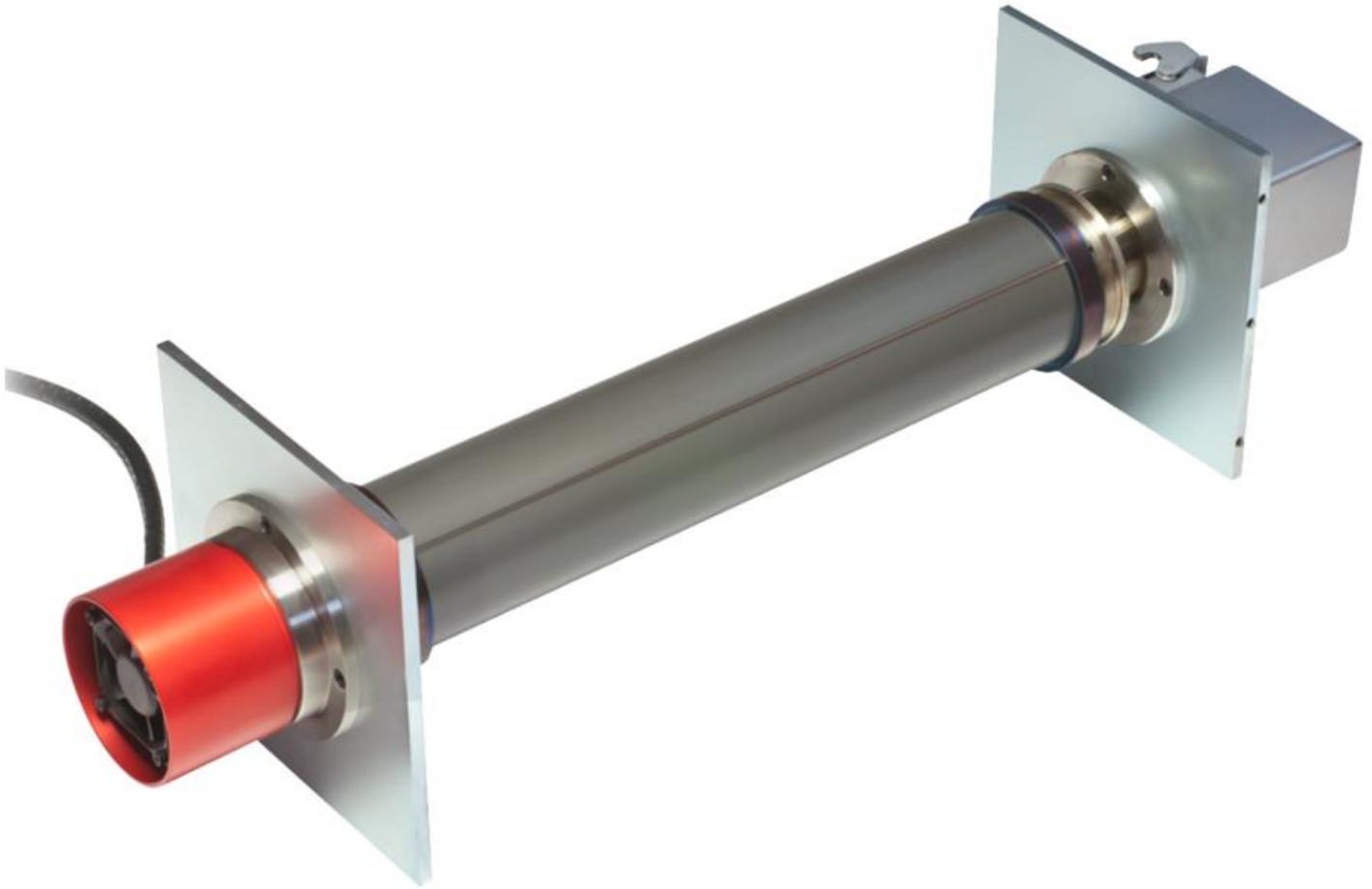

Induction heated hotfoil unit



Your benefits

economical

Highest efficiency through induction technology and fastest heat-up

safe

No heat-transfer oil needed – safe for operators and clean environment

precise

Multi-zone temperature setting
High accuracy temperature control

Competence

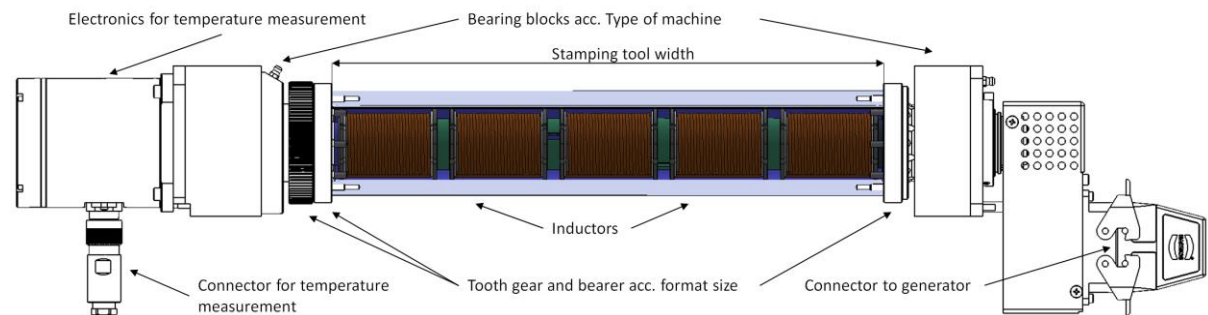
In cooperation with Kendrion Kuhnke Automation GmbH, gs-engineering successfully developed a new hotfoil stamping cylinder. With many years of experience in the production of industrial automation components and inductive heating system, Kendrion Kuhnke is our ideal partner.

Economical

This efficient and economical solution replaces conventional applications for rotary hotfoil stamping units. Many of their expensive components, such as rotary inlets, hoses and couplings are no longer needed by the use of the new system. Fast heat-up times and low maintenance allow a high availability for production.

System

The applied technology enables precise control of individual heating zones of a cylinder. The desired zone temperatures are entered on a touch panel. The actual zone temperature is measured with up to four temperature sensors directly on the outside shell of the cylinder. Therefore any deviation of temperature will be detected very quickly and balanced by the induction generator. The result is a very small temperature loss and a fast temperature regulation for best possible process stability.



Heating time Ø85 mm cylinder up to 220 °C

