

Seamless Efficiency: 3D Printing Redefines Batch Production

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T Works, an initiative of government of Telangana, is India's largest prototyping centre in Hyderabad built with an aim to create and celebrate a culture of hobbyists, makers, and innovators in India, who explore and experiment without the fear of failure. They have setup a state-of-the-art equipment, design tools to bring idea into reality. Besides Inhouse 3D Printing, T-works has also been using 3D Printing services for fulfilling their batch production requirement of new product design in DLP 3D printing technology.

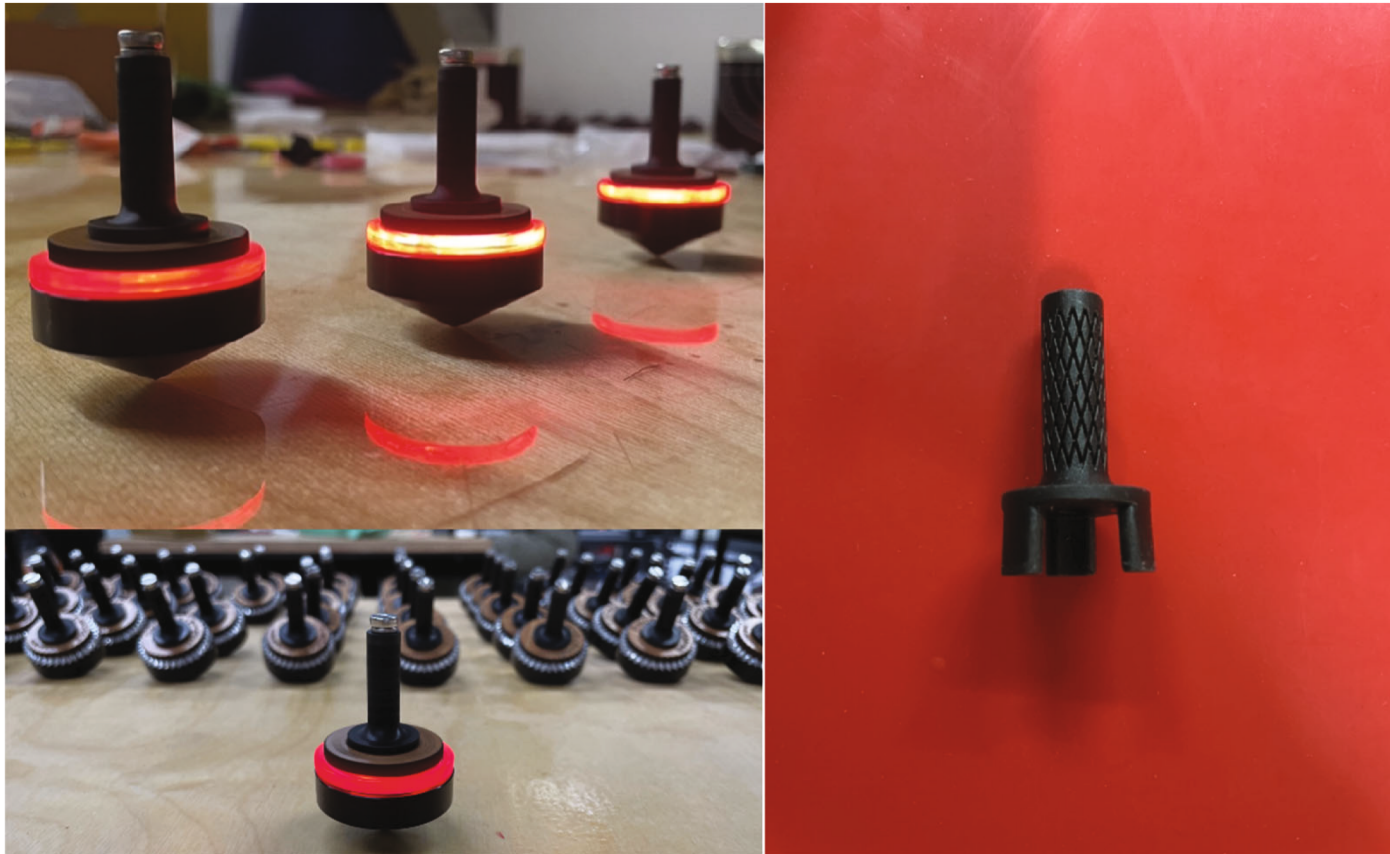
Embrace the power of DLP 3D Printing machine in batch production! The given model, a uniquely designed handle for a spinning toy, showcased the exceptional dimensional accuracy and surface quality achievable through 3D printing technology. T-Works recognized this as an ideal opportunity to demonstrate the viability of 3D printed models as end use parts utilizing Altem's facility of 3D Printing services in Bangalore.

Thanks to the prowess of Stratasys Origin P3, DLP technology based 3D Printing machine, which excelled in both quality and quantity. The Product execution team from T-Works expressed immense satisfaction with the results of the 3D printed parts. Altem Technologies played a pivotal role in this success. Their expertise in



additive manufacturing, combined with their understanding of design requirements and material selection, went beyond T-Works' expectations, establishing a promising long-term collaboration.

In a remarkably efficient timeframe of less than a week, Altem successfully completed a batch production of 600 spinning toys. This achievement showcases the unparalleled benefits of utilizing 3D Printing technology for 3D use parts in batch production, making it an inspiring use case for the industry.



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About Altem Technologies Pvt. Ltd

Altem Technologies is a well-established 3D digital experience company that has been actively contributing to the industry for nearly 15 years. Initially rooted in PLM software and 3D Printing, Altem has successfully transformed into a prominent provider of comprehensive 3D digital solutions. Altem's 3D Innovation platform offers an extensive array of products catering to various applications, including design, reverse engineering, asset digitization, prototype manufacturing, life science, healthcare, culture and heritage, and consultancy services, among others.

With a diverse clientele spanning automotive, aerospace, manufacturing, healthcare, research academia, and more, Altem adeptly addresses the unique requirements of each industry through a combination of expertise and innovation. Our team comprises skilled professionals, including Scientists, Application Engineers, Designers, domain experts, and software specialists, all working collectively to deliver exceptional solutions to our valued customers.

Altem Technologies Pvt Ltd, besides being a major provider of 3D Scanning services in India, is also a leading provider of 3D Printing Services in India with 3D Printing technologies like FDM, Polyjet, DLP, Metal, etc. Altem offers a complete solution around 3D Digitization and Innovation, and has emerged as a one-stop-shop for all 3D Printing, 3D Scanning, CAE, PLM, and Life Sciences needs, offering a wide spectrum of products for engineering and life sciences companies in India

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