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Stratasys Responds to COVID-19 Pandemic by Ramping up Production of 3D-Printed Personal Protection Equipment

Initial goal of 5,000 full face shields by March 27 with more scaling possible

'Our workforce and partners are prepared to work around the clock,' says CEO

EDEN PRAIRIE, Minn. & REHOVOT, Israel--(BUSINESS WIRE)-- Stratasys Ltd. (NASDAQ: SSYS) has announced a global mobilization of the company's 3D printing resources and expertise to respond to the COVID-19 pandemic, spanning its Stratasys, GrabCAD, Stratasys Direct Manufacturing and partner network with donated printing capacity across all regions. The initial focus is on providing thousands of disposable face shields for use by medical personnel.

This press release features multimedia. View the full release here:
<https://www.businesswire.com/news/home/20200322005032/en/>

In the United States, Stratasys has set an initial goal of producing 5,000 face shields by Friday, March 27, at no cost to the recipients. This includes both a 3D-printed frame and a clear plastic shield that covers the entire face. The company will have the ability to scale to an even faster rate of production.

Any 3D printing shop in the U.S. that wishes to help print plastic frames, can fill out an [online form](#) to be invited to join the effort. The company is also posting the full face shield printing and assembly instructions by Monday, Mar. 23 on its [COVID-19 response page](#).

One of the world's top hospitals has told Stratasys they use 1,530 disposable face shields every week even without the surge created by COVID-19 and is down to six days' inventory on hand, with the pandemic still building momentum.

Stratasys said medical technology leader Medtronic and Minneapolis-based Dunwoody College of Technology will provide support for the plastic shield material.

"We are humbled by the opportunity to help. We see additive manufacturing as an essential part of the response to the COVID-19 global epidemic," said Stratasys CEO Yoav Zeif. "The strengths of 3D printing – be anywhere, print virtually anything, adapt on the fly – make it a capability for helping address shortages of parts related to shields, masks, and ventilators, among other things. Our workforce and partners are prepared to work around the clock to meet the need for 3D printers, materials, including biocompatible materials, and 3D-printed parts."

Stratasys has scores of professional 3D printers available to apply to the challenge of



Stratasys and its partners are producing several thousand face shields with 3D-printed plastic frames. (Photo: Business Wire)

Stratasys has set up a web page where organizations can request 3D printed products to help with the crisis, offer 3D printing capacity, or request 3D printers or material for medical- or safety-related purposes. Visit www.stratasys.com/covid-19.

The company is also planning to respond to the crisis in additional ways. An initiative led by anesthesiology residents of Massachusetts General Hospital called the [CoVent-19 Challenge](#) is planning to ask engineers and designers to help develop a new rapidly deployable ventilator and other innovative solutions to the ventilator shortage, and Stratasys plans to support the challenge and promote it via its GrabCAD community of more than 7 million professional designers, engineers, manufacturers and students.

Stratasys is a global leader in additive manufacturing or 3D printing technology and is the manufacturer of FDM[®], PolyJet[™], and stereolithography 3D printers. The company's technologies are used to create prototypes, manufacturing tools, and production parts for industries, including aerospace, automotive, healthcare, consumer products and education. For more than 30 years, Stratasys products have helped manufacturers reduce product-development time, cost, and time-to-market, as well as reduce or eliminate tooling costs and improve product quality. The Stratasys 3D printing ecosystem of solutions and expertise includes 3D printers, materials, software, expert services, and on-demand parts production. Online at: www.stratasys.com.

producing shields at scale, particularly across its Stratasys Direct Manufacturing facilities, which are based in Eden Prairie, Minn., in and around Austin, Texas, and Valencia, Calif. A number of other large manufacturers and educational institutions with production grade 3D printers have donated their capacity to help. These include Wentworth Institute of Technology in Boston, Queensborough Community College in New York City, and the Savannah College of Art and Design in Savannah, Ga.

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