

U.S. Exhibitors at Formnext 2024 Frankfurt, November 19-22, 2024



3D Chimera

Hall 11.0, B41

3D Chimera offers Dyeformer - innovative dye systems for 3D printed parts. In addition, company provides services such as: 3D printing, 3D scanning and 3D CAD services.

www.3dchimera.com/

3DPrint.com

Hall 12.0, P02

By covering breaking stories via investigative journalism, interviews, and on-the-ground reporting, 3DPrint.com provides access to knowledge from industry insiders as the news happen. Its sibling company, SmarTech Analysis, offers AM market research and data.

www.3dprint.com/

3D Systems Inc.

Hall 11.1, D11

3D Systems is a pioneer of the additive manufacturing (AM) industry. It offers a wide portfolio of hardware, software, and material solutions spanning from plastics to metals backed by industry-specific engineering expertise.

www.3dsystems.com/

6K Additive LLC

Hall 12.0, E122

6K Additive enables you to think beyond today with premium additive manufacturing powders made from sustainable resources. Our revolutionary manufacturing process allows us to produce powders that are truly spherical, void of porosity and satellites with better flowability than competing technologies.

www.6kinc.com

Addiguru, LLC

Hall 11.0 D62B

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.

www.addiguru.com/

Amaero Advanced Materials & Mfg.**U.S. Pavilion/Hall 11.0, B41**

US-Australian company manufacturing refractory metals and specialty alloy powders for critical applications. Its purpose-built facility has multiple next-gen atomization plants to enable a high powder yield and demand-driven, dual-stream production.

www.amaero.com.au/

American Isostatic Presses**U.S. Pavilion/ Hall 11.0, B41**

American Isostatic Presses (AIP) manufactures temperature and pressure products including HIP, CIP, WIP, SinterHIPs, Vacuum Furnaces, Computer Control Systems, Thermocouples, and Spare Parts.

www.aiphp.com

AMUG**U.S. Pavilion/ Hall 11.0, B41**

Additive Manufacturing Users Group (AMUG) educates and advances the uses and applications of additive manufacturing technologies.

www.amug.com/

Arencibia**U.S. Pavilion/ Hall 11.0, B41**

Arencibia offers gas recovery solutions for global manufacturers in industries like metals, aerospace, automotive, and semiconductors. It finances, owns and operates advanced gas recovery systems with the recovery and reuse of more than 90% of the industrial gases, like argon and helium, generating transformative financial and environmental benefits.

www.arencibia.com

Autodesk, Inc.**U.S. Pavilion/ Hall 11.0, B51**

Autodesk, Inc. is a multinational software corporation that makes software services for the architecture, engineering, construction, manufacturing, media, education, and entertainment industries. Autodesk Inc. seeks to showcase the company's latest technology and solutions to improve efficiency in the life-cycle of infrastructure projects (design, construction and operation) in sectors that include—but are not limited to—roads, railways, water & wastewater, urban planning, mobility, housing, water, health and education.

www.autodesk.com/

Axtra3D Inc.**Hall 11.1, C39**

Hybrid photosynthesis printers. Company's motto: Extreme Resolution; Unrivaled Surface Quality; Rapid Print Speed. Their Hybrid Photosynthesis technology offers SLA like results in a quarter of the time. Their printers also eliminate the need for post-print refinishing due to its ability to provide a superior surface.

www.axtra3d.com/

BlueSky Polymers**Hall 12.1, C28**

Startup BlueSky Polymers is developing new chemistries for high-performance polymer material for 3D printing that can be used in both injection molding and composite materials for major industries, including aerospace, automotive, and oil and gas.

