

---

# Mass Production

## With Efficiency & Convenience

Large-size LCD printer with high efficiency & high precision

***Foto 13.3***

Flashforge Newest Arrival  
Large-size HD 4K LCD Printer





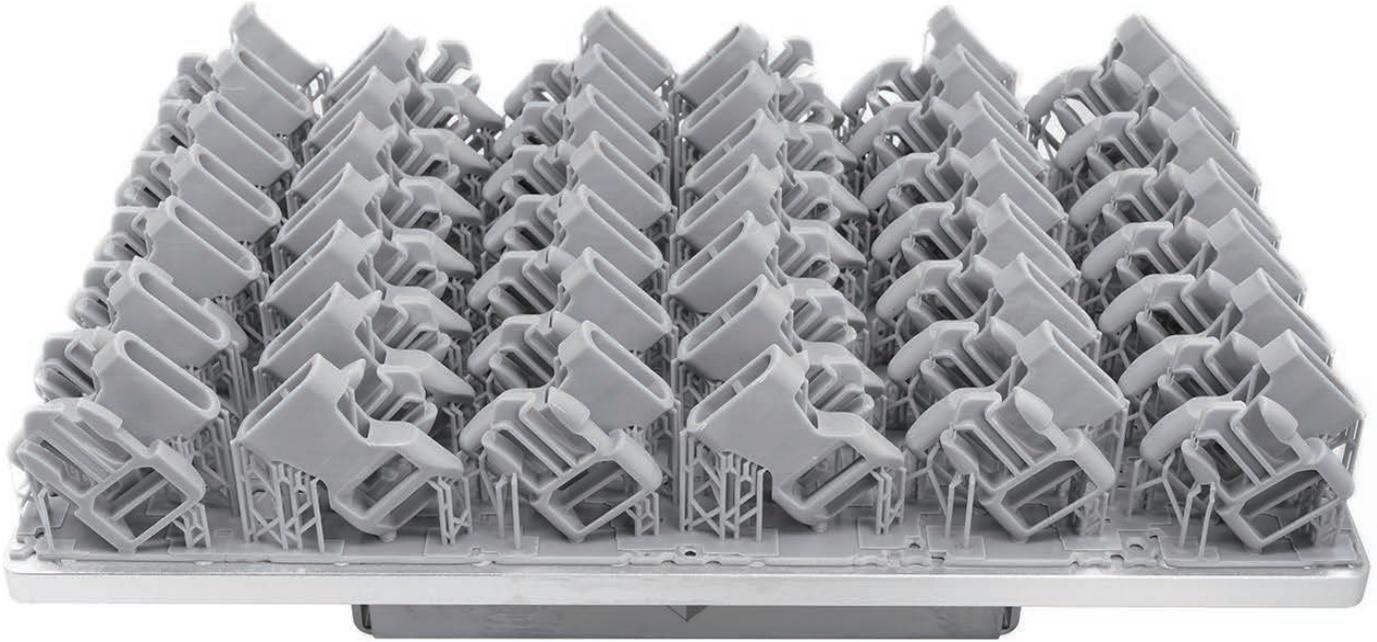
## Larger Build Volume

- ◆ Build volume **292\*165\*400 mm**
- ◆ Print volume **19L**

The printing size is **4 times** larger than other LCD printers.



