



## We can do a lot for you

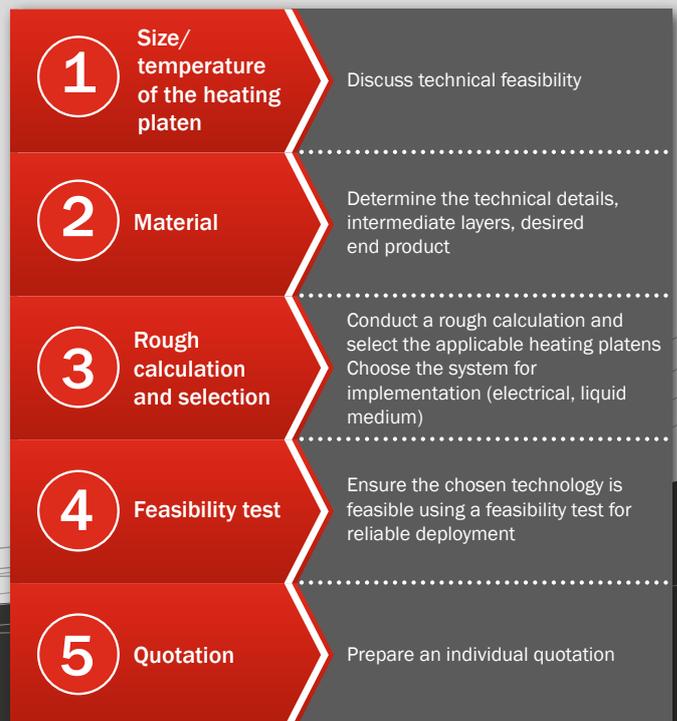
We develop individual solutions with a passion for technology. Our knowledge of heating, cooling and vacuum systems acts as a guide; the experience we have in many industries enables us to approach the solution from different directions. This is known as creativity, innovation or competence.

We call it: perfection with the essentials in mind!

## The project meeting

You and us together.

You're in the best hands as soon as the project gets underway. We listen to you, think about your input, expand on those ideas, and think ahead. We join forces with you to develop the project requirements and to identify the challenges surrounding the size and temperature of the heating platen and the material of choice. We conduct extensive feasibility studies even before submitting our final quotation just to make sure you're on the safe side.



# INDIVIDUAL SOLUTIONS.

## COMPETENCE IN HEATING PLATEN + SERVICES

# The materials

It's incredible. But true. You'll be surprised at the amount of materials that can be processed using our products. Why not see for yourself!

- ✓ Wood-based materials
- ✓ Polyurethane
- ✓ Natural fibres (e.g. flax)
- ✓ Carbon
- ✓ Honeycombs
- ✓ Veneers
- ✓ Composites
- ✓ Thermoplastics
- ✓ Mineral composites
- ✓ Prepreg
- ✓ Sandwich panels
- ✓ Solar modules

We do not yet know what we'll be processing tomorrow. **It depends entirely on your individual project.** We look forward to taking on the challenge!

## Examples of projects

### 1. Aviation

One of our aviation customers benefits from our patented ÖKOTHERM system. Very large components are preheated, formed and then cooled in a vacuum. A key aspect: pressurised water temperature control ensures that our medium heating platens achieve a temperature accuracy of +/- 1 degree at the surface. In this project we use a vacuum table with an effective area of 7250 x 1600 mm.

### 2. Foaming plants

We developed heating platens for a foaming plant. What's so special about them: they are over 8 metres long. Essentially, we create flexible sizes in different segments, each including standard control and temperature control units.

We are producing several special 8400 x 1300 mm liquid medium heating platens for a multi-stage foaming press. This enables the manufacture of sandwich elements with a polyurethane core for cold houses and refrigerated trailers. Not only the length was important – excellent heat distribution also played a key role by creating the ideal foaming temperature and swelling volume across the whole surface.

### 3. Research

We developed special ÖKOTHERM liquid medium heating platens with a diameter of 7 metres for a research project in the field of meteorology. These platens were then installed in a tower. The objective: to simulate and measure air circulation and air flow.

### 4. Solid surface materials

We are currently installing a new vacuum table for sublimation printing at the test and service centre of a leading manufacturer of solid surface materials. Temperatures of up to 200 degrees can be reached using the vacuum work plates with heating and cooling capabilities.

### 5. Museum

Fascinating: our product is being used to restore oil paintings in a museum in Eastern Europe. Works of art up to a size of 3.60 x 2.50 metres can be restored contributing to art and culture.

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