<https://otc.unc.edu/startups/emerging-unc-startups/>

Boston Micro Fabrication (BMF)**Hall 11.1, C19**

BMF specializes in very precise micro 3D printers utilizing Projection Micro Stereolithography (PμSL) technology for materials such as polymers, ceramics etc for medical, electronics, micro fluidics and more.

www.bmf3d.com/

Botfactory Inc**Hall 11.1, A54**

BotFactory is a startup in NYC developing an electronic circuit printer. Squink, is a personal electronic circuit factory. Create circuit boards in minutes, from home, at the cost of a cup of coffee - it prints conductive ink AND assembles your circuit. Squink is another way to look at circuit prototyping. Unleash your creativity, test your ideas on the spot, improve them quickly, and use a range of materials to make your circuits, all while an intuitive software walks you through the different steps.

www.botfactory.co/

Carbon, Inc.**Hall 11.1, D22**

Carbon Inc. 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.

www.carbon3d.com/

Carpenter Technology Corporation**Hall 11.0, E51**

High-performance specialty alloy-based materials and process solutions for critical applications: Aerospace, defense, transportation, energy, industrial, medical, & consumer electronics markets.

www.carpentertechnology.com/

CENTORR VACUUM INDUSTRIES, LLC**Hall 12.0, C49**

The Sintervac® and Workhorse AM® line of vacuum furnaces are purpose-built for the debind and sintering of binder-jet 3D/AM parts. These vacuum furnaces are also built for the heat treating, annealing, and stress relieving of direct laser sintered 3D/AM materials.

www.vacuum-furnaces.com/

ChemCubed LLC**U.S. Pavilion/Hall 11.0, B51 and B41**

ChemCubed offers nano composite materials for additive manufacturing, including end-use applications for physical, mechanical, conductive and insulative properties of

UV curable and non-UV curable nano composite liquids suitable for stereolithography, syringe extrusion and piezo inkjet technology printers.

www.chemcubed.com

Colibrium Additive

Hall 11.0, D41

Colibrium is a GE Aerospace company. It is a world leader in metal additive design and manufacturing, a pioneering process that has the power and potential to transform businesses. Through its integrated offering of additive experts, advanced machines, services and quality powders, company seeks to empower its customers to build innovative new products.

www.colibriumadditive.com/

Continuum Powders

Hall 11.0, F19

Continuum is the leader in high-value metals recycling and sustainable conversion to spherical metal powder for a variety of end-user markets. The company's technology enables the rapid advancement of a sustainable circular metals economy through its proprietary Greyhound System. The company's mission is to reduce the energy consumption of metal powder recycling in advanced manufacturing by 80% by 2030.

www.continuumpowders.com/

DiamondBack Nozzles

Hall 12.1, G38

DiamondBack™ Nozzles have been developed to meet the need for more abrasion-resistant nozzles due to the increased use of embedded filaments (carbon fiber, glass, metals).

www.championx.com/products-and-solutions/drilling-technologies/diamondback-nozzles/

DSH Technologies

Hall 12.0, D08

DSH is an Elnik company, offering toll debind and sinter services.

<https://dshtech.com/>

Dyndrite Corporation

Hall 12.0, E119

Machine builders, materials & process developers, mechanical engineers, and technicians use Dyndrite's development software to create hyper-performance applications that unlock the full potential of their machines, materials, and parts, and enable automated production lines.

www.dyndrite.com/

Elementum 3D

Hall 11.1, D57

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

www.elementum3d.com/

Elnik Systems, LLC**Hall 12.0, D08**

Elnik Systems is 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.

www.elnik.com/

Flow Science, Inc.**Hall 12.0, A125**

It brings high-fidelity numerical modeling of laser-material interactions into a CFD software that scientists and engineers can easily adapt to their workflow in process parameter development, material characterization, and optimization studies. Flow Science's developments for AM technology focus on accurately modeling fluid flow, heat transfer, phase change, and Marangoni effects for laser powder bed fusion (LPBF), directed energy deposition (DED), and extrusion processes.

www.flow3d.com

Forge Nano, Inc.**Hall 11.0, C03**

Forge Nano's Atomic Armor applies ALD coatings with speed and precision to unlock your product's performance by creating an angstrom-thick, uniform, pinhole-free coating. This coating allows the use of new metals that oxidise easily.

www.forgenano.com/

Henkel Corporation**Hall 11.1, E29**

Loctite offers photopolymer Resins for 3D Printing. Their products provide unique high impact resistant 3D printing materials for durable, functional and production parts. Loctite resins have the mechanical properties to support aerospace, automotive & transportation, industrial & manufacturing, medical & consumer good applications.

