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Is this the fastest 3D printer in the world?

Hardly any topic is currently being hyped in the manufacturing world as much as 3D printing. In Frankfurt, the Who-is-Who of the additive manufacturing industry meets every year at Formnext show. This year, TRUMPF presents with its TruPrint 5000 probably the fastest 3D printing system in the world.

The trade show Formnext enters the third round: Launched in 2015, the trade fair has become the leading trade fair for additive manufacturing in just three years. All large and small manufacturers are on site to present their latest achievements.

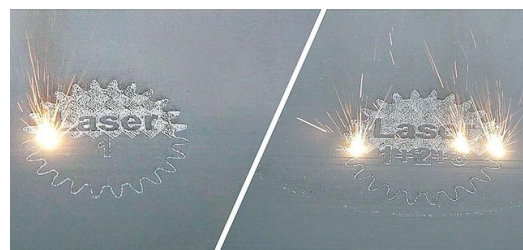
TRUMPF has exhibited its complete product and technology portfolio for additive manufacturing over more than 400 square meters. On board: The TruPrint 5000 - one, if not the fastest, 3D printing system in the world.

The TruPrint 5000 has not just one but three 500-watt fiber lasers that dance around in the process chamber on the powder bed and generate one or more components. In the professional world, this is called a multi-laser principle.

Not only the number but also the choreography of the three lasers are decisive for the high productivity of the system: they can illuminate every corner of the construction chamber independently of each other and independently of one another, thus producing components much faster and more efficiently. This is not the case with other multilaser concepts.



Thanks to its flexible automation interface (currently still a future idea), the TRUMPF TruPrint 5000 is compatible with a variety of industrial and production scenarios and can be quickly and easily connected to, for example, an automated robot solution, a rail system or an autonomous vehicle, depending on the factory concept.



The system operates on the multi-laser principle and is equipped with three scanner-guided and 500-watt TRUMPF fiber lasers.



A small downer: The TruPrint 5000 is expected to be launched at the end of 2018.

—— TRUMPF sees sales increase of half a billion euros

