



Winner of the
productronica
innovation award 2021

Cluster SMT: SMT Maschinen- und Vertriebs GmbH – Profiling Plus

Words of praise from Dr. Maik Hampicke, Fraunhofer IZM

This year, the company SMT Maschinen und Vertriebs GmbH from Wertheim won the first place in the SMT cluster with its product "Profiling Plus". The SMT Maschinen und Vertriebs GmbH is an innovative, medium-sized company that has been active in the field of electronics manufacturing especially in the field of thermal process technology for more than 30 years.

Long changeover times lead to long downtimes and lower machine availability. Production cannot take place during this time. This reduces productivity and increases costs. In reflow soldering systems, these downtimes occur regularly when the systems have to be converted to new products and new soldering profiles. With the innovation "Profiling Plus" submitted here by SMT, it is not only possible to minimize the changeover times, but to reduce them to 0%.

This means it is possible to switch to new soldering profiles without changeover times and therefore without downtimes. This will be achieved through a unique, innovative heating zone concept with optimal airflow and continuously adjustable fan units. This enables individual parameterization of the soldering profile. And a 1-temperature profile is made possible for a wide variety of product variants.

The product sets new standards in productivity. Small and medium-sized manufacturers in particular, who have products with a high degree of variance, will benefit from the idea. The highest cost savings will be possible here.

Congratulations for the 1st prize in the SMT cluster to SMT Maschinen und Vertriebs GmbH for the outstanding innovation. We wish you every success with the product and the marketing that follows.