www.loctiteam.com/

Impossible Objects**U.S. Pavilion/ Hall 11.0, B51**

Impossible Objects' proprietary composite-based additive manufacturing technology (CBAM) is an innovative process that combines long-fiber fabrics of carbon or fiberglass with high-performance polymer powders (like PEEK) to make long fiber composite parts. Impossible Objects also provides custom-parts.

www.impossible-objects.com/

Intact Solutions**Hall 12.0, C 18**

Intact.Simulation for mechanical design. It improves product quality & process via continuous analytical feedback across all geometry & material models, from concept sketching though detailed design, prototyping, production, & maintenance.

www.intact-solutions.com/rev/

Kennametal, Inc.**Hall 11.0, A38**

Advanced Metal tooling: Metalworking tools; tools for construction & mining; metal powders, materials & consumables; wear resistance coatings; ceramics solutions.

www.kennametal.com

Kymera International, LLC**Hall 11.0, F22**

Kymera is specialized in the manufacture of metal powders and pastes for powder metallurgy and related applications.

www.kymerainternational.com/

The Lincoln Electric Company**Hall 11.0, C68**

Lincoln Electric Additive Solutions 3D metal printing services gives your business a big advantage over castings, forgings and other traditional manufacturing processes with the fast delivery of new and replacement parts and tooling. With the largest 3D metal printing capacity in North America, we can expedite production for large industrial parts for your application and industry.

www.lincolnelectric.com/

Lubrizol Corp.**Hall 12.1, E30**

3D printing material solutions and 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.

www.lubrizol.com/3D-Printing

Markforged Inc.**Hall 12.0, C139**

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

www.markforged.com/

Meld Manufacturing Corp.**Hall 12.0, E133**

Meld offers full-scale metal 3D printing machines, contract manufacturing of components, and associated products and services. Our patented MELD technology has won numerous awards including a prestigious spot in the R&D 100 and a Market Disrupter award.

www.meldmanufacturing.com/

MeshInspector**Hall 12.1, G40**

MeshInspector offers data preparation software and control software, CAM-software as well as Measurement and analysis software.

www.meshinspector.com/

NEXA3D Inc.**Hall 11.1, E31**

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.

www.nexa3d.com/

Nikon**Hall 12.0, D119**

(Advanced Manufacturing, Nikon Metrology Europe, Nikon SLM solutions)

Nikon Advanced Manufacturing is responsible for scaling and managing the Nikon AM business. Nikon DED additive, laser surfacing and fabricating, and high-precision subtractive solutions are perfectly complemented by Nikon group companies' strong innovation pipeline and specialized global application centers. Nikon Advanced Manufacturing global headquarters are located in California.

www.slm-solutions.com/

nLIGHT, Inc.**Hall 12.0, E102**

A vertically integrated supplier of high-power semiconductor lasers and fiber lasers for industrial, microfabrication, aerospace and defense applications, incl. monitoring technology.

www.nlight.net/

Novineer, Inc**Hall 12.1, B21**

Novineer is a generative design software enabling product engineers to efficiently design and manufacture high-performance products.

www.novineer.com/product

nTop**Hall 12.1, A126**

nTop software is used to engineer mission-critical satellite and aerospace components, safer sports equipment, prosthetics changing the lives of patients across the globe, and other groundbreaking products redefining their industries.

www.ntop.com

PanOptimization**U.S. Pavilion/ Hall 11.0, B41**

Pan Optimization specializes in simulation and optimization for Additive Manufacturing. PanX enables high accuracy thermomechanical simulation and optimization for parts of any size or complexity.

www.panoptimization.com/

Penn United Technologies Inc.**Hall 11.0, D42**

Prototype tooling & precision metal manufacturing, incl. design for manufacturing and die simulation software. Penn United Technologies offers new product design & if desired, the development of an appropriate manufacturing strategy.

