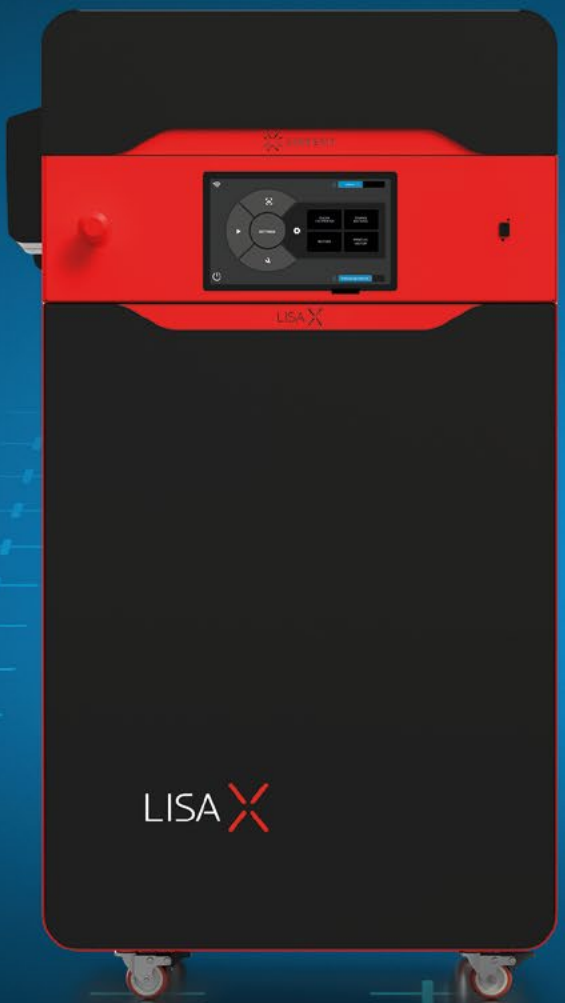
SINTERIT

LISA X



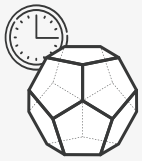
SPEED UP
YOUR INNOVATION

LISA X

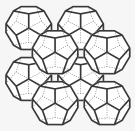
A NEW COMPACT SLS 3D PRINTER

offering lightning-fast printing, a large working area, access to numerous materials, and open printing parameters. All designed to give you more freedom to innovate more and faster.

Business Benefits



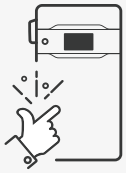
Faster prototyping
Most projects can be printed in less than 24 hours, shortening product development cycles.



More prints per week
The Lisa X enables you to test many more designs and material features faster.

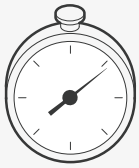
Optimal printing costs
Made possible thanks to Lisa's revolutionary speed and market-leading powder refresh ratio.

More applications covered
With more materials, faster printing, and more open parameters, the 3D printing applications are unlimited.

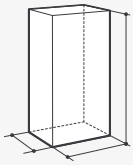


Ergonomic operation
Lisa X is an easy-to-use machine, thanks to simple material change, low cool downtime, and a complete solution available.

Technical Benefits

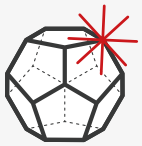


Exceptionally fast printing
Build speed of 10-14 mm/h and a full bed of the most complicated shapes printed in 34 hours.

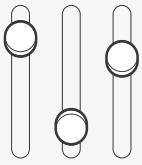


Bigger Build Volume
With a bed measuring 130 x 180 x 330 mm, the Lisa X is the largest compact SLS printer in our arsenal.

A wide range of materials
Nine materials, from ultra-durable, flexible ones to more specialized materials like ESD powder.



Top print quality
Top-notch detail thanks to the experience and know-how Sinterit has gained in the SLS industry.



Open environment
32 open printing parameters to choose from plus the ability to use external materials.

Lisa X – Specification

PROPERTIES	VALUE
Build Volume	130 x 180 x 330 (W x D x H)mm 5.1 x 7.1 x 13.0 (W x D x H) in
Max. Print Diagonally	398 mm 15.7 in
Printer Dimensions	650 x 610 x 1200 (W x D x H) mm 25.6 x 24.0 x 47.2 (W x D x H) in
Build speed	10-14 mm/h
Scanning type	Galvo
Laser type	IR 30 W
Laser Spot Size	650 [µm] / 0.0256 [in]
Files	STL, 3MF , OBJ, 3DS, FBX, DAE
Inert gas control system	yes

Meet the Lisa X

the revolutionary compact SLS printer

Whether you work on new products or run research projects, how fast you can print parts matters. Being able to print most elements within 24 hours allows you to innovate faster. Then, instead of waiting for the results of printing, you can focus on what's important - checking your ideas faster, reinventing them, and achieving the results you expect. Until now, really fast SLS printing was available only in large industrial machines. We set out to bring speed to more 3D printing professionals using compact printers. This is why we've equipped the Lisa X with the powerful laser (30W) and galvo scanner thanks to that it achieves revolutionary industrial speed without sacrificing high-end quality printouts. This makes the Lisa X the best investment for those who need more detailed prints much faster.

