



U.S. Exhibitors Formnext 2021



Introduction of
the U.S. exhibitors & their Products

Please select which ones are of interest to
you & kindly let us know.
We will be glad to connect you directly.

3D Control Systems

Advanced Manufacturing Workflow Software: MES + PLM + ERP + QA + CRM, powered by AI

Website: <https://3dcontrolsystems.com/>

Addiguru

Addiguru provides in-situ monitoring technology for the Additive Manufacturing (AM) processes. Part anomalies formed during the build process are difficult and costly for post build detection and repair. Addiguru monitoring technology detects anomalies during the build process and provides notifications to the users within seconds of layer formation.

Website: www.addiguru.com

AMT

AMT - The Association for Manufacturing Technology represents and promotes U.S.-based manufacturing technology and its members.

Website: www.amtonline.org

ASTM International

ASTM International develops and delivers consensus standards which improve product quality, enhance health and safety, strengthen market access and trade, and build consumer confidence.

Website: www.astm.org

Authentise

Authentise delivers data-driven process automation software for additive and manufacturing industries. Its two products include the Production Accelerator, a workflow management engine using machine data for automation, and 3Diax, a platform of manufacturing related software modules. These tools help Ricoh, 3M, Danfoss and others at the forefront of R&D, prototyping and production to reduce effort and cost, improve traceability and transparency, and deliver quality.

Website: www.authentise.com

Azul 3D Inc

Initially invented and developed at Northwestern University, HARP (TM) technology can print 3D structures from a wide palette of materials. Azul 3DTM is enabling manufacturers to transition from prototype to mass-manufacturing on a single, streamlined production platform.

Website: www.azul3d.com

Big Metal Additive

Big Metal Additive (BMA) solves customer problems with the largest and most sophisticated metal hybrid additive manufacturing capability in the industry. This hybrid additive manufacturing technology incorporates a proprietary engineering workflow, large part size capability, and can accommodate complex designs. BMA provides customers with cutting-edge prototypes, replacement parts, and full-scale demonstration articles to address lead time, cost, availability, and design sophistication. Special countries of interest: Germany, France, the Netherlands, United Kingdom, Spain.

Website: www.bigmetaladditive.com

Carbon

Carbon develops the so-called CLIP (continuous liquid interface production) which enables 3D printing by a photochemical process in order to rapidly produce objects from a pool of resin.

Website: www.carbon3d.com

Carpenter Technology Corp.

Carpenter Technology Corporation is a recognized leader in high-performance specialty alloy-based materials and process solutions for critical applications in the aerospace, defense, transportation, energy, industrial, medical, and consumer electronics markets. Founded in 1889, Carpenter Technology has evolved to become a pioneer in premium specialty alloys, including titanium, nickel, and cobalt, as well as alloys specifically engineered for additive manufacturing (AM) processes and soft magnetics applications. Carpenter Technology has expanded its AM capabilities to provide a complete “end-to-end” solution to accelerate materials innovation and streamline parts production.

Website: www.carpentertechnology.com

Desktop Metal

Desktop Metal designs and produces 3D printing systems, materials, and develops software to support engineering and manufacturing teams from the prototyping stage through mass production.

Website: www.desktopmetal.com

digiFabster Inc.

DigiFabster is a software-as-a-service (SaaS) company that provides cloud-based tools that help advanced manufacturing companies automate quoting, order entry and customer support.

Website: www.digifabster.com

Elementum 3D

Elementum 3D (formerly Sinter Print) is an additive manufacturing research and development company that specializes in the creation of advanced metals, composites, and ceramics.

Website: www.elementum3d.com

Elnik Systems, LLC

A manufacturer and seller of 1st stage debinding (Solvent/Catalytic/Water), One-Step - 2nd stage debind and sinter furnaces, water cooling systems, and gas generation equipment.

Website: www.elnik.com

Essentium Inc.

Essentium manufactures and delivers innovative industrial 3D printers and materials that combine product strength with production speed, at scale, with a no-compromise engineering material set.

Website: www.essentium3d.com

Flow Science, Inc.

Flow Science products offer multi-physics simulation with diverse modeling capabilities including fluid-structure interaction, 6-DoF moving objects, and multiphase flows.

Website: www.flow3d.com

GE Additive

GE Additive is offering a full package for AM users to help minimizing the learning curve with GE's proven solutions to common challenges, every step of the way.

Website: <https://www.ge.com/additive/>

H.C. Starck Inc.

Providers of key materials for high-tech industry such as metal powders and advanced ceramics, supplier of fabricated parts from technical metal powders and both recycling and metal processing services.

Website: www.hcstarck.com

Industry Supplies

Macro is an additive manufacturing solution conceived to streamline the process from development to production. Highly innovative 3D printers.

Website: www.smart3d.tech

Infinite Material Solutions

Infinite Material Solutions, LLC is an agile development company focusing on unique capabilities to provide disruptive materials to the additive manufacturing industry.

Website: www.weareinfinite.tech

Ingersoll Machine Tools

Ingersoll produces large scale machine tools for use in metal cutting, 3D Printing, and automated fiber placement. MasterPrint® 3X is Ingersoll Machine Tools' new family of Additive Manufacturing equipment that provides your company with the ability to seamlessly program, simulate, 3D print and mill extra-large composite parts in a single piece.

Website: <https://en.machinetools.camozzi.com/products/additive-manufacturing/all-products/masterprint-.kl>

Inkbit

Inkbit Vista is an additive manufacturing platform designed for mass production of end-use polymer parts. Vista's novel Vision-Controlled Jetting (VCJ) technology allows users to print parts with fine resolution features at high volume, using materials with robust mechanical properties that remain durable through extended service lives.

