



Photo: Carola Gietzen

Karl-Heinz Haas

SUCCESSSTORY
NO.4

hs2 engineering GmbH

... know-how, teamwork and desire for innovation – Probably the best vocabulary that describes hs2 engineering GmbH.

This **know-how** is the result of years of experience in the field of aircraft cabinets and kitchens. The hs2 team has never hesitated to face new challenges in this area. This also includes applications which are considered to be very complex and difficult to implement in this area, such as, for example, microwaves, dishwashers or induction hobs. Not a big deal in the household, but technically and commercially on board an aircraft really difficult – especially considering the complex technical requirements, small development budgets, short development times and low unit numbers.



Behind innovative inventions, their implementation and the companies that create them, there are always people with a passion for progress and development, who make these things their life-goals. They have the urge to turn ideas into reality, to improve on existing conditions, in the world in general and in their own lives.

As a result, hs2 as a young company can refer to a variety of successfully completed projects and has a unique knowledge worldwide in the area of the aircraft shelf kitchen and more and more in the cabin area. From our knowledge, all induction heaters and other devices with inductive heating in the aircraft, as well as the currently only single microwave oven approved for the A350, are based on the work of the team of hs2.

Teamwork is very important to us! Even as a small company, hs2 is now set up in such a way that we are able to offer turnkey solutions to our customers, i.e. we take over complete projects – from system design, development and qualification, to the realization of prototypes or production of small series. Teamwork is not only an internal matter of hs2 - our partners are actively involved in our projects: Here, we are particularly interested in long-term cooperation and a continuous expansion of the portfolio. The owners of hs2 also provide the core team of the company; This consists of an informatics expert (Steffen Simon), a mathematician (Verena Schwarz), an engineer (Peter Huber) and a physicist (Karl-Heinz Haas). The desire for innovation is thus in the genes of hs2!

The associated heart blood, coupled with the many years of experience of the entire team, leads to new ideas and approaches that we work together with our customers, as well as in our own projects and products. An example of this is our new induction cooktop for the on-board kitchen, which not only includes an unprecedented performance for airplanes and an efficient air purification and pot holder system, but can also be used as a toaster or a rice cooker. For this purpose, new technologies are used for the non-contact transfer of power and for communication.

In addition to the projects in the aviation sector, hs2 is also involved more and more in industrial projects. Here too, new technologies are verified together with customers and partners, such as DECT-ULE or cloud-based applications, and implemented within new products. These new fields of technology are also to form the basis for new applications for intelligent, networked devices in the aviation sector.

www.hs2-engineering.de

These people put their knowledge, passion, money and time into projects which then, ideally, meet with success. Concrete examples of success such as these are the best motivation!

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