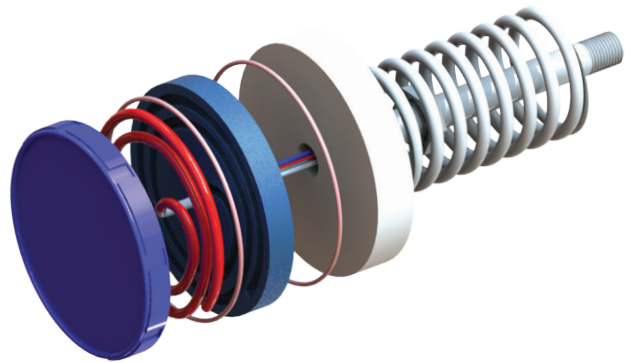




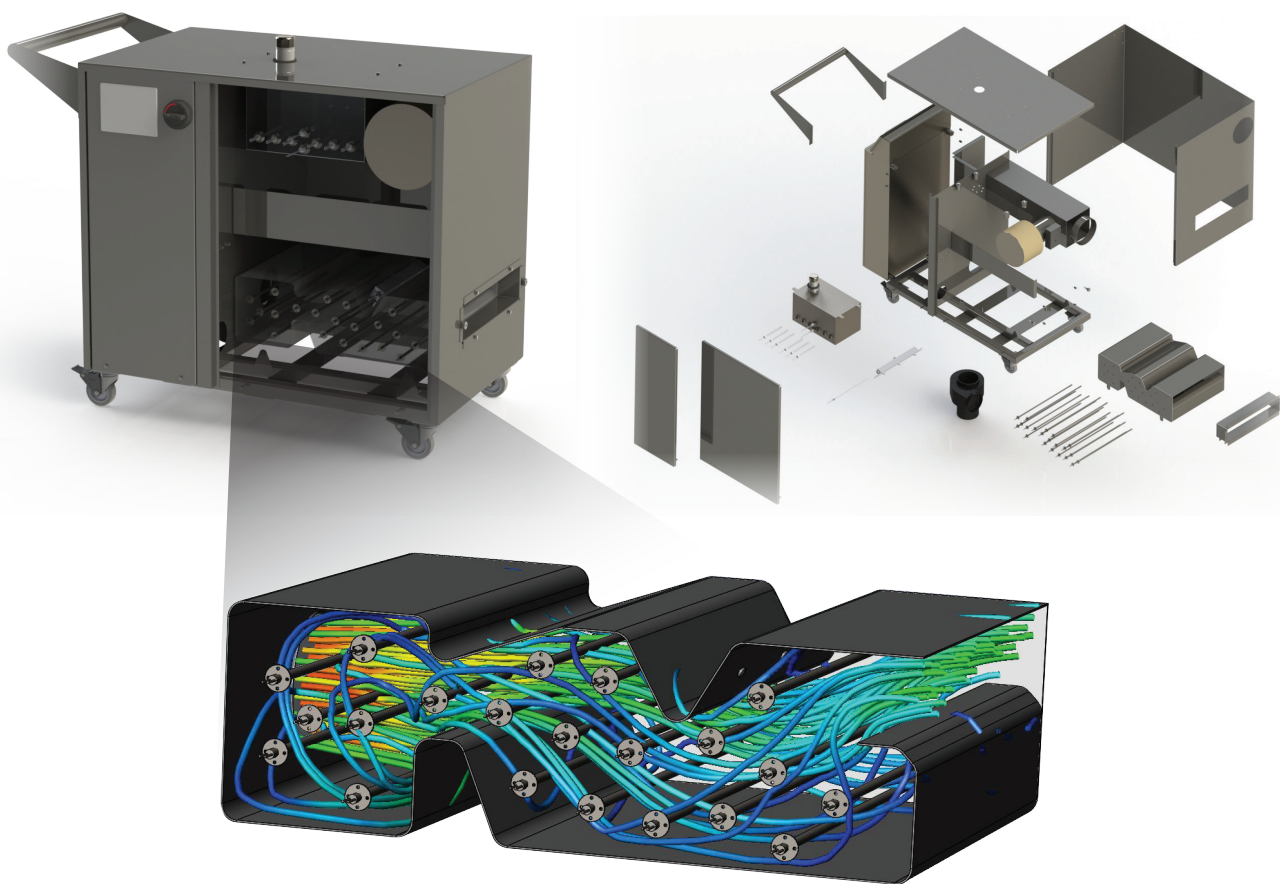
Sub-Assembly

Assembly

Thermal Solution System



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An assembly design with two liquid heating compartments and an air heating component with a built-in control monitor. Part of an assembly is designing for efficiency. our engineers run heat simulations to ensure we are providing a sound solution.

