

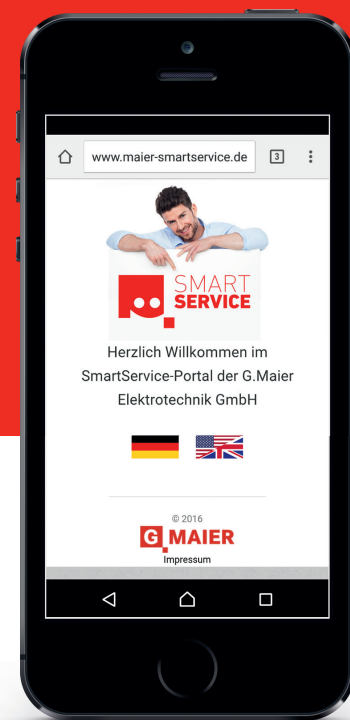


Be smart with the MAIER SMARTSERVICE app

Get in touch with us quickly and smartly in the age of „Industry 4.0“.
Just scan the products QR code, and you'll get

- Further information on the product with the MAIER SmartService app
- Search for or order a replacement part
- Request a technician for maintenance task
- Search for or order a replacement product

If the enhanced SmartService function is integrated, the system
will recommend maintenance and visualise this on the panel.



SWABIAN QUALITY MADE IN GERMANY

We guarantee high-quality products with state-of-the-art
measuring and testing equipment. Testing protocols also in
accordance with AMS2750E.
We are certified according to DIN ISO 9001:2008.

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Further information on:
www.maier-elektrotechnik.de



- AIR HEATERS
- HEATING OVEN
- HEATING TUNNELS
- REGULATION TECHNOLOGY

Process-Optimized Heating Systems



Perfectly suited to your tasks -
as single components,
or as entire system solution!

Our fan heaters, heating oven and heating tunnels
are used in the automotive, chemical, plastic processing
and food products industries as well as in engineering
and in the laboratory and testing institutions and in
many other fields.



Round Table Conveyor Oven
Spiral lines are warmed homogeneously in a convection heating system at 185 °C, then cooled down and ejected. Operation and regulation with MAIER WT4.0, including remote maintenance module.



Conveyor oven for hardening of electronic components – two heating circuits, exhaust air controls and a chain transport system are integrated.



Oven for tempering Teflon tubes – with 5 independent heating zones.



Oven for the food and drink industry – wet packaging units are dried homogeneously.



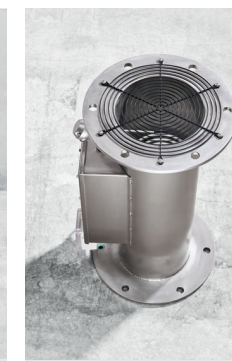
Infrared heating system – for quick and energy-efficient shrinkage from pipes to building parts.



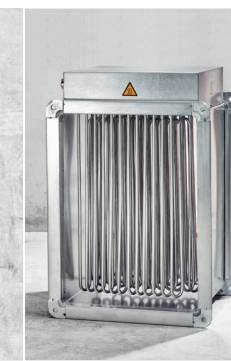
Standard heating oven – can be delivered quickly.



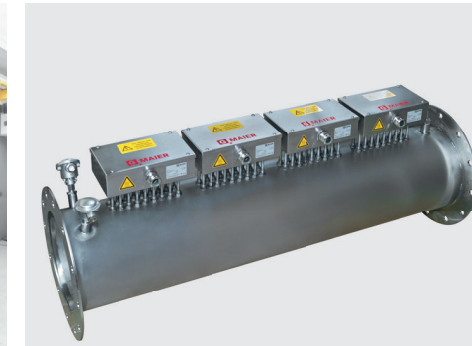
Paternoster heating oven – space-optimized warming of gear parts.



