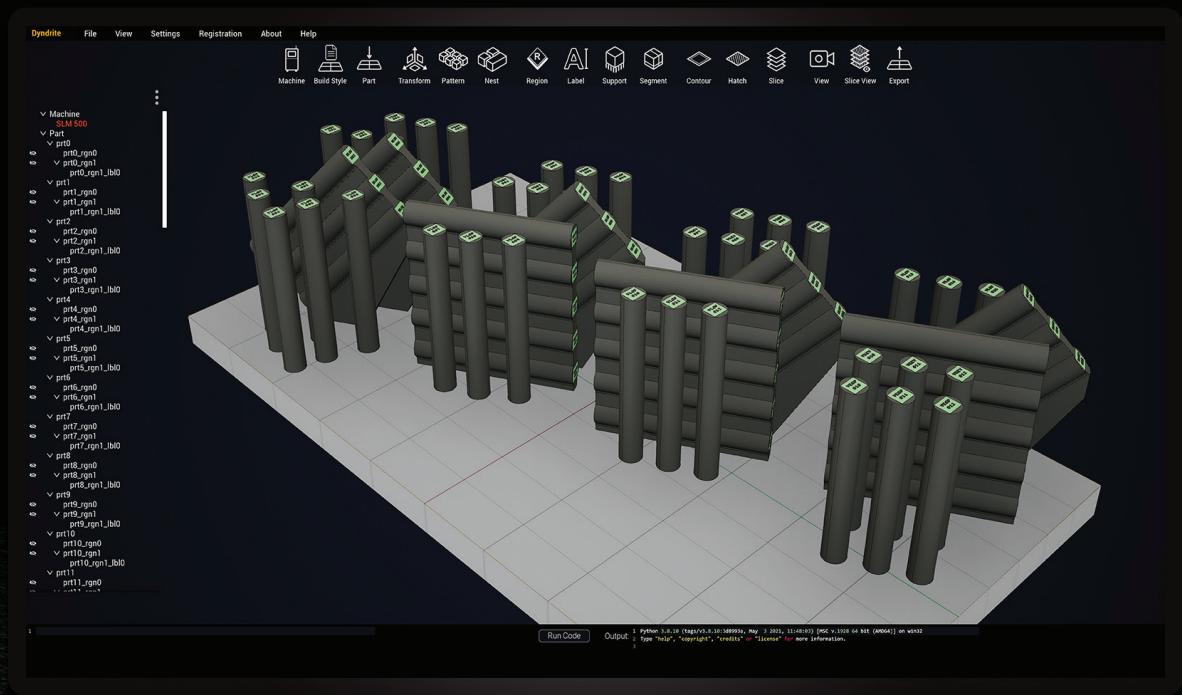


SOFTWARE BUILT FOR AM ENGINEERS OBSESSED WITH PERFECTION.

Dyndrite
LPBF Pro

A versatile industrial AM toolkit that gives you unprecedented power, freedom, and control over your AM process.

Eliminate the tedious, laborious, and error-prone nature of manual build prep. Streamline your materials and process development. Accelerate repeatable qualification processes. Enable lights-out production lines. Dyndrite LPBF Pro is a flexible, high-performing, and scriptable toolkit designed for production-oriented professionals. Handle jobs that bring others to their knees. Import massive CAD or mesh datasets, nest thousands of parts, or slice files to the resolution of today's largest machines. Powered by Dyndrite's revolutionary GPU-powered Accelerated Computation Engine (ACE), Dyndrite LPBF Pro users benefit from a modern, high-performing application that enables iteration.

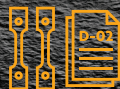


Dyndrite LPBF Pro is an all-in-one toolkit that enables automated and repeatable CAD-to-Print workflows that open new opportunities in additive manufacturing.



Additive Engineer

Go beyond build preparation with essential tools and the performance for rapid iteration.



Materials Engineer

Control the laser for quicker, better parts and creative precision through fine grain settings.



Quality Engineer

Ensure repeatable quality, automating analysis, reports, and traceability, while reducing tedious tasks.



Production Engineer

Streamline operations through automation, from core processes to the machine toolpaths, and turn off the lights.

You control the laser. Drive your LPBF machines and materials the way your application requires.

