Press Release

TRUMPF and Siemens are driving the industrialization of additive manufacturing

TRUMPF and Siemens to offer a software solution for optimized and streamlined additive manufacturing of metal parts with TRUMPF printing machines – from part design to 3D printing

Ditzingen, November 15, 2016 – Laser system manufacturer TRUMPF and engineering technology leader Siemens announced a new partnership to help industrialize laser metal fusion technology and make the additive manufacturing process for metal parts an integral part of the production process. The two companies – who announced their partnership at the formnext trade fair in Frankfurt – are pooling their strengths and working together to develop a software solution for the design and preparation of 3D printed metal parts. The aim is to integrate and streamline the entire powder-bed-based laser metal fusion (LMF) process for TRUMPF printing machines into Siemens NX™ software. The comprehensive offering will address part design and engineering for additive manufacturing as well as 3D print preparation with integrated TRUMPF build processor technology.

“Our combined solution will offer customers a high degree of process reliability thanks to its use of smart product models through all phases of the process,” said Tony Hemmelgarn, president and CEO, Siemens PLM Software. “There will be no need for data conversion because the tools for design, simulation, 3D printing and NC programming of metal parts are integrated into one system.”

“These are decisive factors in making additive manufacturing a realistic proposition for industrial applications,” adds Peter Leibinger, Head of the TRUMPF Laser Technology/Electronics Division. “Our partnership will result in an optimum interaction between machine and software so customers can move forward with designs optimized for additive manufacturing.”

Streamlined workflow from design to finished 3D printed part

The solution will integrate the recently announced NX software technology for additive manufacturing with the TRUMPF build processor and be sold with

TRUMPF TruPrint Laser Metal Fusion printers. The new software offers a standardized user interface across the end-to-end additive manufacturing process. It addresses the entire digital process chain in a single, integrated associative software environment, eliminating the need to use separate standalone applications for part design and data preparation. This new software package, TruTops Print with NX, brings all the necessary functions together into one new solution for the additive manufacturing of laser metal fusion parts with TRUMPF printing machines.

About TRUMPF

The high-technology company TRUMPF offers production solutions in the machine tool, laser and electronics sectors. We are 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.
In 2015/16 the company – which has more than 11,000 employees – achieved sales of 2.81 billion euros. 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

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