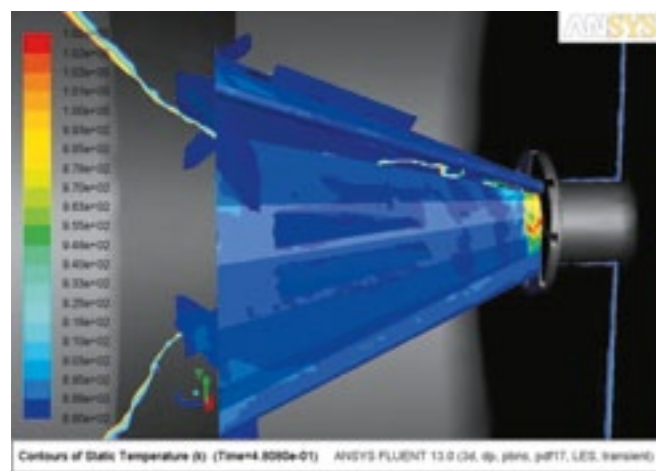




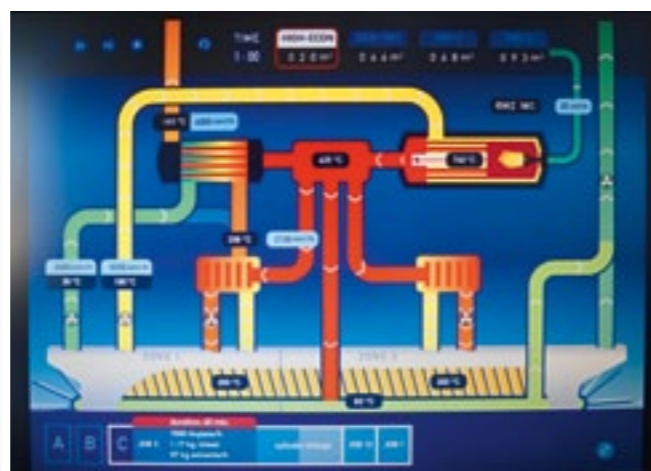
## HighEcon drying oven New design meets high tech

KBA-MetalPrint has developed a new generation of drying ovens which guarantees even greater energy savings and efficiency. Key features of the new HighEcon drying oven concept are the automatically controlled exhaust air volume, a reduction of approx. 70% in gas consumption compared to an oven without air purification, modified air flows within the oven, and the use of frequency controllers for all fans. Together, these features enable the handling of extremely thin metal sheets down to a thickness of just 0.100 mm.



### KXB – the new burner generation

The new developed burner type KXB (in cooperation with Karlsruher Institute for Technology KIT) provides sufficient cooling due to its flow-optimised design, resulting in longer lifetime and achieves emission limits at lower combustion temperatures.



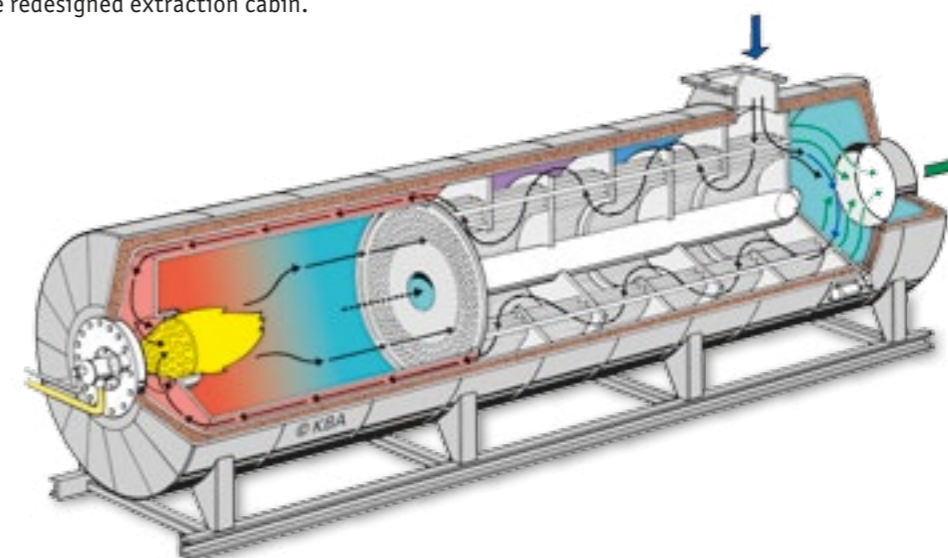
### HighEcon flow diagramm

Simulation program visualising the gas savings depending on different jobs and changeover sequences.



### Cabin front display

All system-relevant settings and consumption data are presented to the customer at a glance on the display of the redesigned extraction cabin.



Scheme of the HighEcon TNV with enlarged main heat exchanger, the centerpiece of the HighEcon drying oven