

AM Advanced Room

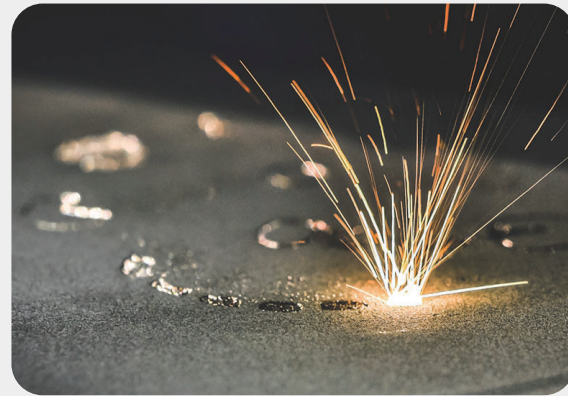
The AM Advanced Room located at TNSC's AM Innovation Center in Yamanashi is the R&D hub for AM technology development.



The AM Advanced Room has Velo3D Sapphire®, Optomec LENS®, and Gefertec arc printers for demonstration of the full vision of the AM Smart Factory concept.



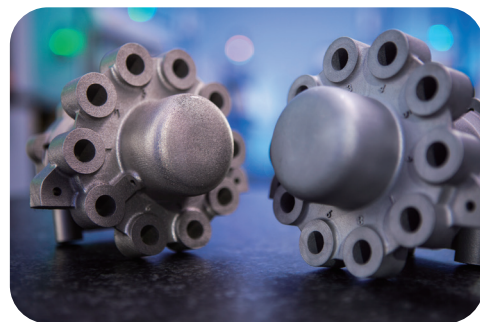
The AM Advanced Room has 3DPro® products for the ultimate metal 3D printing experience.



Exploring our AM solutions

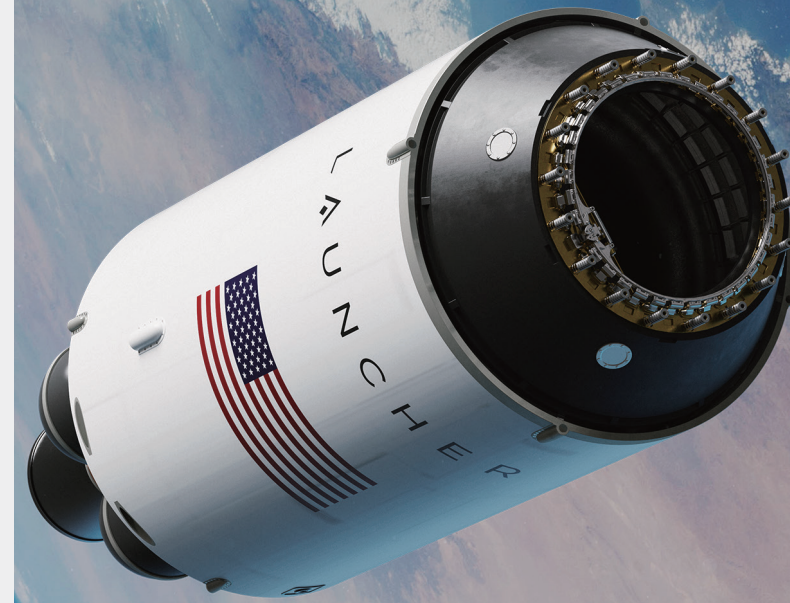


TNSC, together with Sintavia, provides comprehensive solutions for the most challenging markets.



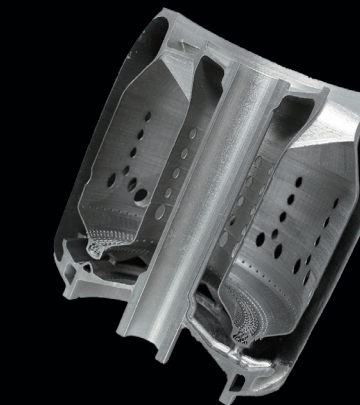
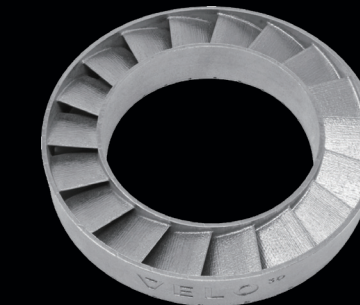
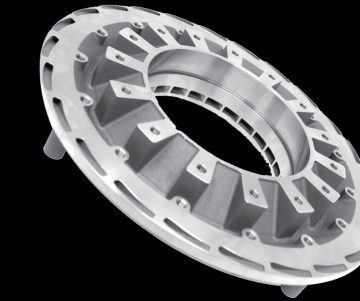
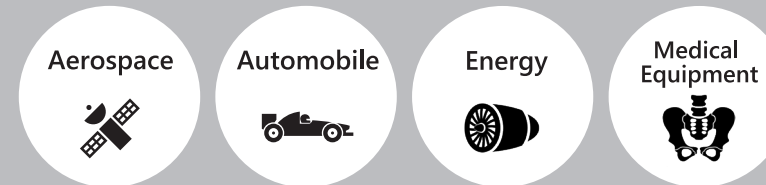
*Sintavia is able to design and serially produce the most complex and sophisticated parts and unlock a level of performance impossible to achieve with conventional manufacturing methods.

