



# Bison 1000™ Features

Ceramic DLP Printer



## HARDWARE

Light Engine	405 nm UV LED Pixel size (X/Y) 57 µm Resolution FHD 1920 x 1080 Optimized for high load ceramic materials Adjustable intensity for full range of materials
Build Plate	Build size 110 x 60 x 138mm Layer thickness 25, 50, 100 µm Improved surface for better part adherence
Heated Vat	Reduces resin viscosity Faster print time Accepts high load materials for improved part quality and strength Controllable heat temperature Full liter capacity for full scale printing without adding resin Reduced separation force to facilitate part separation
Vat Film	Increased durability, scratch and tear resistant Reduced cloudiness Easy replacement Affordable
Camera + App	Remote monitoring
Interior Lights	Allows for monitoring print status in dark after hours setting
Memory	USB file loading 22GB HD internal storage Ethernet internet connectivity
LCD Screen	Easy to read large size, 85 x 155mm Fully adjustable print settings, attachments, lift height and speed Rapid file change

## Tethonware

File Format	.stl, .obj, .amf
Supports	Editable shape and structure Multiple view modes for optimal placement
Hollow Shell Part	Reduced material use Improved ceramic sintering Lattice fill supports for hollow print
Hardware G-code	Editable
Shrink Wrap	Model repair, especially good for scanned models
Processing Power	Accepts extremely large Mb files