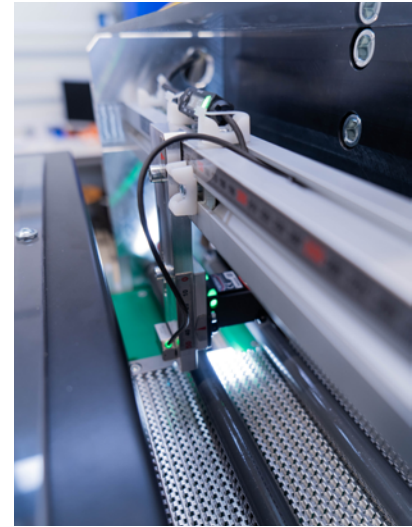


# Fin Forming with positioning system for stamped quality fins

**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. In order to position the individual moulded strips precisely in relation to each other, we have reached another milestone with our latest new development for strip positioning in the forming and separating cut of fin systems.

## Highly efficient production of high performance fins

Depending on the fin design and the number of up to six tracks, offset fins with a stamping speed of up to 400 strokes per minute are produced on our stamping machines using a newly developed process-optimised strip positioning system.

By using a camera system in combination with a special laser sensor, we achieve maximum process reliability in order to avoid defective fins in the overall process. This prevents disruptions to the process sequence, avoids costly control measures and reduces the scrap rate.

## Schaal Technology

Schaal Technology, with its headquarters in Salach, has been developing and building machines and systems for innovative stamping and forming solutions for almost 80 years. For many years, Schaal automatic stamping presses have been in durable and long-lasting use in many industries and applications.

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 with headquarters in Müllheim in southern Baden and a total of around 250 employees.

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