



## Press Release

# TRUMPF spins off the start-ups Optimate and ScaleNC

**Optimate uses AI to improve the design of sheet metal parts // ScaleNC prepares CAD models for production and delivers machine programs via the cloud**

*Ditzingen, September 22, 2020* – The high-tech company TRUMPF spun off two start-ups, Optimate and ScaleNC. The companies offer digital solutions for sheet metal production. Optimate develops an AI-based software solution that enables sheet metal workers to improve their components and reduce costs. ScaleNC prepares design drawings and takes over the NC programming for sheet metal fabricators. Both companies are based in Stuttgart and operate completely independently. The ideas for the start-ups were developed as part of TRUMPF's "Internehmertum" program. Here employees can develop business ideas and start their own company within half of their working hours. "The offerings of the two companies are an excellent fit for us as a leading user and leading provider of digitally networked solutions in sheet metal processing. Through the spin-offs, we give the start-ups the entrepreneurial freedom they need, especially in the initial phase," says Christof Siebert, Head of the Internehmertum program at TRUMPF.

### **Optimate: Cut manufacturing costs**

Optimate is an online platform that enables sheet metal components to be produced more cost-effectively. Here customers can upload the CAD data of their components and an AI then recognizes if and how the components can be improved. For example, the start-up shows customers how they can manufacture using less material or where welding seams can be replaced by bends. The aim is to reduce manufacturing costs in sheet metal processing. "We want to transfer component design into the online age. This will enable our customers to design more sustainably, reduce costs and manufacture more efficiently", says Jonas Steiling, one of the three Optimate founders. Optimate also detects design errors, such as when a hole is too close to a bending edge.

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### **ScaleNC: Machine programming as a service in the cloud**

The start-Up ScaleNC uses a cloud platform to program the machine controls for sheet metal fabricators. Customers can upload raw CAD data, drawings or simple sketches and specify which NC programs they require. ScaleNC prepares the data for production and creates suitable machine programs for laser, punching and bending machines, which customers can use directly in their production. "We offer our services at a fixed price without any contractual obligation. We provide support both in flexibly bridging bottlenecks in work preparation and as a long-term partner," says Holger Röder, co-founder of ScaleNC. The start-up's offer is aimed particularly at small and medium-sized companies.

#### **Links:**

[www.optimize.de](http://www.optimize.de)

[www.scalenc.com](http://www.scalenc.com)

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#### **Optimate\_ScaleNC**

ScaleNC and Optimate support sheet metal fabrication (icon picture).



#### **About TRUMPF**

The high-technology company TRUMPF offers production solutions in the machine tool and laser sectors. It is driving digital connectivity in manufacturing industry through consulting, platform and software offers. TRUMPF is the world technological and market leader for machine tools used in flexible sheet metal processing, and also for industrial lasers.



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In 2019/20 the company – which has about 14,300 employees – achieved sales of 3.5 billion euros (preliminary figures). With over 70 subsidiaries, the TRUMPF Group is represented in nearly all the countries of Europe, North and South America, and Asia. It has production facilities in Germany, France, Great Britain, Italy, Austria, Switzerland, Poland, the Czech Republic, the USA, Mexico, China and Japan.

For more information about TRUMPF go to [www.trumpf.com](http://www.trumpf.com)

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