

Digital Manufacturing



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In 3D printing, we plan to replace more than 150 million tons of single-use plastic products produced each year with 3D-printed fiber-based packaging that is 100% biodegradable in any waste stream.

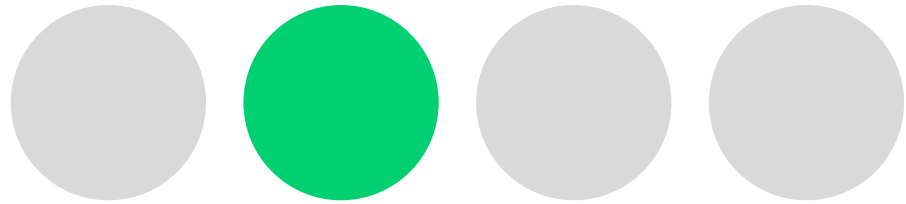
We're capitalizing on a multibillion-dollar opportunity with high-performance athletic footwear as well. Combining unique 3D-printed lattices with proprietary HP digital designs and workflows, we can deliver 30% higher energy return than other 3D-printed midsoles, and at a much lighter weight.



Customization/Personalization



Customization/Personalization



1 in 4

consumers are willing to pay more to receive a personalized product or service

Source: Deloitte



\$1.35T

projected global custom manufacturing market size by 2031

Source: Allied Market Research

Bespoke Ear Tips

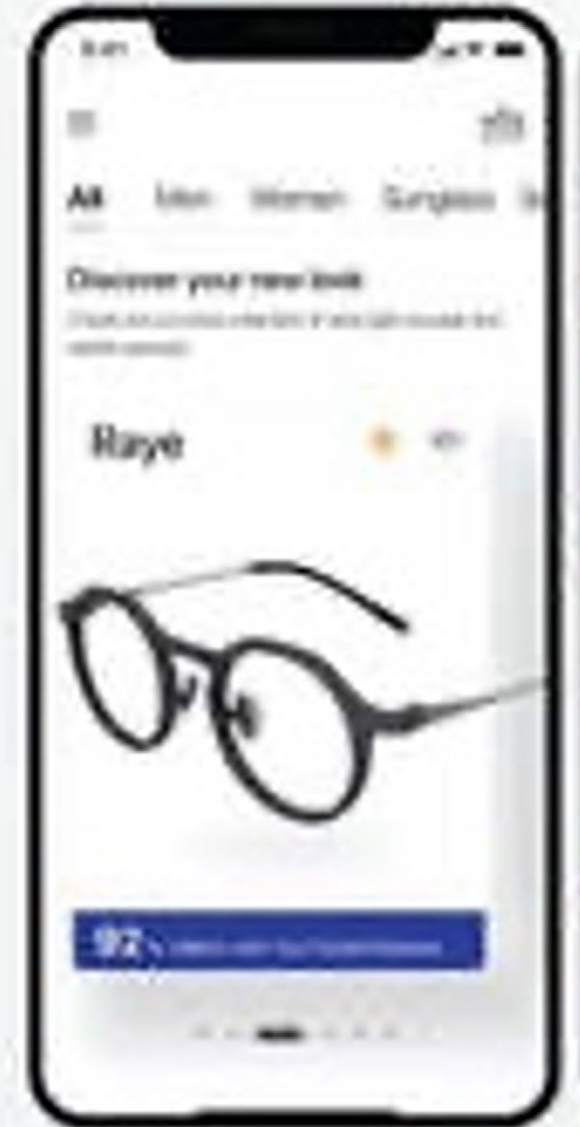
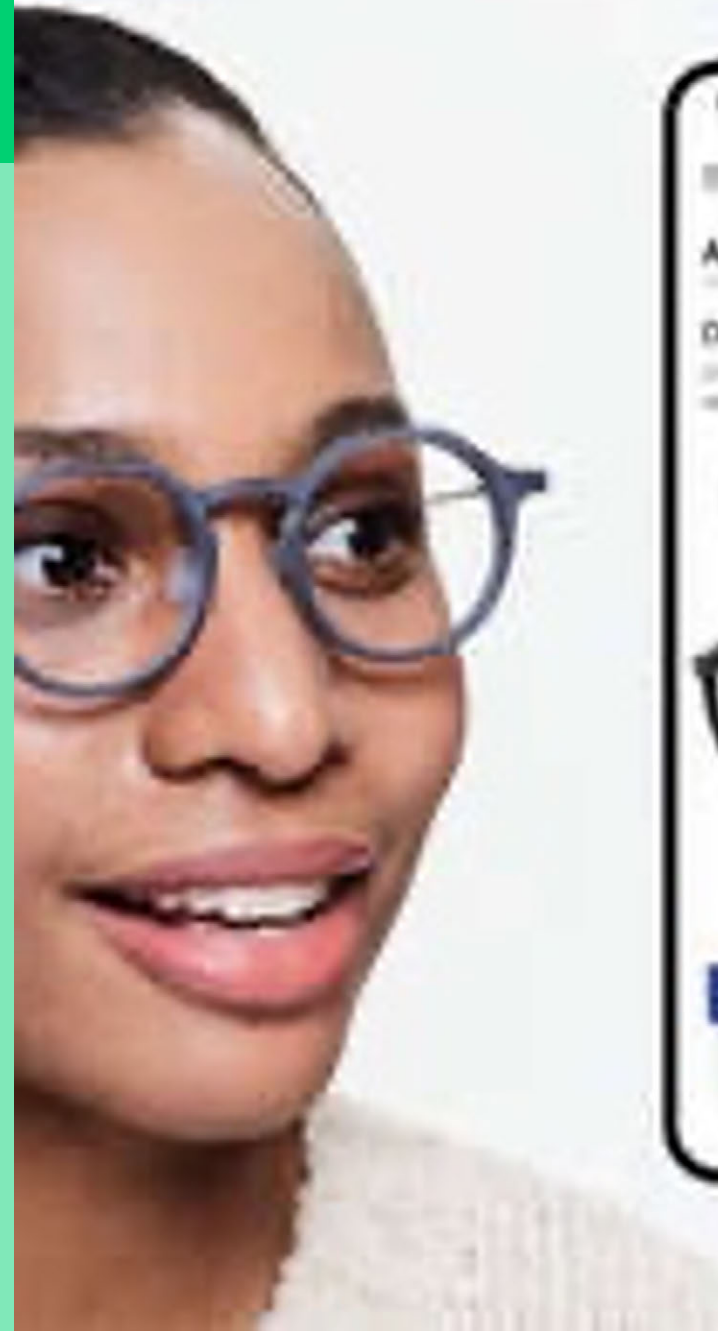
These 3D-printed ear tips are designed to customize the fit of AirPods wireless earphones



