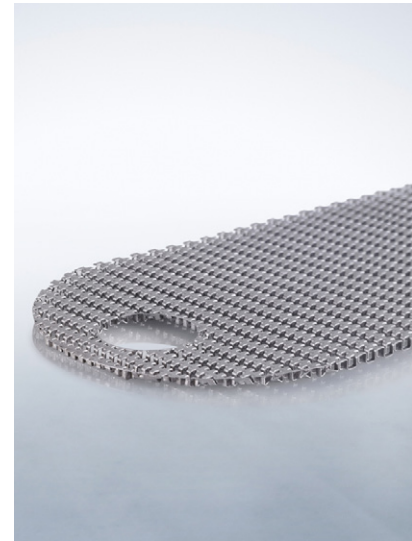


# Fin Forming for manufacturing stamped quality fins

**SCHAAL**  
by Weil Technology



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**In the fully automated production of stamped radiator fins made from a coil, intricate fins whose shape is optimized for ideal thermal conductivity can be formed in a multi-track stamping process thanks to tooling technology.**

## **Highly efficient production of high performance fins**

Stamped radiator fins have a nearly rectangular shape. Due to the flat top and bottom of the fin, the contact surface for soldering is ideal. A high heat exchange to the neighboring fins becomes possible.

Thus, compact heat exchangers with high cooling capacities can be produced. With stroke rates of max. 300 strokes/min., production is possible on up to six tracks. The endlessly manufactured cooler fins are trimmed by an additional form-separating tool.

## **Schaal Technology**

Schaal Technology has been developing machines and systems for innovative forming and stamping-solutions for over 70 years. As early as 20 years ago, Schaal Technology implemented a first production solution for the fully automated manufacture of stamped radiator fins.

Schaal Technology emerged from the company „A. Schaal GmbH & Co. KG Werkzeug- und Maschinenbau“, which was founded in 1948, and is now a wholly owned subsidiary of Weil Technology GmbH. At the company's headquarters in Müllheim in southern Baden (Germany), around 220 employees manufacture all Weil Technology and Schaal Technology systems.

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