New system awarded
SMT wins Global Technology Award the new vertical oven SMT Vertical

Once again, an innovation of SMT Thermal Discoveries has won a Global Technology Award. SMT received the award for the fifth time.

The new concept of the vertical oven SMT Vertical convinces with the small footprint. Instead of a horizontal oven with a length of 6.5 m (triple lane) SMT developed a vertical oven with a length and width of 1.6 m and a height of 3.4 m. This saves approx. 65 % of floor space in production, which reduces current fixed costs. In addition, the system allows 60 % energy savings by reduction the fan.

The transport mechanism is simplified and a low-maintenance system has been implemented with stackable workpiece carriers. The tool-free accessibility to the process area and the workpiece carriers is facilitated by two large side doors.

The vertical tower is a modular system that can be adapted to the line layout individually. The input and output at the same point (lean concept) also allows the connection to an automated robot cell or inline solution.

“We are very excited about the award and the recognition of our new development. By reducing oil and lubricants and saving energy, our development department has once again succeeded in bringing an innovative and environmentally friendly system to the market,” said Matthias Pfeifer, Head of Sales and Marketing at SMT.

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