



# Wematter Gravity SLS 3D printer

Additive manufacturing for local product development

▶ **Easy to use**

Saves working time through automation and makes SLS more accessible

▶ **Prints that last**

Print parts strong enough for mass production

▶ **High reliability**

Always connected to avoid production interruptions

Explore benefits ↓

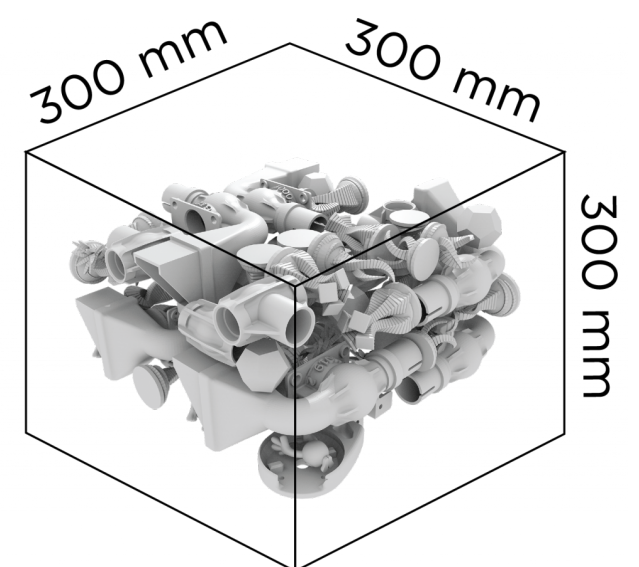
Place an order  
(<https://slsprinteronline.com/system/>)

## World-leading 3D-printer technology

Now you can print finished products with SLS-quality without the need for powder rooms, dedicated staff and complex settings. 3D-printed components from Wematter Gravity have the same strength as injection molding and can replace both milled aluminum and tool investments. The advantages of additive manufacturing with the strength from conventional manufacturing.

When Wematter was founded, there was a clear ambition to develop a system that is as easy to handle as FDM-printers, with the same capabilities as SLS with comparable strength to conventional manufacturing. The result is Wematter Gravity, an SLS 3D printer that produces production-quality components and unique powder handling that enables manufacturing in the office.