Website: <https://inkbit3d.com/>

Lubrizol 3D Printing Solutions

Lubrizol provides 3D printing material solutions and develops formulations for a range of industries. Lubrizol offers polymer material development expertise coupled with extensive services including; design for additive manufacturing (DfAM), prototyping, on-demand production and post-processing.

Website: <https://www.lubrizol.com/3D-Printing>

LuxCreo Inc.

LuxCreo is providing fully integrated solutions – cloud connected 3D printers, AI-enabled printing software, and advanced materials.

Website: <https://luxcreo.com/>

Markforged Inc.

Markforged designs and produces industrial 3D printers and print systems, develops software, and is an innovator of complementary technologies and print materials.

Website: www.markforged.com

Nexa3D, Inc.

Fast speed printers and respective materials. Nexa3D's printers take current additive manufacturing speeds from 'dialup internet' to 'broadband' printing and are capable of continuously printing at speeds of up to 8 liters per hour.

Website: <https://nexa3d.com/>

nScrypt

Orlando, Florida-based nScrypt designs and manufactures award-winning, next-generation, high-precision microdispensing, 3D Manufacturing, and biomanufacturing equipment and solutions for industrial applications, with unmatched accuracy and flexibility. Serving the printed electronics, electronics packaging, solar cell metallization, communications, printed antenna, life science, chemical/pharmaceutical, defense, space, 3D printing, and bioprinting industries, our equipment and solutions are widely used by the military, academic and research institutes, government agencies and national labs, and private companies. The nScrypt BAT Series Bioprinter, which won the 2003 R&D 100 award, launched to the International Space Station in July 2019.

Website: www.nscrypt.com

nTopology Inc.

Ntopology is a software company that develops engineering design tools for advanced manufacturing.

Website: www.ntopology.com

OPTOMECH Inc.

OPTOMECH designs and produces technologies to 3D print electronics and metals which can be applied in fields related to smart connected consumer products.

Website: www.optomech.com

Post Process Technology Inc.

Post Process provides automated support removal and surface finishing for 3D printed parts.

Website: www.postprocess.com

Powder Alloy Corporation

Powder Alloy Corporation is a versatile manufacturer and global supplier of metal, ceramic, and carbide powders, and serves a variety of industries including: oil & gas, power & energy, bio-medical, aero, and industrial gas turbine, as well as emerging markets such as additive manufacturing.

Website: www.powderalloy.com

PPG Aerospace

PPG has developed special AM products, including the Award winning Ambient Reactive Extrusion process technologies which, so PPG, delivers 3D printing up to 100 times faster than traditional 3D printing. With Ambient Reactive Extrusion, a wide range of material properties can be included in one print, and the chemical bond that forms between print layers provides unprecedented part strength.

Website: <https://www.ppgaerospace.com>

Print Parts

Production Parts on Demand. From prototypes to end-use parts, we print high quality parts on-demand with competitive pricing.

Website: www.printparts.com

Sciaky, inc.

Sciaky, Inc. is a provider of Electron Beam Additive Manufacturing (EBAM®) solutions and advanced Electron Beam welding systems to the Aerospace, Energy, and Metal Fabrication Markets. EBAM is known as a high-deposition rate, large part Directed Energy Deposition Additive Manufacturing process.

Website: www.sciaky.com

Sigma Labs

Sigma Labs Inc. is a leading provider of in-process quality assurance (IPQA®) software to the additive manufacturing industry. Sigma Labs specializes in the development and commercialization of real-time monitoring solutions known as PrintRite3D® for 3D metal advanced manufacturing technologies. PrintRite3D detects and classifies defects and anomalies real-time during the manufacturing process, enabling significant cost-savings and production efficiencies. Sigma Labs believes its software product will be a major catalyst for the acceleration and adoption of 3D metal printing. For more information, please visit www.sigmalabsinc.com.

Website: www.sigmalabsinc.com

Spatial Corp.

3D Modeling Solutions and 3D Translations

Website: www.spatial.com

Taulman3D

taulman3D's specialty is nylon for 3d printing. In addition, it offers a wide range of other polymers. The polymers were developed specifically for 3d printing, instead of simply converting injection molding ones over for 3d. Moreover, taulman is working on a couple of new materials. Taulman is supplying various industries, including the military and has appropriate certificates in place.

Special countries of interest: Austria, France, Italy, Poland, United Kingdom.

Website: <https://taulman3d.com>

Thermwood Corporation

Thermwood's Large Scale Additive Manufacturing (LSAM) system can perform both the "additive" and "subtractive" functions on the same machine.

Website: www.thermwood.com

Titan Robotics

Titan Robotics, Ltd., is a production additive manufacturing solutions provider. Titan designs and fabricates large-format, industrial 3D printers, and provides solutions to its customers by developing processes and providing services using Titan's additive manufacturing technology. Specializing in direct pellet fed 3D printing, hybrid additive and subtractive systems and hybrid pellet + filament extrusion systems, Titan's Atlas 3D printers enable production applications and end-use parts.

Website: www.titan3drobotics.com

Velo3D

VELO3D designs and develops 3D printers and process software to give engineers the ability to print new innovative designs

Website: www.velo3d.com

Xact Metal

Xact Metal is a provider of metal 3D printers designed with access in mind. Using breakthrough technology that bridges the gap between performance and price, Xact Metal provides solutions to machine shops, educators and all companies interested in improving their work-flow. Special countries of interest: Germany, France, Italy, Poland, United Kingdom.

Website: www.xactmetal.com

If you would like to set up a meeting with the companies listed, we will be glad to connect you., either at the show or virtually. Please just mark the firms of interest [here](#) and send back to us. Thank you!

You will find the U.S. Commercial Service booth in Hall 11.0-C31A at Formnext 2021.

