drying tank truck boilers**



Mobile drier with regulated air exchange

The boilers of tank trucks (capacities between 15,000 and 40,000 litres) should be dried from the inside after cleaning and then heated to approx. 150° to 200 °C.

For this purpose, we have designed a mobile drier which blows hot air at approx. 300 °C into the tank and then extracts it back into the mobile trolley.

The drier unit consists of an LE-R 118 air heater (18 kW capacity), a blower and a switch cabinet for the electrical control system (PLC controller). The PLC-controlled program sequence regulates the temperature profile and the switchover from recirculating air to fresh air intake.



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Case study:

Drying tank truck boilers

Mobile drier with regulated air exchange

Technical data of the installation

Air heater

Air heater HAPRO LE-R
Output: 18 kW

Blower

HAPROVENT H SCL

Controller

Switch cabinet
PLC controlled

 **HAPRO**
Thermodynamic Engineering.
Product Line of WiTec Elektrotechnik GmbH

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