## Large build volume

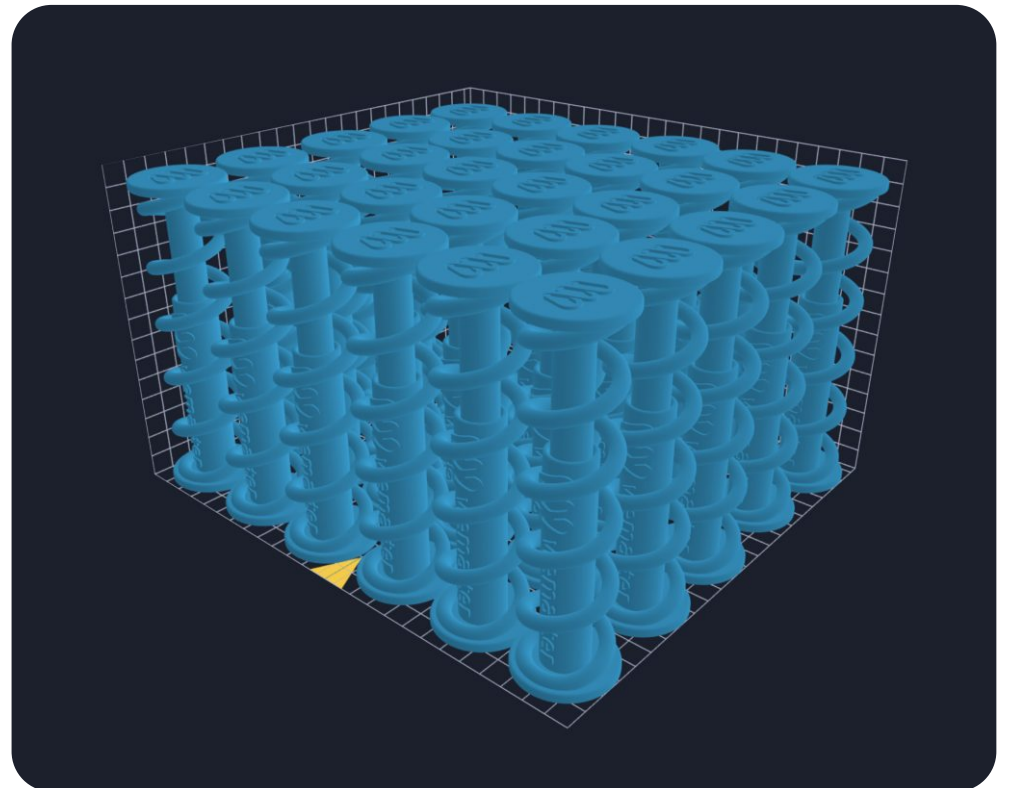


# SLS-Prints produced and delivered in hours

**Reduce lead time and cost** on your SLS 3D-printed parts by having your own SLS 3D-printer at your office. Print functional prototypes, tools and replacements in your own additive manufacturing system without extensive labour time, or powder safe facilities. See how you can save time and money with Wematter in the example below.

<b>Pieces per print job</b>	30
<b>Material</b>	Aurora PA11
<b>Running time</b>	12 hours
<b>Typical service bureau cost per unit</b>	70 EUR
<b>Wematter 3D-printed cost per unit</b>	3,5 EUR
<b>Cost savings*</b>	95 %
<b>Time savings*</b>	85 %

\*compared to price and leadtime for a service bureau print job



[Request 3D Printed Sample Parts \(\)](#)

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## Advanced SLS technology in a user-friendly format

For the first time ever, there is an SLS system adapted for the broad masses. Wematter Gravity SLS 3D-printers are CE-marked for office use, hospital environment, lab or workshop.

This means that there are no requirements for dedicated staff, no investments in infrastructure and, above all, no complex powder handling. Imagine that all that is needed is to connect the internet and a standard power socket, the installation goes in an instant. For the first time ever in the history of 3D-printing, no 7 kW three-phase, no dedicated cooler, no complex ventilation and no extraction are needed.



# Benefits with the system

## ● Strong & Flexible

SLS 3D-printed parts with mechanical properties as strong as injection molding without the need of support structure.

## ● Patented powder system

Refill Wematter Gravity in a very easy way with our patented powder packaging. The powder is being recycled and stored inside Gravity for your next print.

## ● Work remotely

Start print jobs, monitor and follow the process through your phone, laptop or tablet with the help of Wematter's IoT platform.



## ● Easy to use for everyone

Self-instructing software and machine guide feature with ergonomic solutions for an effective printing process.

## ● No More Service Plans

Cloud connected, novel machine built for a sustainable long term rental. Self-diagnosing and troubleshooting through the cloud.

## ● Just Plug & Play

CE-certified, easy to install eco-system that is up and running in less than an hour from delivery. You only need a normal power socket for your AM production.

## Gravity SLS Specifications



<b>Build Volume</b>	up to 300 x 300 x300 mm
<b>Precision</b>	0,1 mm
<b>Footprint</b>	less than 1 square meter
<b>Machine Dimensions</b>	170 x 75 x 60 cm
<b>Print Technology</b>	Powder Bed Fusion > Selective Laser Sintering
<b>Speed</b>	12 mm per hour
<b>Weight</b>	310 kg
<b>Connections</b>	Power 230 V, 50-60 Hz / Ethernet 1 Gigabit

