



Hyper3D Revolutionizes 3D Printing with Groundbreaking AI Image-to-STL Converter

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The new feature on Hyper3D.AI empowers creators of all levels to instantly transform 2D images into high-quality, 3D-printable files, eliminating traditional design barriers.

Deemos Tech, a leader in generative AI for 3D content, recently announced the launch of a transformative Image-to-STL conversion tool within its flagship product, Hyper3D Rodin. This powerful new feature leverages sophisticated artificial intelligence to make 3D printing profoundly more accessible. It empowers designers, entrepreneurs, hobbyists, and educators to convert any two-dimensional image into a detailed, ready-to-print 3D model in mere seconds, directly from their web browser at Hyper3D.ai.

Historically, the journey from a 2D concept to a physical 3D object has been a significant hurdle, often requiring extensive training in complex and costly software like Blender or Fusion 360. This barrier has limited the creative potential for many. Hyper3D Rodin's new tool directly addresses this challenge by automating the entire modeling process. It effectively democratizes 3D printing, allowing users without any prior 3D design experience to bring their ideas to life with unprecedented speed and ease. The technology supports a wide array of common image formats, including PNG, JPG, BMP, SVG, and TIFF, ensuring broad

compatibility for all projects.

"At Deemos, our mission is to make industry-standard 3D asset creation accessible to everyone," stated Qixuan Zhang, CTO of Deemos. "Rodin's breakthrough capabilities and swift adoption by market leaders confirm the value and effectiveness of our approach to generative AI."

The user experience is designed for ultimate simplicity and efficiency. The process begins when a user uploads their chosen image to the Hyper3D.ai platform. The Rodin AI engine immediately analyzes the image, using advanced depth mapping techniques to interpret pixel intensity and generate a corresponding heightmap. From there, it constructs a clean, watertight 3D mesh, meticulously optimized for 3D printing. The final step is the instant download of a high-quality STL file, which is the universal standard for 3D printers and compatible with popular slicing software such as Cura and PrusaSlicer. This entire workflow is completed in under sixty seconds without any software installation.

The practical applications of this technology are vast and varied, catering to a wide spectrum of users. For professional designers and engineers, it serves as an invaluable rapid prototyping tool, allowing them to convert logos, sketches, or product designs into tangible models for review and iteration. For entrepreneurs and small businesses, it offers a way to create custom promotional items or product components quickly. Meanwhile, hobbyists and creators can unlock new levels of personalization, transforming family portraits into stunning lithophanes, designing custom keychains, or creating embossed plaques and nameplates for unique gifts. In the educational sector, it provides a hands-on way for students to engage with concepts by turning diagrams and drawings into physical models.

What sets Hyper3D Rodin apart is the quality of its output. The technology employs advanced machine learning algorithms to produce smooth meshes and clean topologies, significantly reducing the errors and artifacts that can lead to failed prints. This ensures a reliable and high-fidelity translation from the digital image to the physical object. The tool also supports specialized applications like extruded features with enhanced control, all managed through an intuitive web interface.

To encourage widespread adoption, Deemos Tech is offering comprehensive access to its platform. All new users can explore the full capabilities of Hyper3D Rodin, including the new Image-to-STL tool, with a 7-day free trial. For continued access, flexible subscription plans are available. These include the Creator plan at \$30 per month for individuals, the Business plan at \$120 per month for commercial operations, and a specially priced Education plan at \$12 per month for students and educators. For larger organizations with specific needs, custom Enterprise plans are also available.

Furthermore, for developers and businesses looking to innovate, the Hyper3D API allows for the seamless integration of Rodin's powerful 3D generation engine into their own applications, websites, and services. This

enables companies to build sophisticated 3D modeling features into their platforms without the massive investment required to develop the technology from scratch.

About Deemos Tech

Deemos Tech is the company behind Hyper3D Rodin, featuring a native 3D generative model with over 4 billion parameters. The platform swiftly produces high-quality, production-ready 3D assets tailored for gaming, e-commerce, embodied intelligence, spatial computing, 3D printing, and entertainment. For more information, please visit <https://hyper3d.ai>.

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