Sneaker Giant Deeply Steps into 3D Printing Manufacturing

Raise3D Case Study
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PEAK is a leading sportswear brand, established in China in 1989. In 2015, PEAK's revenue surpassed 3 billion RMB. Two years later, PEAK became one of the pioneers in making shoes using 3D printing. In December 2021, PEAK released the first version of its 3D printed sneaker series, Future Fusion 3.0xSeapool, with a limited run of 199 pairs.

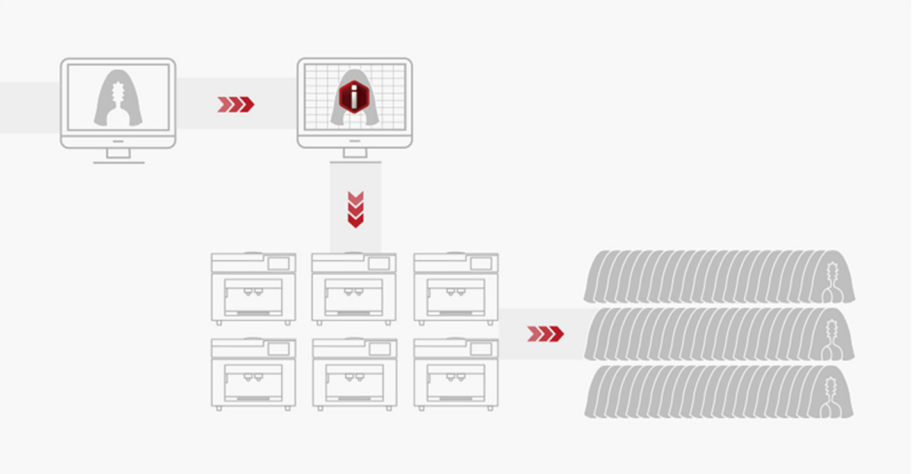
Rebirth rather than Refurbished

PEAK rebuilt its manufacturing process from the bottom up around the process of 3D printing. For example, Future Fusion 3.0xSeapool has a shoe upper fabricated using Raise3D FFF (Fused Filament Fabrication) technology.

Comparison between flyknit and 3D printing processes

Based on this method of fabrication, PEAK rethought its sneaker production process, resulting in a procedure based on 3D printing that is shorter and more flexible than the original manufacturing process.

Quick Launch with Flexible Shoe Upper Manufacturing



The batch production of 199 pairs of Future Fusion3.0xSeapool had a rapid initiation and lead time. Once the CAD design is confirmed, the 3D printing manufacturing phase can start immediately and seamlessly.

FFF Printing Process of Upper

PEAK's Evolution of 3D Printed Sneaker

Starting with the Future series, PEAK expanded the 3D printing family with the Future Fusion series, Future E and Future Alpha. Among these, the Future Fusion series continues to evolve, reaching Future Fusion 3.0 today.

Evolution of PEAK 3D Printing

The Future Fusion series is evolving at a product and manufacturing level by making the most of 3D printing. When comparing the 3.0 version with the 2.0 version, the former not only has design breakthroughs such as detachable shoe upper accessories but also improvements in the manufacturing cost-efficiency.

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