www.pennunitedadditive.com/

Phase3D**Hall 11.0, E58**

Phase 3d offers a monitoring tool called the Fringe. It records and monitors a 3D printer. When it detects an anomaly in the print it will notify you and stop the print. This leads to less waste and better part quality by detecting defects early.

www.additivemonitoring.com/

PTC, Inc**Hall 11.1, B38**

As a digital transformation technology leader, PTC's vision, logo, and portfolio of technologies are all aligned on the same concept: opportunities for industrial innovation live at the convergence of the physical and digital. This convergence impacts the products, processes, and people across industrial companies. PTC, and its partner ecosystem, support manufacturers to capitalize on the promise of today's new technology to drive digital transformation.

www.ptc.com/en

PostProcess**U.S. Pavilion/Hall 11.0, B51**

Postprocess offers software, hardware, and additive formulated chemistry for the third step of additive manufacturing – post-printing. Postprocess' solutions work across industries including aerospace, defense, automotive, consumer goods, dental, medical and more.

www.postprocess.com

SAE International/ Industry Tech Consortia **Hall 11.1, D78**

A global association of more than 128,000 engineers and related technical experts in the aerospace, automotive and commercial-vehicle industries. SAE International is the leader in connecting and educating mobility professionals to enable safe, clean, and accessible mobility solutions.

www.sae.org/

Sciaky, Inc.**U.S. Pavilion/ Hall 11.0, B41**

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

www.sciaky.com/

Tethon Corporation**Hall 11.1, F49**

Tethon specializes in Resin 3D Printers and custom materials for resin and ceramic printing. Tethon also makes highly specific materials for any purpose (e.g. synthetic mars soil simulant).

www.tethon3d.com/

Timeplast, Inc.**Hall 11.0, B41**

Timeplast was founded in 2014. It is a pioneering chemical company specializing in the development of time-programmable, water-soluble products. Their products dissolve completely in water.

www.timeplast.com/

UltraFine Specialty Products LLC**Hall 11.0, A78**

Ultra Fine produces the highest quality metal powders with their unique Inert Melt/Gas atomization processes. Ultra Fine offers a tremendous variety of gas atomized alloy powders covering nearly every application.

www.ultrafinepowder.com/

United Performance Metals, LLC**Hall 12.0, B65**

United Performance Metals is a specialty metals solutions center offering a full line of high-performance metals and alloys, FIRSTCUT+® Processing Services, quality approvals, and custom supply chain solutions.

www.upmet.com/

Valimet**U.S. Pavilion/ Hall 11.0, B41**

Valimet is a leading manufacturer of spherical atomized metal powders in the United States. Originally designed for use in solid propellants, thermal spray and other coating applications, these powders are now also used in additive manufacturing, cold spray, HVOF, brazing, decoy flares, electronic and thermal management materials.

www.valimet.com/

Wohlers Associates/ ASTM International**Hall 11.0, A21**

Wohlers offers Additive Manufacturing consulting and advisory services. They provide advice on Additive Manufacturing trends and growth. They offer guidance on partnership opportunities, product positioning, investment, and competitive issues.

www.wohlersassociates.com

Xact Metal, Inc.**Hall 12.0, E133**

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.

www.xactmetal.com/

You will find the U.S. Commercial Service at Formnext in the U.S. Pavilion/ Hall 11.0, B41.

About Us: The U.S. Department of Commerce's U.S. Commercial Service assists U.S. businesses in international markets. Utilizing a network of trade promotion and policy professionals located in more than 100 U.S. cities and over 75 international markets, it promotes U.S. exports, especially among small and medium-sized enterprises; advances and protects U.S. commercial interests overseas; and attracts inward investment into the United States via the SelectUSA program.

For further information:

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SelectUSA Investment Summit
Gaylord National Resort and Convention Center, National Harbor, MD
May 11-14, 2025

The SelectUSA Investment Summit is the top event for international companies interested in the United States as a business location. The Summit is the opportunity to meet with the major players. You can learn from successful investors, meet with economic development organizations (EDOs) and consult with industry experts.

For further information: <https://www.trade.gov/selectusa-investment-summit>