Mercedes-Benz offers support with the production of medical equipment

Stuttgart. Mercedes-Benz is ready: The COVID-19 pandemic is affecting everyone. Especially in times like these, it is important for Mercedes-Benz to meet its social responsibilities. The Group has therefore offered its support with the production of medical equipment. With the aid of 3D printers, individual components can be produced that are urgently needed in medical technology as a result of the current COVID-19 pandemic.

“With our highly competent team and years of experience in 3D printing technology, we are ready to make our contribution to the production of medical devices,” says Jörg Burzer, Member of the Board of Management of Mercedes-Benz AG, Production and Supply Chain. “To this end, we are also in contact with the state government of Baden-Württemberg. Our expertise and specialist knowledge is available for production; now it is up to the medical technology sector to contact us. Our 3D printers are definitely available.”

Mercedes-Benz has been gathering experience in the research and application of additive manufacturing for around 30 years. In the passenger car sector, 3D printing is usually used in prototype construction and small-series production.

Mercedes-Benz already uses 3D printing machines to produce up to 150,000 plastic and metal components every year. This capacity can now be fully utilized for medical purposes. All common 3D printing processes can be used – from stereolithography (SLA), Selective Laser Sintering (SLS) and Fused Deposition Modelling (FDM) to Selective Laser Melting (SLM).

About additive manufacturing

In additive manufacturing, digitally developed components are built up layer by layer in a “printer”. The raw materials used include plastic and metal powders or resins which are fused by an energy source – usually one or more lasers. Once a layer is finished, a new layer is applied automatically and the solidification process starts again. This process is repeated until a three-dimensional component is created.

A video gives an insight into 3D production: [https://twitter.com/Daimler/status/1243585315488571393](https://twitter.com/Daimler/status/1243585315488571393)

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* The figures are provided in accordance with the German regulation ‘PKW-EnVKV’ and apply to the German market only. Further information on official fuel consumption figures and the official specific CO₂ emissions of new passenger cars can be found in the EU guide ‘Information on the fuel consumption, CO₂ emissions and energy consumption of new cars’, which is available free of charge at all sales dealerships, from DAT Deutsche Automobil Treuhand GmbH and at [www.dat.de](http://www.dat.de).
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Mercedes-Benz AG at a glance
Mercedes-Benz AG is responsible for the global business of Mercedes-Benz Cars and Mercedes-Benz Vans with over 173,000 employees worldwide. Ola Källenius is Chairman of the Board of Management of Mercedes-Benz AG. The company focuses on the development, production and sales of passenger cars, vans and services. Furthermore, the company aspires to be leading in the fields of connectivity, automated driving and alternative drives with its forward-looking innovations. The product portfolio comprises the Mercedes-Benz brand with the sub-brands Mercedes-AMG, Mercedes-Maybach and Mercedes me - as well as the smart brand, and the EQ product and technology brand for electric mobility. Mercedes-Benz AG is one of the largest manufacturers of premium passenger cars. In 2019 it sold nearly 2.4 million cars and more than 438,000 vans. In its two business divisions, Mercedes-Benz AG is continually expanding its worldwide production network with over 40 production sites on four continents, while aligning itself to meet the requirements of electric mobility. At the same time, the company is developing its global battery production network on three continents. Sustainable actions play a decisive role in both business divisions. To the company, sustainability means creating value for all stakeholders on a lasting basis: customers, employees, investors, business partners and the society as a whole. The basis for this is the sustainable business strategy of Daimler in which the company takes responsibility for the economic, ecological and social effects of its business activities and looks at the entire value chain.