7x6=42



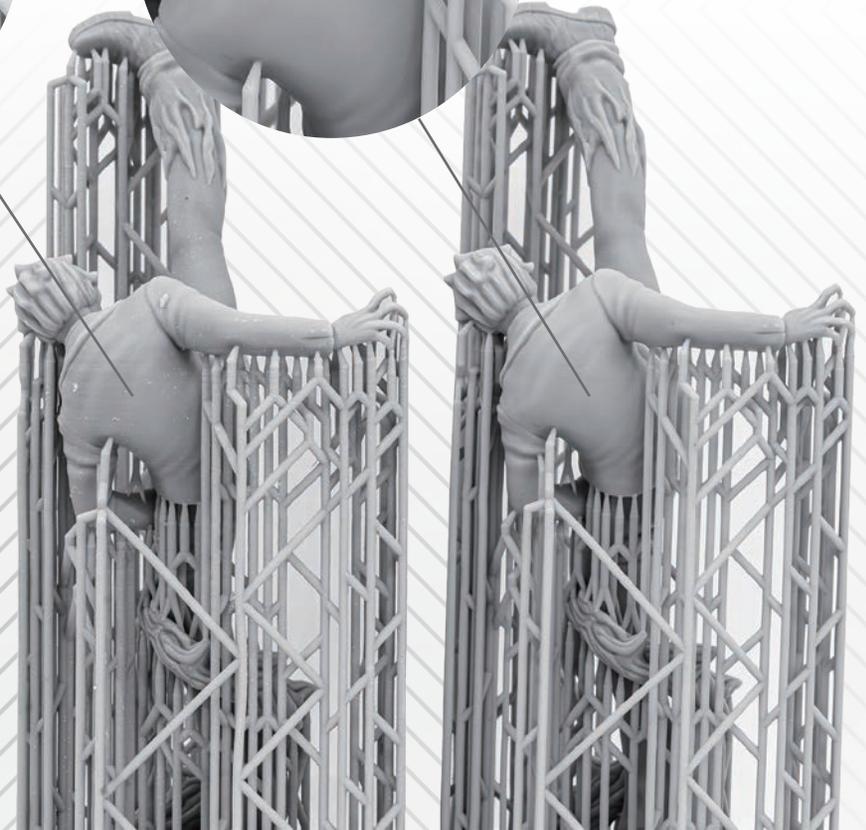
Model printed by  
common rod motor

Model printed by  
Foto 13.3



## Superior Printing Performance

The Z-axis is supported by dual-linear ball screw which dramatically improves stability while in motion and reduces the risk of layer shifting, whereas layers are frequently shown in the models printed by common rod motor.