Customization/Personalization

Custom-Designed Glasses

Breezm 3D-printed personalized eyewear is created using biometric scans



Customization/Personalization



Customized Cycling Shoes

These 3D-printed carbon fiber shoes are designed to offer a perfect fit



Customization/Personalization

Personalized Protein Bars

Nourished Launches the First 3D-Printed Vegan Protein Bar Range



FIRST EVER
3-D PRINTED
PERSONALIZED
PROTEIN BARS
NOURISHED

Customization/Personalization

Metal Printing

HP Metal Jet S100
commercially availability
for mass production of
high-quality 3D printed
metal parts.

Customization/Personalization



Customized Climbing Shoes

HP 3D printing powers the world's first customized mountain climbing shoes from ATHOS.



Customization/Personalization

Customized Peripherals

HP is experimenting with customized 3D printed elements for HyperX headphones and keyboards.



Customization/Personalization

HP Internal

Adapting to Climate Change



Adapting to Climate Change

Based on current trends, by 2100 climate change is projected to cost the US an added

\$2T/year

Source: United States Office of Management and Budget



2997 tons

of hard-to-recycle plastic foam were eliminated from HP's packaging by switching to molded fiber

Source: Technavio

Climate-Responsive Homes

House Zero features ICON's resilient 3D-printed wall system, which replaces a building system traditionally made up of multiple steps saving time, waste and cost.

Adapting to Climate Change



Sustainable Homes

These 3D-printed habitats are carbon-neutral, adaptable to any climate and context, and made entirely with reusable and recyclable materials sourced from local soil.



Recycled Plastic Homes

Azure Printed Homes aims to revolutionize home building with prefabricated structures utilizing plastic waste as a 3D printing material for construction.



3D-Printed Rockets

X-Bow Launch Systems completed its first orbital test of a space exploration rocket manufactured in a more cost-effective and energy-efficient process that utilizes 3D-printed materials.



3D-Printed Air Filters

AddCat created a 3D-printed volatile organic compound filtration system



Robotics



Jobsite Printing

HP SitePrint is a robotic solution that prints the most complex construction site layouts with pinpoint accuracy, in a fraction of the time it takes manually.



Phygital Goods



Phygital POM

Proof-of manufacturing is an end-to-end protocol providing traceability for a manufactured item, and a link between digital twins.



