

New, profitable vertical created when British orthosis manufacturer Footlabs invests in Swedish 3D printer – Wematter has won its first UK-based customer, and it is from a strategically most interesting segment indeed!



The Wematter Gravity SLS 3D-printer system

The Wematter SLS 3D printer will soon be able to churn out dermatologically approved orthoses!

Every human is unique. So are our bodies. That's why 3D printing is perfect for the production of orthoses. These are structures that are placed on your body for structural support. Like plaster, only stronger, more flexible, better looking, lighter, and more comfortable. The fit is always perfect. The body part on which it is to be placed is scanned, and a unique, personal orthosis is 3D printed from that scan.

Wematter Gravity is the perfect SLS 3D printer for printing human orthoses. Gravity has a build volume large enough to fit the various parts of the human body, it has a laser powerful enough to print the dermatologically tested powder from Footlabs, and perhaps most importantly – with Gravity, all processes have been simplified to the point where it is super simple to do 3D prints! This video illustrates what it could look like:

[**\[video\] 3D Printed Orthopedic Cast replaces Plaster**](#)

Now that Footlabs and Wematter collaborate, yet another and potentially very profitable vertical has been created. Competitors will have to work hard to catch up. With this, Wematter has embarked on the quest to conquer the customer segment "orthosis manufacturers".

The sales of additive production systems to the medical market was in 2020 EUR 197,6 million. (Source: AMPOWER Report 2021: Polymer)

"I'm happy today as Footlabs is our first customer in the large medical market segment, and we are looking forward to receiving many more. That this particular sale was made by one of our dealers is also great news, as this shows that our dealer network delivers as it should", says Robert Kniola, Founder, and CEO of Wematter.

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About Wematter AB (publ)

Wematter's pioneering end-to-end solution is broadening commercial opportunities in a market that is set to grow sevenfold in four years and is currently worth €5 billion. Wematter's €100 000 solution makes it easier and faster for developers to create new products, or for workshops to produce durable and fully functional spare parts. The product-as-a-service business model creates the conditions for stable and recurring revenues from rent and the company's sale of manufacturing materials. For more information about Wematter, visit www.wematter3d.com

About Footlabs Ltd

Footlabs aims to become the UK's leading supplier of prescription orthotics. The company was founded to ensure that every customer receives the level of attention required to create an orthotic solution that's right for them. This is made possible by combining the extensive experience and technical expertise with state-of-the-art technology – including digital scanning, computer modeling, and innovative software, often developed in-house. For more information about Footlabs, visit www.footlabs.co.uk