

Global 3D Printers Market to Exhibit Remarkable Growth due to Increasing Adoption Of 3D Printing Technologies

Orbis Research Inclusive Report: Global 3D Printers Market to grow at a Outstanding CAGR of 35.08% during the period 2017-2021

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Description

Explore the Latest Research Report- Global 3D Printers Market Research Report

The Following Companies as the Key Players in the Global 3D Printers Market: 3D Systems, EnvisionTEC, ExOne, and Stratasys.

Other Prominent Vendors in the market are: EOS, Matsuura Machinery, Shaanxi Hengtong Intelligent Machine, Ultimaker, voxeljet, and Wuhan Binhu Mechanical & Electrical.

Commenting on the report, "One trend in market is growing use of bioprinting by the healthcare sector. The capability of 3D printers to produce complex physical objects has led to the use of the technology for bioprinting. Bioprinting is the production of human organs using real human cells to develop functional human tissue. Advances in 3D technology have made this possible, thereby benefitting a large number of patients as well as doctors. The aim is to develop human organs as well as body parts to be used as transplants. Growing changes in lifestyle and habits have resulted in a large section of the population facing numerous health issues. This has led to a rise in the number of patients who require organ transplants. The lack of organ availability and matching donors is posing a serious problem for patients. 3D printing has brought about a new industrial revolution in the healthcare sector as exact replicas of the patient's organ can now be developed."

According to the report, one driver in market is increasing popularity of additive manufacturing techniques. As 3D printing is convenient for small businesses and consumers with limited technical knowledge, its popularity has increased significantly in recent years. Additive manufacturing has been made possible through a well-developed and still rapidly evolving range of CAD programs. It is being used in many industries and sectors, including automotive, aerospace and defense, industrial and commercial, medical, government, construction, and education. The benefit of 3D printers to print anything from the provided model data enables

manufacturers to produce products immediately after they receive an order. In addition, additive manufacturing techniques eliminate the need to construct complex assembly lines before production. Factories using this technology require fewer workers and materials, which reduces the production costs.

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Further, the report states that one challenge in market is intellectual property rights and legal disputes. A major issue affecting the growth of 3D printing technology is the protection of intellectual property rights. New product development is subject to patent or legal issues. The primary concern with 3D printers is that they can enable individuals to purposely or unintentionally make items that break copyrights. For instance, in 2013, Fernando Sosa, a designer, created an iPhone dock inspired by the popular HBO show "Game of Thrones." The dock became a top seller on his website. However, HBO prevented him from selling it as it infringed HBO's copyright on the iron throne. Fernando Sosa had to stop sales on his website and refund customers who had pre-ordered. Thus, designers could face copyright and legal issues for using the consumer version of a 3D printer, which is hampering the growth of the market.

In addition, consumers are 3D printing guns and firearms, which are extremely dangerous. In addition, guns made from plastic can go undetected through metal detectors, which makes them a security threat. Hence, some countries such as Israel are trying to pass a bill to ban such 3D printed guns.

The study was conducted using an objective combination of primary and secondary information including inputs from key participants in the industry. The report contains a comprehensive market and vendor landscape in addition to a SWOT analysis of the key vendors.

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