



— RAMONA HÖNL

Sustainably improving supply chains with 3D printing

Supply chains are currently disrupted by crises and are in the spotlight. Additive Manufacturing (AM) could solve many problems. But how can companies become more independent with the new technologies? Severin Luzius, Head of Applications, Materials and Consulting at TRUMPF, talks about the potential and challenges.

— **Mr. Luzius, to what extent can Additive Manufacturing (AM) lead companies to greater independence from global supply chains?**

The potential of AM to become independent of global supply chains is huge. We can use the processes to rethink and sustainably improve supply chains. For example, instead of manufacturing a complex component from several individual pieces, AM often allows us to print it "in one single piece." Users also do not need to procure new molds when making design changes. This further simplifies the supply chain. TRUMPF customers also have the option of buying their powder locally from our numerous international partners, thus shortening their supply chain.

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Severin Luzius, Head of Applications, Materials and Consulting at TRUMPF

— **What are the current challenges when it comes to industrializing Additive Manufacturing?**

Additive Manufacturing equipment has made tremendous strides in reliability and performance in recent years. As a result, component costs can be reduced, and new fields of application can be opened up. One of the biggest challenges in the



