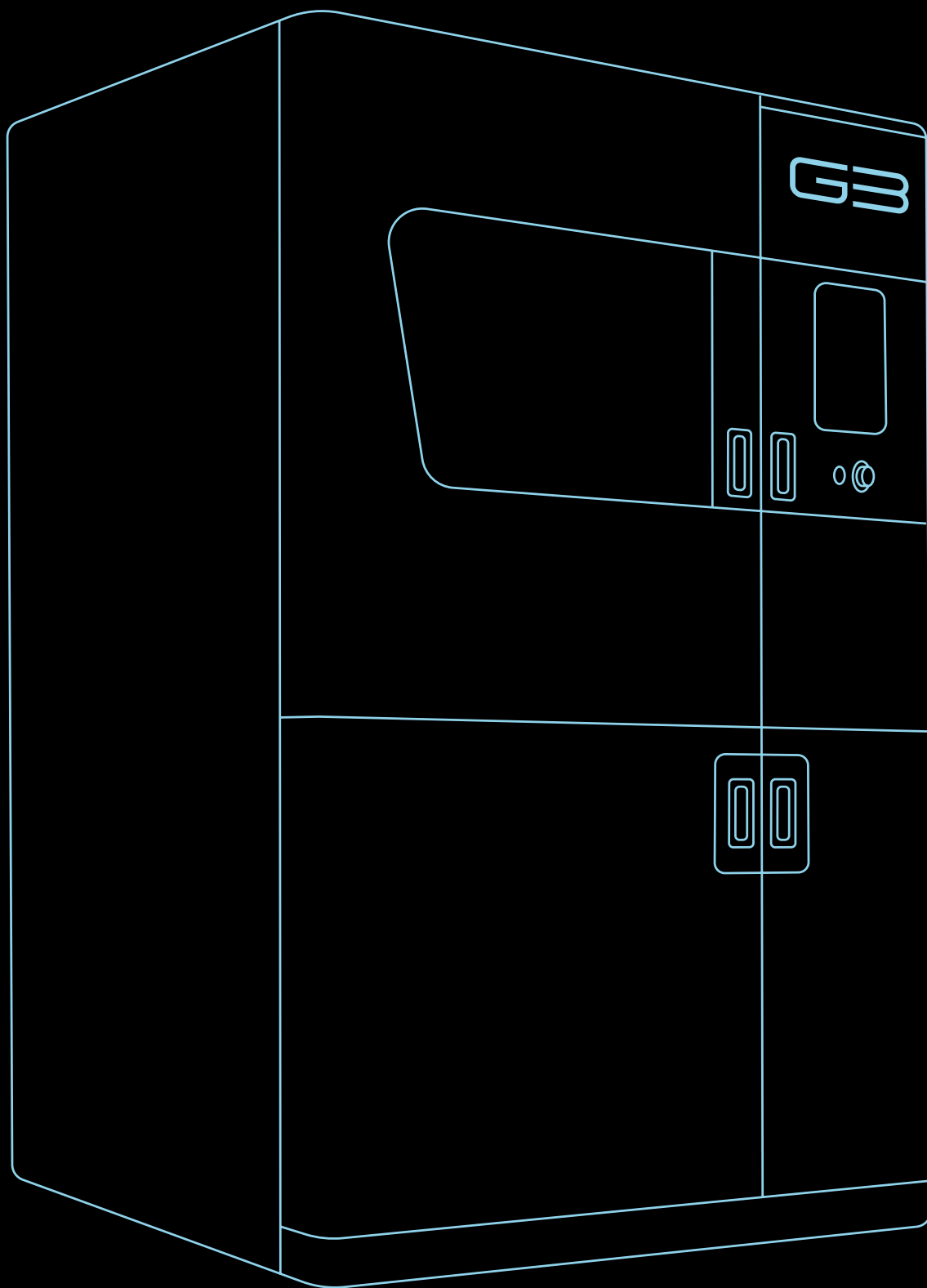


# GENERA.



Creation made reliable.

GB



**All-in-One. Automated. Compact.**

The powerful technologies of the G2 and F2 have now been integrated into one compact machine. For the first time ever, users can take a digital part file to a fully washed and post-cured part, all in one machine. The G3 can be preconfigured for 70 or 100 µm pixel size resolutions using a powerful 4K 385nm DLP light engine.

Print with the same flexibility as the G2 using GENERA's ever-expanding validated material library. Parts are automatically cleaned after printing with our non-flammable GENERA Clear3d cleaning fluid. The post-curing step is completed in the high-powered and homogenous UV LED post-curing chamber with programmable temperature and optional inert atmosphere.

Print, wash, and post-cure.  
All with the G3.

