














B9Creations
Digital Manufacturing Technology

B9 Core 5 Series XL - 405

The B9 Core 5 Series XL - 405 seamlessly integrates additive manufacturing into various fields such as biomedical research, engineering, rapid prototyping, manufacturing, and industrial design, thanks to its impressive effective resolution of <25 microns. This cutting-edge technology offers a digital manufacturing solution that removes the dilemma of sacrificing a larger build area for precision, ensuring both are achieved simultaneously.

 Max Print Dimensions	124.8 x 70.2 x 127 mm
 Print Speeds*	15-85+ mm/hr
 Effective Resolution with FAST™	<25µm
 Native Pixel Resolution	65µm
 Software	B9Create CAM
 Resin Vat	FastVat
 Wavelength	405 nm
 Connectivity	Wi-Fi, Ethernet & USB drive
 Machine Dimensions	267 x 420 x 593 mm
 Manufacturer's Warranty	1-year

 Manufactured and Supported in the USA

*Material, model geometry, and slice thickness dependent



MATERIALS

Scan or click the QR code to access a comprehensive list of B9Creations materials available for this 3D printer.



The B9 Core & Elite Series of 3D printers are open to third-party materials. With B9Captive, a comprehensive material development toolkit, you can fine-tune settings to suit the chemistry of your custom materials and the geometry of your part. This allows you to engineer settings tailored precisely to your application's needs.

Trusted by customers in nearly 70 countries, our high-resolution technology delivers fast, precise results from manufacturing to healthcare. Designed, assembled and supported in the USA, our 3D printers are out of the box and printing in 15 minutes, 5 button pushes & 0 calibrations with real-time 3D printing adjustments that deliver unmatched accuracy with every print, from prototyping to production.