

Cosmic Grips: 3D Printing Led to Small Batch Production and 60 Types of Climbing Products

Raise3D Case Study

<https://www.raise3d.com/case/cosmic-grips-small-batch-production-for-over-60-product-mix>



Cosmic Grips is a small startup, only small batches of climbing holds are ordered, and traditional manufacturing methods are not cost-efficient by the scale of production. Furthermore, due to the design requirements such as draft angle and tool setting accuracy, the traditional process is difficult to process the desired shape. Besides, handmade is impossible to achieve consistent quality for small batches.

Cosmic Grips



Industry: Climbing

Production Activity: Provide climbing holds for clients

Machine Type: E2 x2

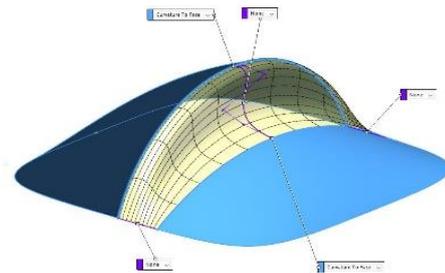
Usage: Prototyping and molds

User: Climbing gyms, eg. Vertical Solution

Printed Design: 60+

Solution

For the production of climbing holds, half of the process of manufacturing is through 3D printing and the final outcome is through casting. The advantage of the Raise3D E2 machine is that it has high printing accuracy and consistent printing precision. It can accurately print high-quality models and easily manufacture complex structures that cannot be achieved by traditional processes. Designers can design parts more freely, and achieve high-quality production from aesthetics to mechanical optimization.



- 3D printing production method allows Cosmic to be elegantly quick, precise, and independent.
- Raise3D E2 printers can print ABS very well, as it has a closed chamber, heating bed, and validated printing template.
- Raise3D E2 machines run 24/7 and completed the small batch production of more than 60 product series within two years.
- Raise3D E2 printers are well-priced, they bought more of them and increased capacity.
- Minimal maintenance, without worrying about power loss or filament running out, and most important consistent, high-quality results.

Connect with Raise3D

Do you have a great 3D printing success story and think it would be cool to be featured on www.raise3d.com, we would love to learn more! Write to us at inquiry@raise3d.com

For more information about Raise3D printers and services, browse [our website](#), or [schedule a demo](#) with one of our 3D printing experts.