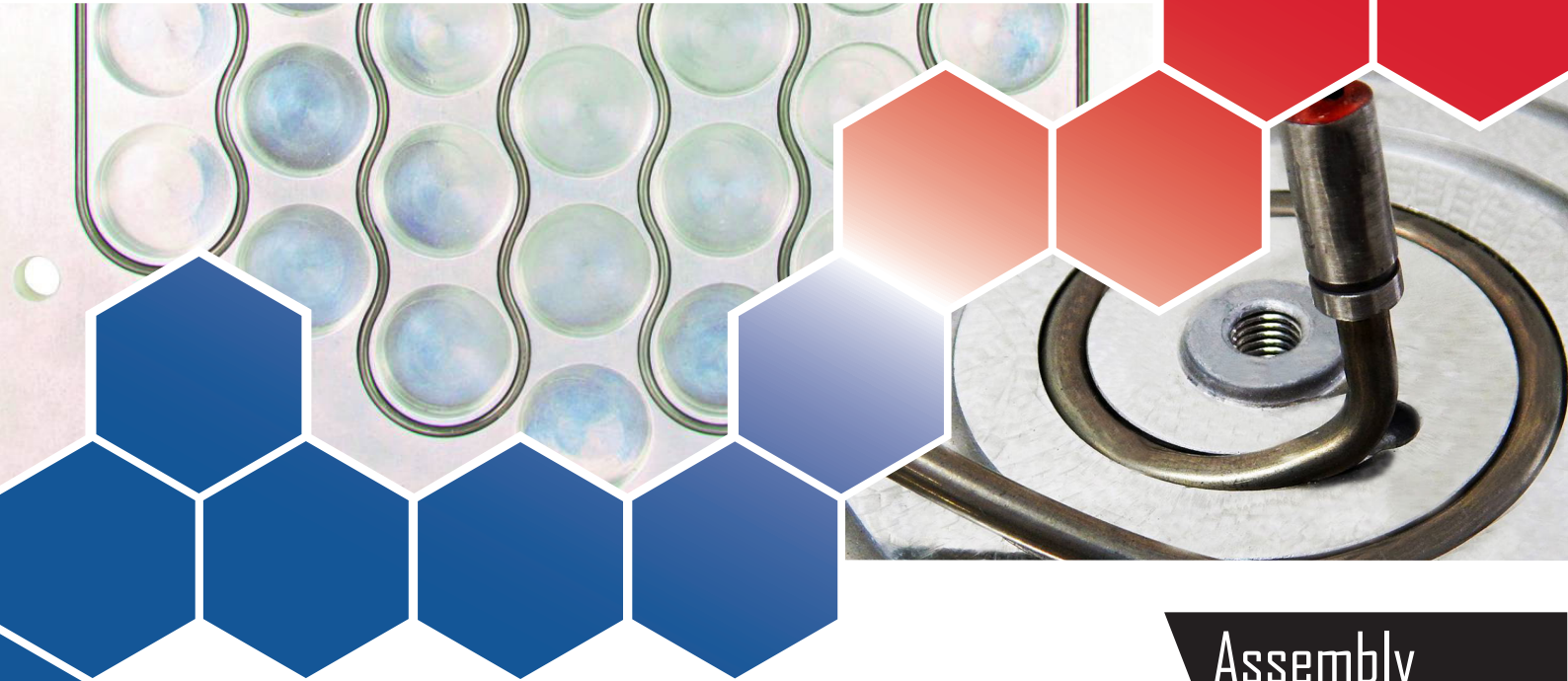
Since our beginning in 1986...

Nexthermal has invested in the ability of our employees to deliver solutions for the thermal challenges our customers face. We have broadened our core expertise beyond manufacturing heaters to assisting our customers with the design and development of solutions specific to them including sensing, control, data collection, mechanical design, and simulation. Nexthermal is focused on delivering the smart heat management solution you need to accelerate your development, improve equipment performance, and increase manufacturing productivity to meet your customer's demand.

Sub-Assembly

Sub-assemblies improve manufacturing throughput by eliminating bottlenecks of adding plugs, other heaters, sensors, or kitting.

If assembly or kitting of a heater-based sub-assembly is a bottleneck for your production, we can help you improve your output.



Assembly

Nexthermal assemblies take it to the next level. Some examples of what we have done:

- ▶ Developed articulating heated assemblies that are plug and play within a larger system.
- ▶ Discretely designed and developed a new IP for a major food production company—cooking devices that can be installed on automated production lines.

Often machines, such as a packaging jaw, can be designed to run faster than the heat can be recovered. Therefore, improving the thermal performance and heat recovery times can directly drive productivity.

Assembly improvements have made it possible for food production companies to improve output by more than 20% in the same footprint—eliminating the need to build a new plant.



Thermal Solution System

Nexthermal has experience integrating:

- Control Systems
- Data Collection
- Communication Protocols
- Power Distribution
- Conductive Heat
- Radiant Heat
- Thermal Mass
- Working Surfaces
- Sensing
- Structural Components

With our Thermal Solutions Group, we can **design, simulate, source, build, test, and install** the thermal solution you need to accelerate your innovation. We have powerful partners. We can validate your concept and design with your performance goals in mind.

When you engage Nexthermal to deliver a sub-assembly, assembly, or system—you can be confident we will understand your application, deliver a solution and implement with excellence. It all starts with a phone call, a drawing, a concept or an email. We look forward to starting the process with you!