In AM, as with other manufacturing processes, it's about knowing where to do what, and when. Dyndrite LPBF Pro enables a new level of parameter development and toolpath control - opening the door to expanded material parameter sets, printing of difficult features, and accelerating build rates.



Expand Available Materials

Develop new material parameter sets, alloys, and multi-materials



Print Intricate Geometry

Manufacture small features, thin walls, domes, and cantilevers



Speed Build Rate

Easily work with large multiple-layer heights and print rates



Improve 3D Part Quality

Ensure material homogeneity, control surface roughness



Maximize Flexibility

Meet angle-based print, support or no-support requirements



Keep Your IP

Develop innovative toolpath strategies, then patent or keep them secret

Get your Saturdays back. Experience true productivity.

Dyndrite LPBF Pro is a productivity machine. It provides a flexible, high-performing, and scriptable set of tools designed to eliminate the tedious, laborious, and error-prone nature of manual build prep, materials and process development.

The precision you want, over the controls you need.

Whether adding supports, labeling, nesting, or slicing parts, engineers require precise and flexible ways to control all aspects of their work. From advanced labeling to generating reports and travelers, Dyndrite LPBF provides APIs for controlling all aspects of the build.

Prepare and send print files directly to your machine, in their native format.

Dyndrite collaborates directly with 3D metal printing machine OEMs to ensure a tight and seamless integration with their applications and devices. We provide native support for a wide variety of machines, including: Aconity3D, EOS, Renishaw, SLM, and more! Visit dyndrite.com to learn more machine compatibility.

Apply your ingenuity. Make it your own.

Dyndrite LPBF Pro puts advanced tools in the hands of materials scientists and process engineers. Create new alloys, parts, and processes. Generate unique toolpaths tailored to the material, the specific part, or the location within the part being printed. Dyndrite opens the door to new printing strategies for your unique needs - even across multi-optic systems.

LIKE OUR CUSTOMERS, WE'RE DRIVEN BY MANUFACTURING EXCELLENCE.

At Dyndrite, we understand what it takes to build an additive manufacturing organization and scale it for production. Our mission is to unlock the software bottleneck in the production of components for industries such as rocketry, aerospace, automotive, healthcare, and oil and gas. It is with this perspective that we have introduced Dyndrite LPBF Pro, a versatile toolkit for metal 3D printing that empowers Laser Powder Bed (LPBF) professionals with unprecedented power, freedom, and control over their metal 3D printing process.



Automation at the Core

Every aspect of Dyndrite LPBF, down to the toolpath generation, can be scripted and shared as a build recipe, with all the steps to recreate your build.



There's an API for That

What good is functionality if you can't access it? Dyndrite LPBF Pro provides an extensive list of APIs to control all aspects of the toolkit.



Everything Out of the Box

Dyndrite LPBF Pro is a complete solution. You will never have to pay for special modules for 3D nesting, file formats, supports, slicing and more!



Make the Move to Native CAD

Harness native CAD as the source file for your digital manufacturing, eliminate mesh repairs, print higher quality and enable automation.



We Believe in Openness

We support the free exchange of information. Users need accessible and standardized ways to accomplish common things.



Universal Compatibility without Build Processor Fees

We provide both machine formats Aconity, Renishaw, EOS, SLM, as well as CLI/CLI+, mesh based formats (STL/3MF), and OVF/ILT.

"For over 6 years, AMS has worked within aerospace, space and motorsport to push the boundaries of what's possible in LPBF" said Rob Higham, CEO of AMS Ltd. "Within two days of using Dyndrite we were able to print a thin-walled heat exchanger that, for over 18 months, others attempted and failed to print - such an achievement speaks for itself."



ROB HIGHAM

CEO | Additive Manufacturing Solutions (AMS)

"Scaling digital additive manufacturing to an industrial level is the next step for strategic aerospace and defense infrastructure. Dyndrite is the platform we are using to build that reality. We are empowering our engineers from rapid material development to creating qualified aerospace workflows for our growing AM facility."



JONATHAN COHEN

CEO & Co-Founder | Mimo Technik



Scan with your phone to learn more about laser powder bed fusion, or visit dyndrite.com/laser-powder-bed-fusion-app