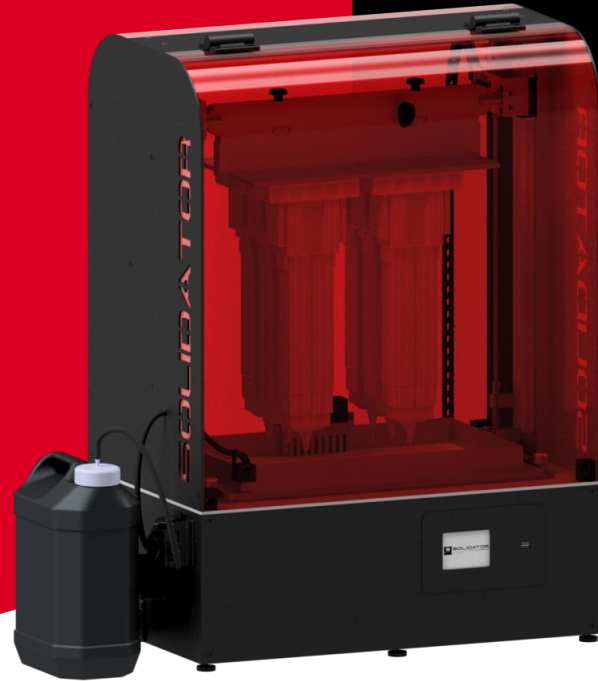


# THE NEXT GENERATION PRO RESIN 3D PRINTER

**SOLIDATOR 3**

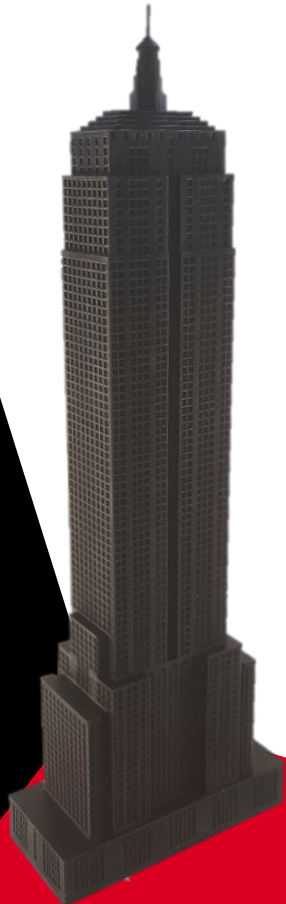


**DESIGNED FOR ENGINEERS**

- + LARGE FORMAT**
- + EXTREMELY FAST**
- + SLA QUALITY**

EVEN MORE POWER

# PRODUCT DETAILS



## EXTREMELY LARGE

Build volume of 26.9 liters  
345.6 x 194.4 x 400 mm  
(13.61" x 7.65" x 15.75")

Solidator can print really huge models. It's also possible to print multiple smaller models in one print. With this you don't have to set up and clean the printer single model you print. This makes it ideal for small batch productions, prototypes, single-part production and copy shops.

## EXTREMELY FAST

Prints up to 1949cm<sup>3</sup> per hour  
(118 in<sup>3</sup>/h) due to its large  
build area high vertical speed

Solidator is an ultra-fast Next Generation Resin 3D Printer. It prints up to 20x as fast as a comparable FDM Standard Printer and up to 10x as fast as other SLA printers.

## SUPER SMOOTH

Native 4K Resolution with  
additional 3D-Smoothing  
Technology

With more than 1 quadrillion voxels in the build volume with a XY Resolution of 90 micron and layers as thin as 30 microns the print results are outstanding! The 3D Smoothing algorithm can further increase surface quality even above native pixel size.

## SPECIAL RESINS

Specially formulated for high  
speed curing of large volume  
prints

The resin has minimal shrinkage which makes sure the objects don't curl, resulting in flat surfaces as designed in your model. The special resin also makes it possible to print overhangs and undercuts without problems.

## MODERN USER INTERFACES

Integrated touch-enabled  
Computer and Web UI

Modern HTML 5 Web Interface to organize and monitor prints. WiFi, Ethernet and USB Job transfer methods fit your needs

## FAST SLICER

GPU-accelerated  
slicing and hollowing

Solidator Studio is the professional all-in-one software package for model preparation, support generation and GPU-accelerated slicing. Resin settings and material knowledge is already preset in the software for reliable printing.

## PLUG & PLAY

Reliable printing  
out of the box

Fully assembled, factory level-z setting, precalibrated long life light source; Resin settings are fixed in our software for each supported resin

## PRIORITY SUPPORT

Talk to Experts

Direct access to our development team in Germany for support questions.

