



## sar@OrganoOven

The sar@OrganoOven has been designed both for permanent integration into a fully automated system and for mobile heating of organo sheets and natural fibre mats. Flexible mat inserts and the highly innovative control of the heating elements drastically minimise cycle and retooling times.



- The SAR organo oven is ideal for the targeted heating of organo sheets and natural fibre mats for lightweight construction
- Monitored by pyrometers, the temperature of up to 28 independent heating zones can be controlled according to the process
- Based on the relevant recipe, temperatures can be adjusted and monitored according to a SAR patent
- In a process-reliable manner, heating parameters can be tracked based on the component
- A stand alone variant has been designed for mini series production and a fully automated version for series production
- A heating output of 2.5 kW maximum provides optimal heating efficiency
- Quickly exchangeable parts trays are ideal for flexible production

Mobile IR heating equipment for 1000mm x 1000mm  
Consisting of:

- Base frame with 4 guide rollers & bottom locking mechanism
- Lifting table to feed and discharge the organo sheets
- Mesh wire mounting specific to the component
- 6x pneumatic counter brackets for gripper
- Manual height adjustment of  $\pm 50$ mm
- Housing/sheathing made of stainless steel

28x KRELUS IR heater G14-25-2.5 MINI 7.5

- Output 2.5 kW
- Current of each heater 11A
- Voltage of each heater 230 V / 50 Hz

Optional 4x KRELUS IR heaters G14-25-2.5 MINI 7.5

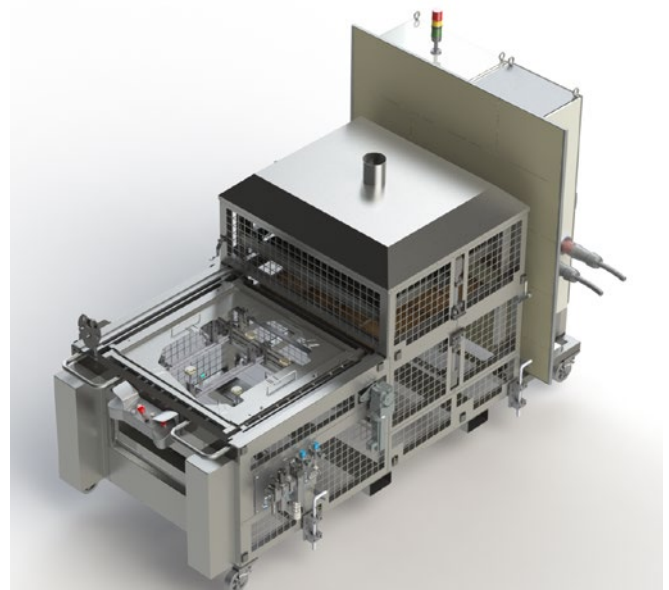
- STANDARD through-hole
- Output 2.5 kW
- Current of each heater 11A
- Voltage of each heater 230 V / 50 Hz

Support frame specific to the component

Optical pyrometers with air purge unit

Siemens S7-1512C controller (ProfiNet)

Siemens TP 900 Comfort control panel with signal transmission to the robot



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