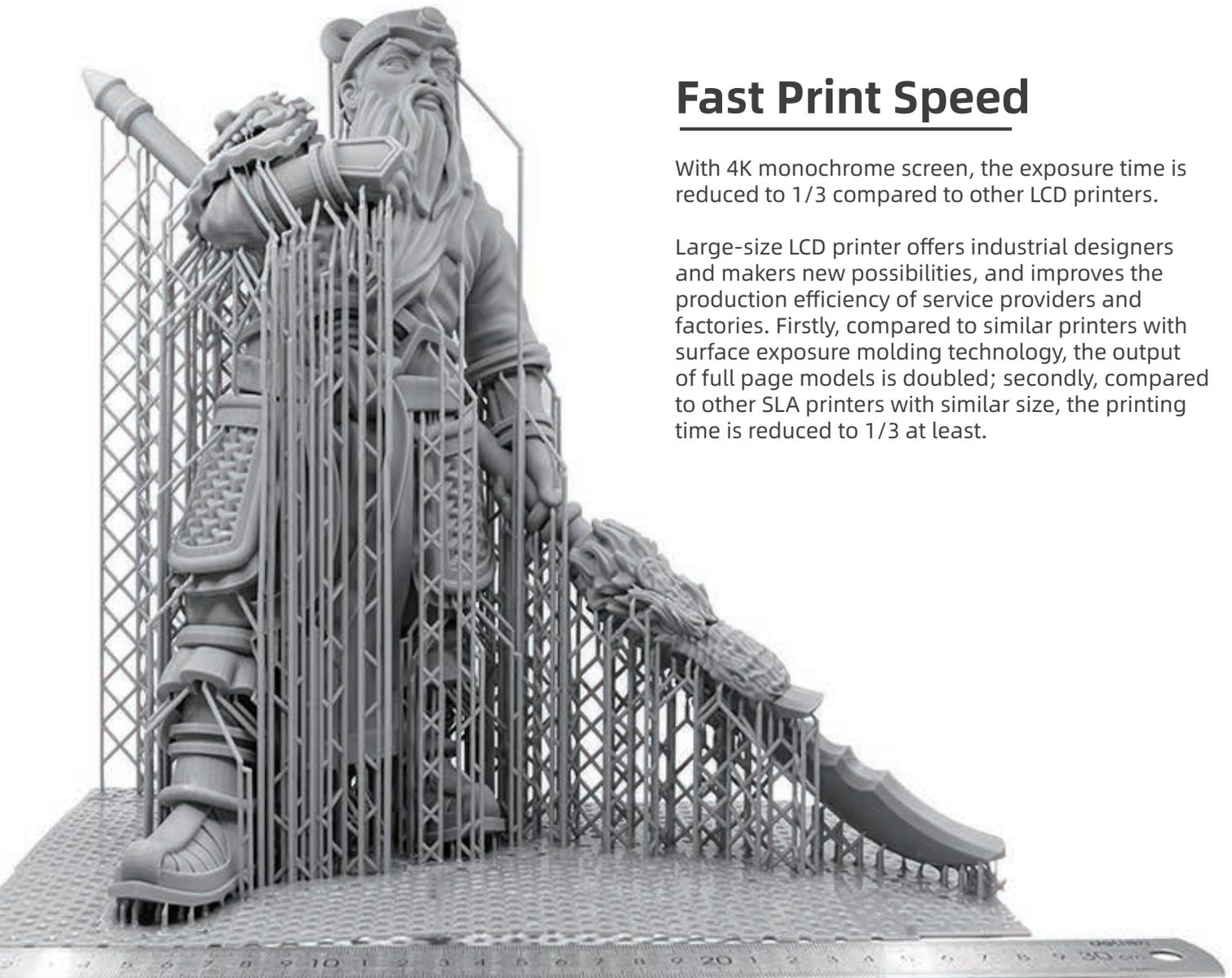




## High precision

For prototype designers and makers, the printed segmentation model can be assembled without polishing, which improves the iterative speed of product update; while for other printers, it takes at least 1/4 extra time for surface polishing.

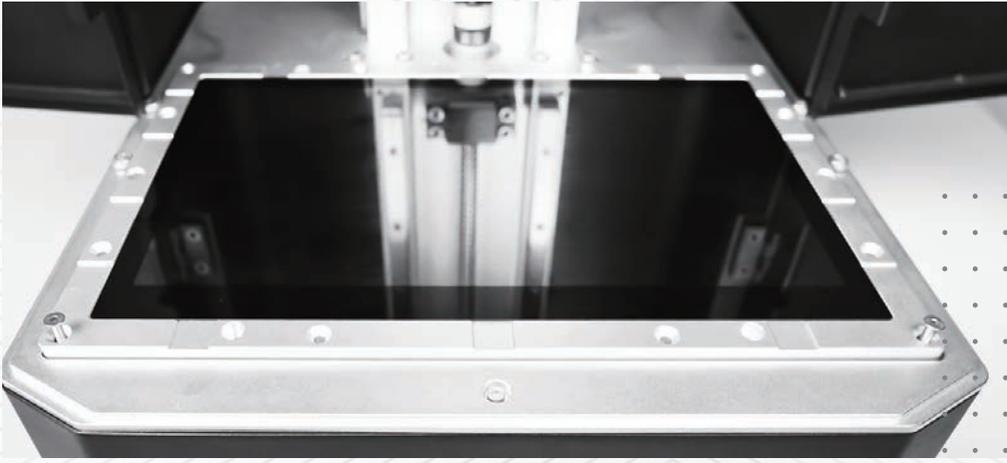
For service providers and factories, it's now possible to batch print and deliver high-accuracy products such as jewelry and replacement parts to customers directly. The printed hair ornament model can be inlaid with diamonds after painting.



## Fast Print Speed

With 4K monochrome screen, the exposure time is reduced to 1/3 compared to other LCD printers.