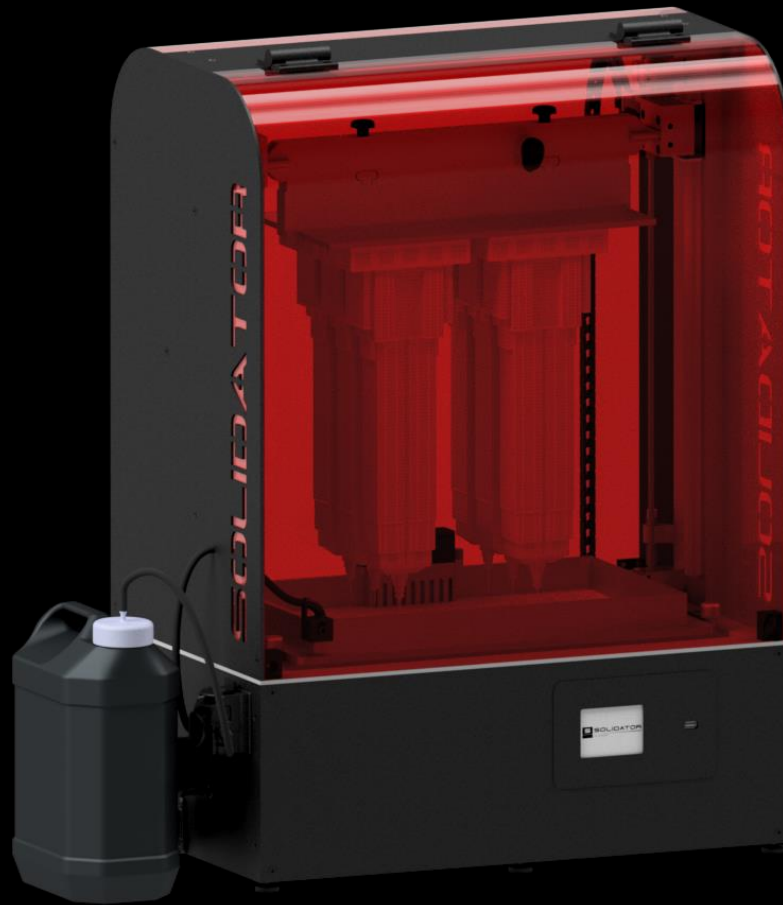
SOLIDATOR 3

# TECHNICAL SPECIFICATION



## Solidator 3.0

<b>Technology</b>	4K Resolution LCD Mask-Stereolithography
<b>Build volume (Length x Width x Height)</b>	345.6x194.4x400 mm (13.61" x 7.65" x 15.75")
<b>build speed @ 100 micron layer height (Clear Resin)</b>	By build volume: 1948 cm <sup>3</sup> / hour (118" / h) , Vertical: 29 mm / hour
<b>Resolution enhancement</b>	3D surface-smoothing
<b>Voxels in build volume</b>	More than 1 quadrillion voxels
<b>layer height</b>	30 / 60 / 100 microns
<b>Z-Motor resolution</b>	10 microns
<b>Minimal feature size x y</b>	0.090 x 0.090 mm
<b>Desktop Size Footprint (W x H x D)</b>	682 x 376 x 810 mm (26.85" x 14.8" x 15.75")
<b>Slicing software + Support generator</b>	Solidator Studio (included)
<b>Standalone 3D-printing</b>	Yes, no external PC required during print
<b>Touch screen</b>	3.2" touch screen
<b>HTML5 Web interface for mobile &amp; pC devices</b>	Yes
<b>Wlan support for job transfer</b>	Yes
<b>Ethernet support for job transfer</b>	Yes
<b>USB stick / USB Flash drive for job transfer</b>	Yes
<b>Long Life Light Source</b>	50,000 hours, UV LED Array
<b>Automatic Resin Refill System</b>	Yes
<b>Windows operation system support</b>	<b>Yes</b>
<b>Power Supply Voltage</b>	110-240 V 50/60 Hz
<b>operating temperature</b>	64.4 -77 oF (18 -25 oC)



**WWW.SOLIDATOR.COM**

**CONTACT** [sales@solidator.com](mailto:sales@solidator.com) • **TECHNICAL SUPPORT** [support@solidator.com](mailto:support@solidator.com)

**HEADQUARTERS** tangible engineering GmbH • Industriestr. 4 • 70565 Stuttgart • **MANAGING DIRECTOR** Tim Fischer • Phone: +49 711-219 558-0