



Exentis' 3D technology platform enables high-volume production via systems like this one. Image credit: Exentis

3D cold printing technology from Exentis shows great potential

15 May 2023 08:39

Related partners

Exentis Group AG

Stetten - Exentis Group AG has a market potential of around 200 billion Swiss francs, according to a study. It covers three strategic business areas of Exentis' 3D technology platform for industrialized additive manufacturing.

Exentis Group AG's proprietary 3D technology has an end market potential of 198 billion Swiss francs in three strategic business areas, according to a study by the management consultancy Roland Berger. This expert assessment is based on global market data as well as on applications of Exentis that already exist or are currently in development. The foundation of Exentis' offering is an innovative 3D technology platform for industrialized additive manufacturing. The platform enables the production of millions of industrial parts, or even cleanroom applications such as tablets, on a single 3D production system.

Exentis specializes in the business areas Pharma & Medtech, New Energy and Ultra-fine Structures. With a potential of well over 100 billion Swiss francs, Pharma fares particularly positively in the analysis. Among others, in the rapidly growing pharmaceutical market, tablets with freely adjustable active ingredient release profiles have great potential. Exentis already enables the mass production of millions of these tablets per day on just one cleanroom 3D production system. In the relevant pharmaceutical sectors, annual growth of around seven per cent is expected until 2026.

Experts estimate the New Energy business area to have an end market potential of several billion Swiss francs. Exentis' 3D technology enables the production of parts for electromobility, fuel cells and energy storage systems, for which annual growth of up to 17 per cent is expected until 2026.

Roland Berger also sees potential in the Ultra-fine Structures business area, with growth rates of up to 7 per cent. Exentis technology is used in areas such as the manufacturing of collimators for improved imaging in computer tomographs.

As part of its license-based business model, Exentis offers customers long-term exclusivity in all business areas, according to the study. Expansion into different markets is achieved by issuing licenses and sublicenses: this allows the various business areas to be developed in conjunction with one another. ce/yvh

Supporting partner





SWISS PAVILION DIGITAL

< Swiss aviation industry well represented at the Paris Air Show

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Le Bourget - In total, 40 Swiss companies are in attendance at the Paris Air Show. The SWISS Pavilion is being organized by Swissmem. The official Swiss delegation is headed up by the National Armaments Director Martin Sonderegger.

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Keepars continues to grow

15 June 2023 16:11

Allschwil - Keepars, based in the canton of Basel-Landschaft, is planning to expand further in Europe and the Middle East. It is set to open a site in Abu Dhabi this year, and another in France, where it intends to step up its activities of clients' support as well as research and development activities focusing on hearing systems for extreme environments.

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Carbomill expands aerospace offering

15 June 2023 12:04

Seon - Carbomill AG is now offering the production process of electrical discharge machining (EDM) to the aerospace industry. The mechanical high-end processing specialist based in Aargau has enlarged its machine fleet to do so.

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Airwork & Heliseilerei bring many production steps in house

15 June 2023 11:15

Immensee - Airwork & Heliseilerei has established more and more competences and machines in Immensee in the canton of Schwyz over recent years. This has shortened production routes and supply chains and quantifiably improved processes. It also enables even greater consideration of client wishes.

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