

Xtreme 8K DLP **envisionTEC**

EnvisionTEC's Xtreme 8K DLP is the largest size production-grade DLP 3D-printer in the world. Created by one of the most experienced teams of engineers in 3D printing, this large format 3D printer allows for the production of exceptionally large 3D parts, built at fast speeds without sacrificing surface quality and part accuracy.

The Xtreme 8K DLP uses dual 4K projector DLP technology to quickly 3D print highly accurate parts from STL files regardless of geometric complexity. With a large selection of materials, you will be able to produce high-quality end-use parts for a variety of applications, including industrial and medical items. A heated material vat allows for additional materials with highly desirable properties.

The Xtreme 8K DLP 3D printer is delivered and installed with EnvisionTEC's Envision One RP software for user-friendly automatic generation of supports and perfect model production. The incredible surface finish and precise productivity of this large-format 3D printer makes it one of the most competitive 3D printers on the market today.



Patents Pending

Machine Properties ¹	Xtreme 8K DLP
Build Envelope	450 x 371 x 399 mm (17.72 x 14.61 x 15.71 in.)
Voxel Size XY	150 µm
XY Voxel Size With Enhanced Resolution Module With Pixel Tuning	100 µm
Dynamic Voxel Resolution in Z (material dependent)	100 - 150 µm
Print Speed (material dependent)	Up to 1.5 inches/hour
Warranty	1 year included
Footprint	1420 x 1052 x 2350 mm (55.9 x 41.42 x 92.52 in.)
Weight	499 kg (1100 lbs.)
Electrical Requirements	220 VAC, Three Phase, 20A

System Properties

- Produce everything from concept models to functional parts
- Connect directly to a PC workstation or be integrated into a network for pre-processing of job files and remote monitoring
- The stand-alone PC allows for working independently from pre-processing workstation
- Highest resolution DLP printer with industrial UV engine



¹ Specifications are subject to change without notice

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Five Reasons to Buy the Xtreme 8K DLP

Largest build envelope
DLP 3D Printer in the
World



LED-Based light source
delivering uniform
power at 385nm for up
to 10,000 hours



Industrial quality DLP
projector with highest
custom power 12W
LED light source



Designed for
productivity to run
24/7



Runs all EnvisionTEC
Validated materials,
including those from
EnvisionTEC, as well
Henkel, DSM Somos,
Adaptive3D and more