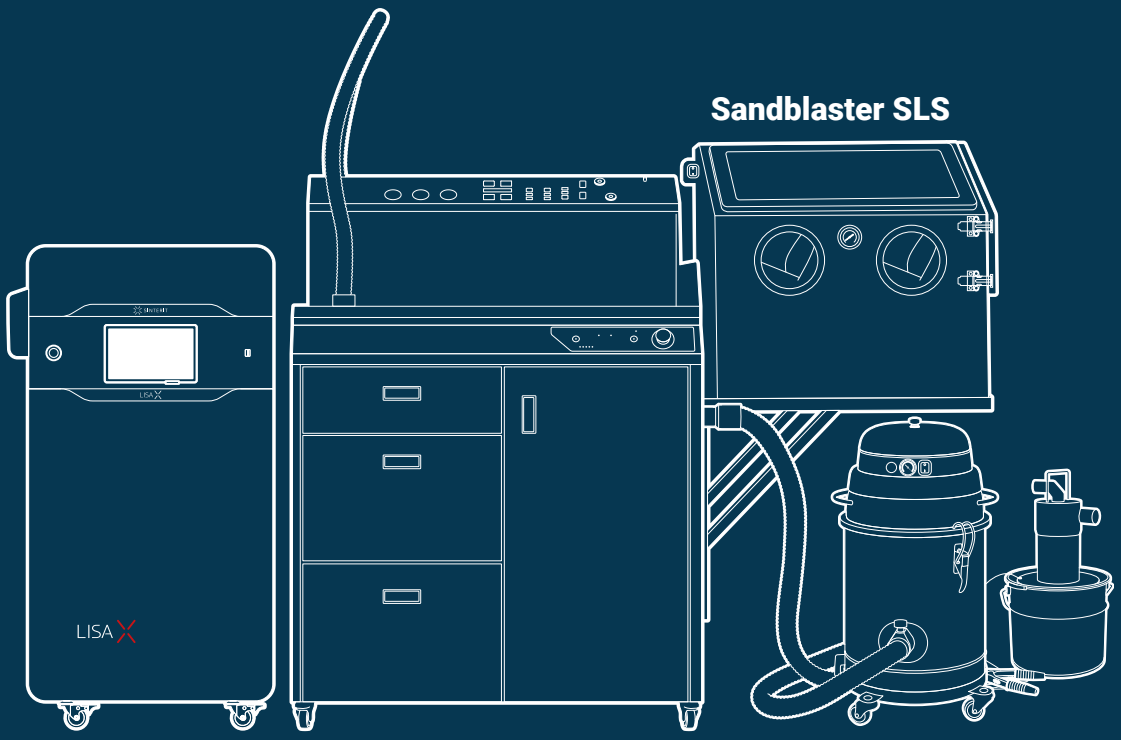
How fast is the Lisa X?

- **Up to five** full beds per week
- Full bed printed **in 34 hours**
- Most printouts ready **in 24 hours**
- **Even 12x shorter printing time** than the Lisa PRO

Sinterit's solution optimizes the printing process

Sinterit supports the user at all stages of the printing process. From preparing the models in the Sinterit Studio, to printing, full post-processing and powder management. This makes using the Sinterit system as easy and functional as possible.

Sinterit's Solution



Lisa X **Powder Handling Station** **ATEX/Intertek Vacuum**

SINTERIT

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About Sinterit

Sinterit is a global supplier of innovative 3D printing solutions in SLS technology. With two SLS 3D printer lines – compact and industrial – it answers the needs of engineers, educators, researchers, scientists and, above all, visionaries.

Sinterit SLS 3D printers work every day across multiple industries including automotive, electronics, mechanical engineering, consumer goods, healthcare, and many more.

Sinterit's system is used in over forty markets around the world with more than a thousand installations. The recipient of awards at Formnext and from All3DP authority (multiple times), Sinterit SLS 3D printers are known for their ease of use, uncompromising quality, and availability.