**Wematter Gravity SLS 3D printing system**

First name\*

Last name\*

Company\*

Email\*

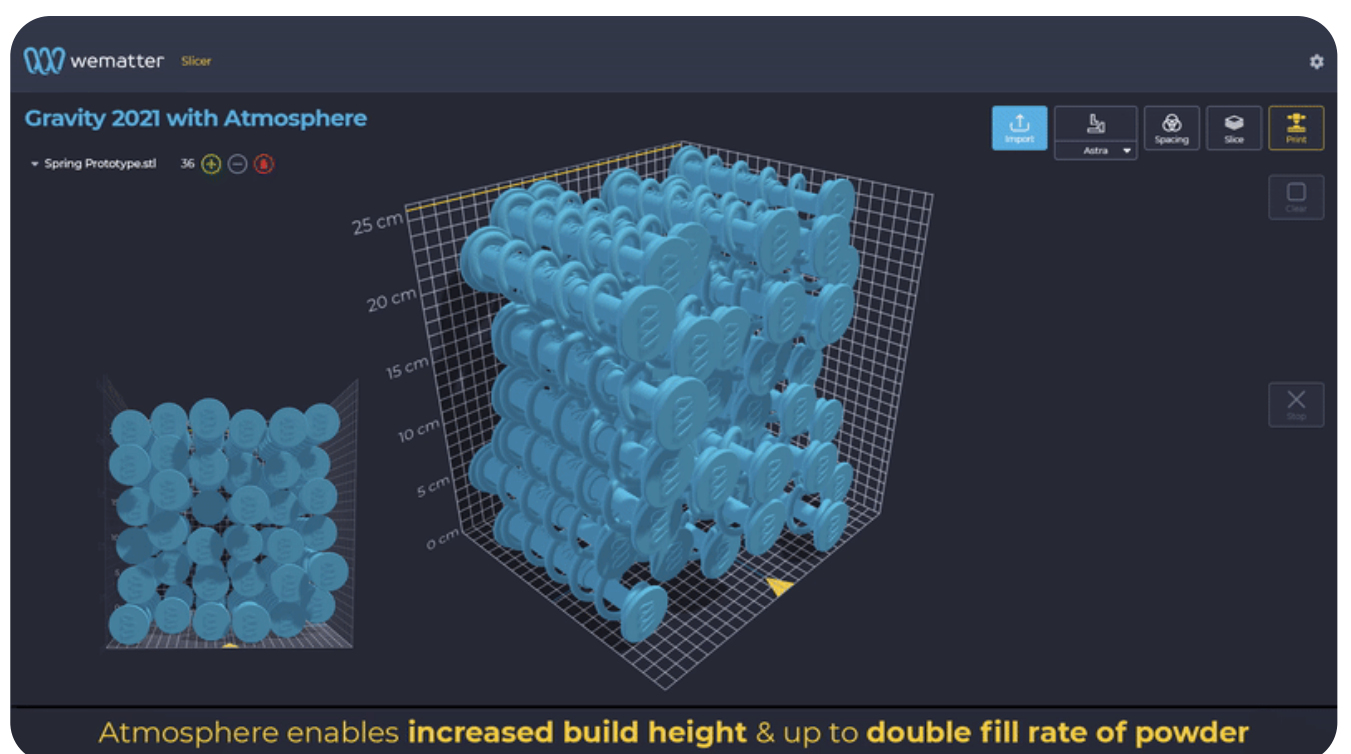
Country

I have read Wematter's [privacy policy](#) and agree that Wematter stores and manages my personal information and sends e-mails\*

Download

# A stable thermal environment with **Atmosphere**

**Atmosphere is a unit that provides improved control of build chamber conditions** in the SLS 3D-printer Gravity for increased part density, surface finish, and mechanical performance. Atmosphere communicates with the 3D-printer Gravity's software and creates a more stable thermal environment during the printing process.



## Benefits

- Increased mechanical properties of components for large print jobs
- Increased powder recyclability rate of unsintered material
- 70 % improved strain at break of printed parts when using Atmosphere with recycled powder compared to printing without Atmosphere
- Increased aesthetic characteristics for white printing material
- Enables increased efficiency of powder when printing components

**Atmosphere product data sheet**

First name\*

Please complete this required field.

Last name\*

Please complete this required field.

Company\*

Please complete this required field.

Email\*

Please complete this required field.

Country

I have read Wematter's [privacy policy](#) and agree that Wematter stores and manages my personal information and sends e-mails\*

Please complete this required field.

Please complete all required fields.

# Deep Space software for 3D-printing

Upload your .step or .stl files directly to our web application and prepare your 3D-printing jobs from any computer.

Plan your job of 3D-prints, press the button and our in-house developed algorithms will prepare your job, pack it, place it in the queue and meanwhile our Gravity 3D-printer warms up to be able to start on your command.

We have focused on productivity and user-friendliness so that more people can discover the benefits of Additive manufacturing.



**Read more**  
(<https://wematter3d.com/wematter-sls-software-platform/>)

# Wematter Gravity introduction movie



- + [What makes you unique? \(\)](#)
- + [Who are your customers? \(\)](#)
- + [Why rent a 3D-printer? \(\)](#)
- + [How does Wematter help me produce smarter? \(\)](#)
- + [How does Wematter handle powder for the 3D printer Gravity? \(\)](#)
- + [Is service for Gravity included? \(\)](#)
- + [What is the delivery time? \(\)](#)

## Need help **deciding?**

Are you interested in taking the next step when it comes to additive manufacturing for your business? Give us your details below and we will get back to you to discuss a solution for your needs!

[📧 I want to know more \(\)](#)



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/ [SVENSKA \(HTTPS://WEMATTER.SE/GRAVITY-SLS-3D-SKRIVARE/?](https://www.wematter.se/gravity-sls-3d-skrivare/)

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