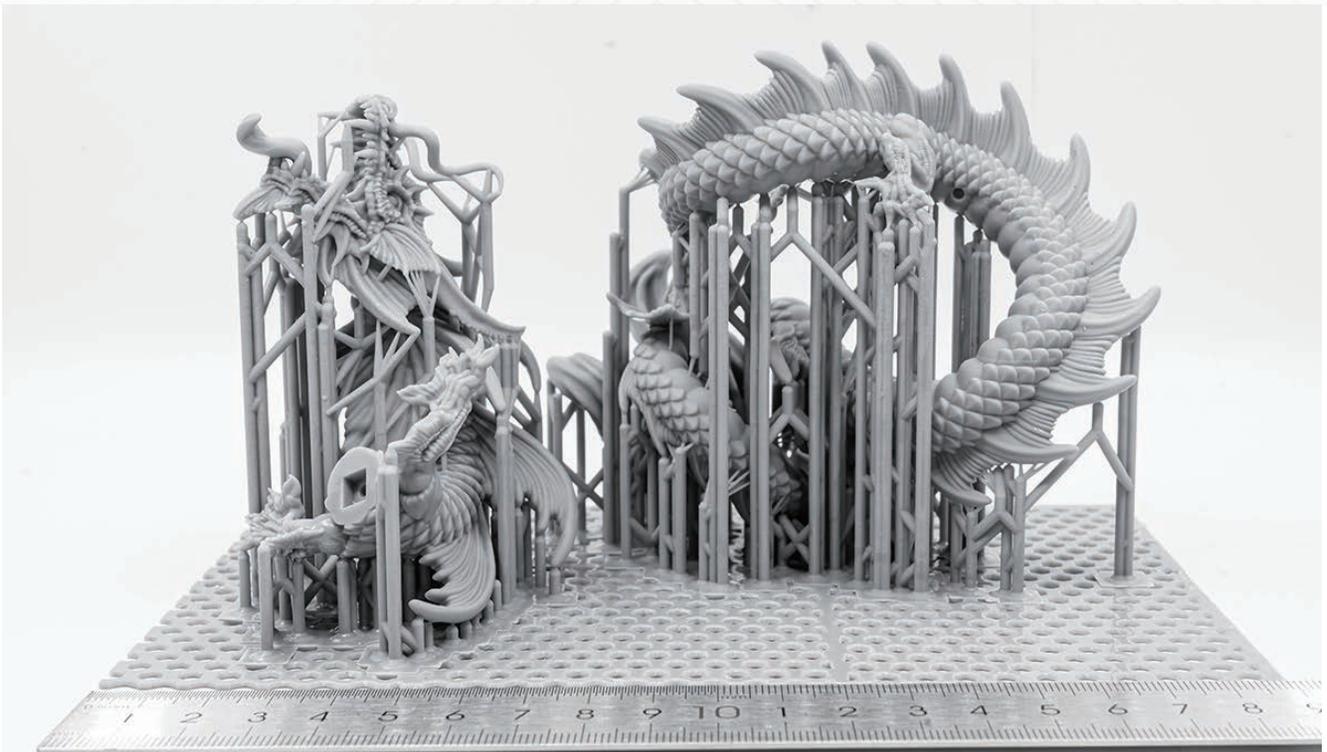
Large-size LCD printer offers industrial designers and makers new possibilities, and improves the production efficiency of service providers and factories. Firstly, compared to similar printers with surface exposure molding technology, the output of full page models is doubled; secondly, compared to other SLA printers with similar size, the printing time is reduced to 1/3 at least.



## Easy Maintenance

The projection screen is designed with a quick disassembling module. To replace the screen, it only takes a few steps to install screws and connect the cables, which is easy and convenient. Compared with layer-by-layer disassembly and assembly of other common equipment, the working time is reduced by 2/3, and users will face less difficulty and risk in screen replacement.

With the specially-treated industrial screen which is resistant to scratch and collision, and equipped with the efficient cooling system Flashforge developed, its probability of heavy damage is brought down by approximately 80%, and its service life is increased by 20%.



## Better Print Experience

Resin includes basic resin, toughened resin and waterwashed resin. Less smell and more easiness when used. Base resin has detailed performance, low shrinkage and is easy to colour.

Toughened resin has impressive texture and low shrinkage, and can be produced in batch. Waterwashed resin has high strength and heat resistance, and is not easy to crack. Environmentally-friendly designed, it can be properly cleaned by water. In addition to being widely applied in prototype design and education, baking varnish can also be applied to beautify the product.

## Parameter

---

Print Speed	10-30 mm/H
Build Volume	292*165*400 mm
Layer Resolution	0.05-0.15 mm (Adjustable)
XY Resolution	76 $\mu$ m
Light Wavelength	405 nm
Z-axis	Industrial grade linear rail
LCD Screen	13.3" Industrial grade 4K Monochrome
Build Platform	Matte Platform With Hole (improving the adhesion of model, easy to drain the liquid under the platform during printing)
Tank Volume	1.8L
Connectivity	USB/Ethernet
Power	150W
Printer Size	380*380*685mm
Operation Screen	4.5 inch touch screen
User-friendly	Easy to replace LCD screen

## Zhejiang Flashforge 3D Technology Co., Ltd.

---

Tel: +86 579 82273989

Web: [www.flashforge.com](http://www.flashforge.com)

Add: 2/F, No.518, Xianyuan Road, Jinhua, Zhejiang, China.