

B9 Core Series 530 & 550

B9Creations was the first to combine high-resolution and affordability in a 3D printer. Now, we've optimized our technology to bring you a 3D printing solution designed unlike any other. The B9 Core Series is the new industry leader in production, speed, & simplicity.

Ease at Your Fingertips

The B9 Core Series uses an integrated system combined with a new user interface to optimize your printing experience. We've also eliminated the complexities of calibrations and tuning so you can spend more time designing & creating.

- Touchscreen and improved software
- WiFi, Ethernet, & USB connectivity
- Push button operation
- New resin vat lasts hundreds of prints
- Wide selection of professional materials



Full Speed Ahead

The B9 Core Series leverages B9Creations patented & patent-pending technology with precision engineering to set a new standard for production speed. Powered by an industrial HD LED light engine, the B9 Core Series is 4 times faster than the industry average with print speeds reaching 100+ mm per hour.

User-friendly

Built-in fume and odor filtration makes the B9 Core Series a fit for office and production environments.

Repeatable Performance

Engineered with industrial-grade components, the B9 Core Series is capable to withstand extensive day-to-day operations. The B9 Core Series can print detailed and duplicate models without loss of its original design. Lean on the proven solutions of B9Creations technology and use the saved time on what really matters – growing your business.

Top Choice for Value

While creating the B9 Core Series, we focused on features that you deemed most important - speed, simplicity, precision and repeatability. These were the foundation of designing a tool you can depend on at a price that fits your business.

We make 3D printing **work for you.**

Available in two configurations, the B9 Core Series is a professional 3D printing solution designed to suite a multitude of applications including jewelry, rapid prototyping, manufacturing, model making, medical devices, and more.

The B9 Core Series 530 & 550 can print at exceptional speeds without sacrificing print resolution or surface quality.

For custom productions, the B9 Core 530 has an average build speed ranging between 20-30 minutes per inch for the full envelope. For large-scale manufacturing, the B9 Core 550 comes with a larger build envelope and has average build speeds ranging between 40-60 minutes per inch for the full envelope, and our new Gray resin even allows you to print rings in as little as 12 minutes. The exceptional speed of the B9 Core Series allows users to print hundreds of models in a typical 8-10 hour work day. Now you can design, print, and cast in the same day.

Machine Properties

| B9 Core Series | | |
|------------------|---|------------------|
| Technical Data | B9 Core 530 | B9 Core 550 |
| PIXEL SIZE X,Y | 30 μ m | 50 μ m |
| BUILD SIZE X,Y,Z | 57.6 x 32.4 x 127 mm | 96 x 54 x 127 mm |
| BUILD SPEED* | 40-120+ mm/hr | 25-100+ mm/hr |
| Z RESOLUTION | 20 μ m* | |
| LIGHT SOURCE | Industrial HD UV LED Light Engine - 405nm | |
| SOFTWARE | Included with lifetime updates | |
| CONNECTIVITY | Wi-Fi, Ethernet & USB drive | |
| SYSTEM SIZE | 597 x 419 x 267mm (23.5 x 16.5 x 10.5") | |
| SYSTEM WEIGHT | 19.5 Kg (43 lbs) | |
| POWER | 12VDC 5A | |
| SUPPORT | 1-year warranty and factory start-up assistance | |

*Material, model geometry, and slice thickness dependent

Choose your Material

| Materials Available | Description |
|---------------------|--|
| B9R Emerald | High-detail investment casting |
| B9R Yellow | High-detail investment casting with cleanest burnout |
| B9R Black | High-detail mold making |
| B9R Gray | Fast-printing design verification |
| Open | 3rd-party resins |



525 University Loop Ste 115
Rapid City, SD USA 57701

www.b9c.com • (605)787-0652 • info@b9c.com