

## **Food 3D Printing Market - Growth, Trends, Covid-19 Impact, and Forecasts (2023 - 2028)**

Market Report | 2023-01-23 | 120 pages | Mordor Intelligence

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### **Report description:**

The food 3D printing market is projected to grow at a CAGR of 20.21% during the forecast period (2022-2027).

The COVID-19 pandemic has adversely affected several industries, including the 3D food printing market, across the globe. As a result of the pandemic, consumers became health-conscious and shifted their preference toward nutritious food. This technology is healthy and beneficial for the environment because it can help to convert ingredients such as proteins from algae, beet leaves, or insects into flavorful foodstuffs. It also creates new ways for food customization and adjusts to individual needs and preferences.

The technology has brought tremendous change in the food industry, with several companies across the globe trying their hand at 3D printing food. 3D printing technology involves a process known as additive manufacturing, wherein 3D deposition printers slowly deposit the layers of materials, one on top of the other, until a product is released. 3D printers are used for manufacturing and creating food that utilizes lasers, powdery materials, and nozzles and is opening new doors for the customization of food products with the delivery of a potent mix of the right nutrients.

The 3D food printing market is driven by the underlying printing technology that is at the nascent stage of development and execution as far as the processed food sector is concerned. The stringent quality assurance and precise nutritional control achieved by the use of 3D printing is in itself a revolutionary concept. 3D food printing has also been introduced in the foodservice sector, with more and more chefs and cooks embarking on food innovation and culinary creativity by utilizing 3D food concepts.

Food 3D Printing Market Trends

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## Rising Consumer Demand for Customized Food Products

Rising consumer demand for customized and personalized food products is boosting the demand for 3D printers. Manufacturers are launching innovative 3D food printers for indulgence applications such as chocolates, confectioneries, and pancakes, leading to an increased demand for 3D food printers at a commercial as well as domestic level globally. As the world is getting more self-centered, they are going for more customization, and so is their food. The market need for mass customization is increasing and is going for different shapes, colors, flavors, nutrition, and textures. This customization is done mainly on food products like coffee, hamburgers, ice cream, cake, biscuits, confectionery, and others. Technology is also one of the driving forces behind the 3D food printing market.

## North America Holds the Largest Market Share

North America dominates the market due to the consumers' rapid adoption of the technology and its implementation in the daily food-making procedure. The huge market for confectioneries and bakery products such as candies, chocolates, pizzas, and burgers in North America and increased demand for customized food products from the region make North America the largest market for 3D food printing technology.

## Food 3D Printing Market Competitor Analysis

The food 3D printing market is competitive by some of the major key players such as BeeHex, byFlow, CandyFab, Choc Edge, Nufood, Natural Machines, Systems, and Materials Research Corporation (SMRC), among others. Owing to technology democratization and its utilization, especially among the foodservice channels. The mass customization of commoditized products and the ability to create complex food products quickly and inexpensively is what boosts the market. The companies in the market are strengthening their product portfolios by increasing their R&D investments. The key players in this market are increasingly undertaking partnerships and collaborations to develop new technologies.

## Additional Benefits:

The market estimate (ME) sheet in Excel format  
3 months of analyst support

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