Make the impossible possible with zero-degree technology



AM Applications

The unprecedented unique-shaped parts cannot be realized with traditional process such as welding and casting. VELO3D's Sapphire® is the only and best choice for both highly complex design and lightweight.



Striving for sustainability



Participation of the first Japanese company as a founding member

TNSC is a founding member of the Additive Manufacturer Green Trade Association (AMGTA). AMGTA is a global organization with the purpose of promoting environmental sustainability with AM technology application. TNSC cooperates with AMGTA companies, research institutions, and industrial organizations to promote education, enlightenment, and research.

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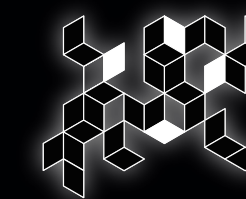
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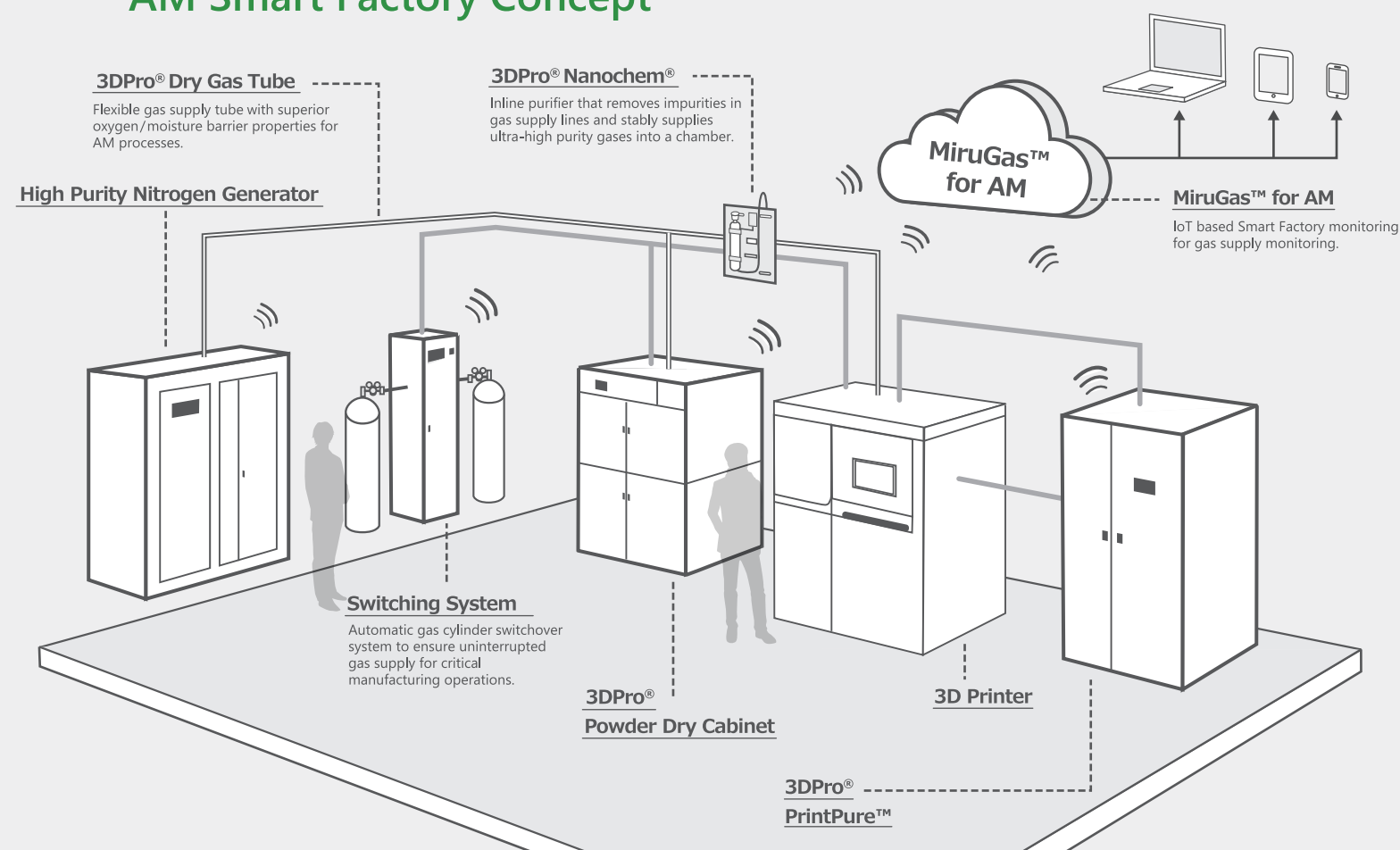
YouTube