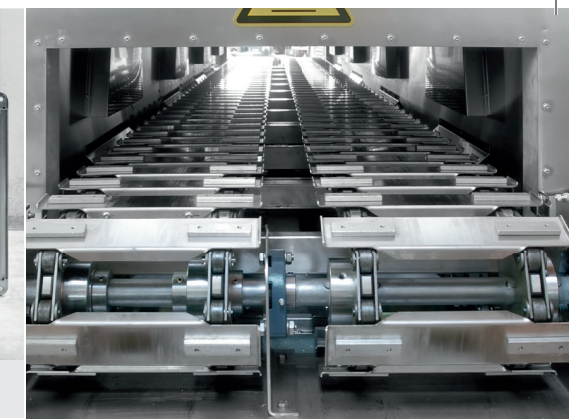
Air heaters – as a built-in module with integrated air sensors.



Air heater – with flanges on both sides.



Air heaters for higher temperatures – with distant connection boxes and flanges on both sides.



Project Planning and Manufacturing

Heat should only be where it is needed.
The main issues for our project planning are:

- What needs to be heated?
- In what period of time?
- At which temperature?
- What level of temperature do you need?
- Under which environmental conditions?
- What level of energy-efficiency is needed?

After assessing these issues, our project planning team will decide whether the specific solution should be a hot plate, heating spigot, hot stamp, hot table, or heating system with control and regulation technology.

Heating Tunnels

Heating tunnels are used for warming, drying or tempering parts during series manufacturing. We develop and manufacture them in a building set system, depending on the work for which they are required:

- With various heating and cooling areas
- As a convection oven, or with radiant heating elements
- With various component transport systems

Heating Oven

Their purpose is to warm, melt and dry substances and keep them warm, even during endurance runs. We can offer heating oven as:

- Convection oven with fans, or equipped with radiant heating elements
- In various mechanical designs
- Also with integrated cooling systems

Air Heaters

Air heaters directly warm air and gases at a high level of efficiency. Important information for our project planning:

- Quantity and speed of air
- Entry and exit temperatures
- Number of regulations required
- Possible duct dimensions

Energy-efficient Control and Regulation Technology

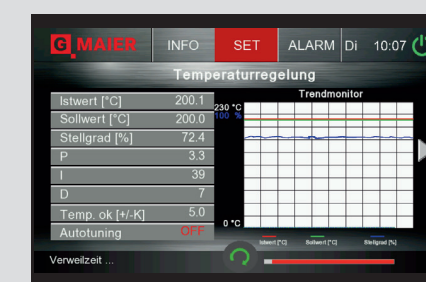
With our modularly assembled MAIER WT4.0 control and regulation technology, we can offer you the following in a most economical manner:

- Accomplished 'Industry 4.0' communication
- Energy efficiency through our PID temperature regulation and thermal insulation system
- Ergonomic and user-friendly handling



Intuitive operation with MAIER WT4.0 offers the following benefits:

- Important process parameters at a glance such as desired and current temperatures, energy use level, etc.
- Weekly time switch
- Password-protected parameter settings
- Auto monitoring functions, reset function and error history



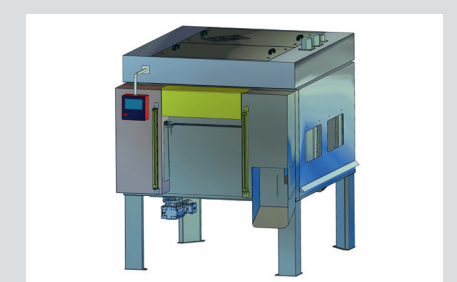
Descriptive Visualization, Documentation, Exchange of Data:

- Key process parameters can also be viewed on the panel throughout the process
- Interfaces for documenting additional data as well as for your energy management system
- Various interfaces for exchange of data relevant to the process
- Remote maintenance module and lots more



Automatically-generated maintenance recommendations:

- We assess internal processing data and generate the maintenance recommendation, if required.
- The maintenance recommendation is stored in the alarm history.
- You can easily get in touch with us via the QR code and the MAIER SmartService app.



From conception to creation – we can offer you everything from one source:

- Project planning and design of the heating system
- Oven construction
- Clarifications of interfaces
- Control / regulation technology
- Realization and putting into operation