**HARD FACTS**

<b>Print volume @70/100 µm</b>	<b>Available preset pixel sizes</b>
x: 268/384 mm	70 µm or
y: 153/216 mm	100 µm
z: 320 mm	

<b>Wavelength</b>	<b>Speed</b>
385 nm LED	Up to 3 mm/min*

<b>Technology</b>	<b>4K Resolution</b>
DLP	(3840 × 2160)

**Active carbon filter for odor reduction**

**Fully automated post-processing**  
(1 Build Job)

**Non-flammable cleaning fluid**  
(GENERA Clear3d)

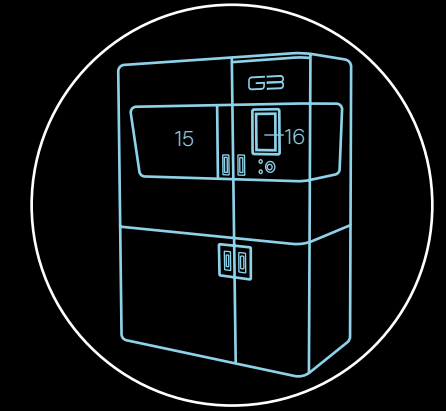
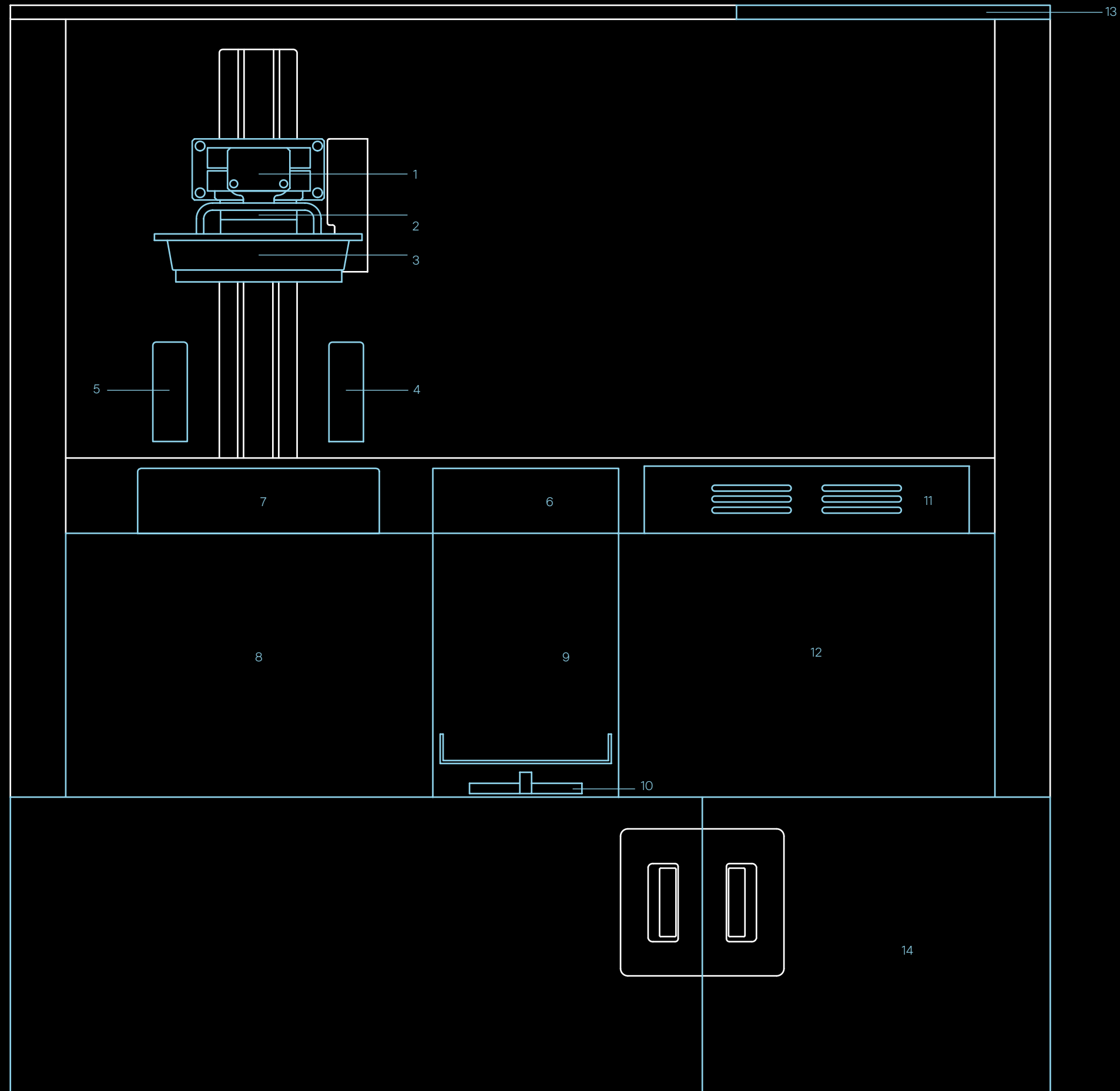
**High power and uniform LED curing chamber @ 405 nm**

**Post-curing in inert atmosphere with part tempering**

**Intelligent database for printing, post-processing and documentation**

\*depending on material and vat system





**MACHINE COMPONENTS**

- 1 Print/post-processing diagnostic sensors
- 2 Automatic handling system for platforms
- 3 Heated build platform
- 4 Resin temperature sensor
- 5 Resin level sensor
- 6 Wash fluid level sensor
- 7 Special heatable vat system
- 8 4K 385 nm DLP light engine
- 9 Glove-free process with fully automated post-processing
- 10 Integrated direct drive stirrer for efficient cleaning of green parts
- 11 Heating unit (part drying and tempering)
- 12 LED post-curing chamber
- 13 LED for status information
- 14 Resin tank and lightproof, automated resin dispensing system for high throughput production
- 15 Secure, fully enclosed, air-filtered machine
- 16 Human machine interface (HMI) with machine control, part preview, and print-/post-process progress