AM Advanced Room

The Future of 3D Metal Printing Can Be Enhanced With Gas Technology Synergy

AM Smart Factory Concept



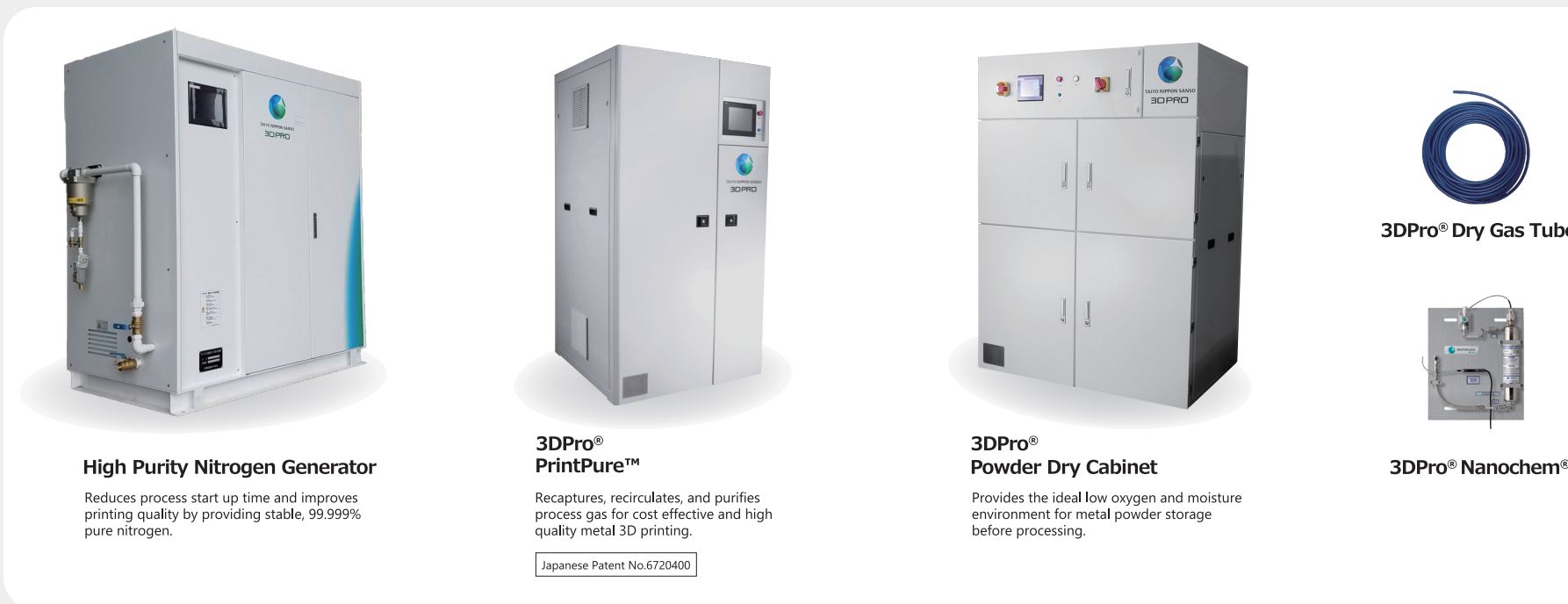
3DPro

As the Gas Professionals, TNSC provides solutions for metal 3D printing applications. TNSC 3DPro® products optimize inert gas delivery processes for the ultimate metal 3D printing experience.

Gas. Indispensable

The optimal gas supply system for AM

TNSC 3DPro® solutions improve the metal 3D printing customer experience by improving productivity and printed part quality.



The frontiers of 3D printer

Without Compromise

VELO^{3D}'s Sapphire®, Flow™, and Assure™ unlock new opportunities for aerospace and power generation manufacturers.

VELO^{3D}



DED system 3D Printer

Optomec's unique technology allows utilization of a wide range of metal powders for applications that include manufacture of large objects, component repair, coatings, and graded material parts.



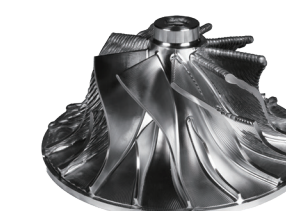
OPTOMECC

Production Grade 3D Printers... with a Material Difference



WAAM system 3D Printer

Gefertec's technology utilizes metal wires as the starting material allowing for a greater diversity of materials, nearly 100% material utilization, and optimum processability.



GEFERTEC



TNSC's AM Advanced Room in Yamanashi, Japan showcases VELO3D Sapphire®, Optomec LENS® and Gefertec arc on various metal 3D Printers.