

Bring Ideas To Life

Schools across the country are adopting our ultra-precision digital manufacturing technology to bring breakthrough ideas to life - from the classroom to the lab. 3D printing powers educators to enable experimental, inquiry-based experiences while creating a fun, hands-on learning environment, empowering innovation and creativity, improving and exercising problem-solving skills, and helping students develop and prepare for postgraduation plans. Today, we have earned the trust of educators worldwide through digital solutions that deliver proven results and a payback measured in months.

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Industrial-Grade **Technology**

Engineered with input from industry experts in industrial settings, our ultra-precision, high-speed additive manufacturing solutions enable you to be more innovative than ever before.



Software & Services

FAST™ Technology powered by B9Create gives you the ultimate resolution, surface finish, and accuracy. Leverage our from virtual model to 3D printing service bureau, capable of bringing your ideas to life.



Engineering & Design Resins

With our line of engineering, design, and mold making resins, engineers and manufacturers can move print and prototyping to production runs of thousands seamlessly.

Industrial-Grade Technology

Leveraging patented technology, the B9 Core 5 Series and Ascent Series 3D printers are precise, fast, and easy to use.

- Repeatable performance with 0 calibrations and an industrial light engine
- Print speeds reaching 100+ mm per hour
- Wide selection of design, engineering, and mold-making resins
- Low cost per unit of throughput and resin vats lasting thousands of prints
- · Platform open to third-party materials & custom material development toolkit
- Intuitive print preparation software with job queuing, surface finish, and FAST™ technology
- Scalability with multi-printer management and automated post-processing
- Free, world-class factory startup assistance and lifetime tech support

Education Service & Support Packages

Standard

- Remote Installation
 & Start Up Training
- Training Sessions Each Semester
- · Hot Swap Program
- Print Optimization Workshop

Premium

- Remote Installation & Start Up Training
- 1-year Dedicated Consulting
- Training Sessions Each Semester
- Hot Swap Program
- Print Optimization Workshops
- Master Class (STEM, Entrepreneurship, etc.)
- Intern Prep
- Dedicated Support

Elite

Remote Installation & Start Up Training

B9Creations

- 1-year Dedicated Consulting
- New Hire Training Program
- Hour Training Sessions Each Semester
- Hot Swap Program
- Print Optimization Workshops

"Career and Technical Education (CTE) maximizes student learning with real-work knowledge and skills. Students are provided with challenging academic and technical content, that fosters strong relationships with industry and higher education. CTE courses fulfill high school graduation requirements, allow students to develop leadership skills, earn industry certifications, and dual credit in their fields of interest."

| | B9 Core 530 | B9 Core 550 | B9 Core 5 Series XL 405 or 385 | B9 Core 5 Ascent Series |
|--|-----------------------|-----------------------|-----------------------------------|----------------------------|
| Max Print Dimensions | 57.6 x 32.4 x 127 mm | 96 x 54 x 127 mm | 124.8 x 70.2 x 127 mm | 124.8 x 70.2 x 320 mm |
| Wavelength | 405 nm | 405 nm | 385 or 405 nm | 385 or 405 nm |
| J Print Speeds | 40-120+ mm/hr | 25-100+ mm/hr | 15-85+ mm/hr | 15-85+ mm/hr |
| ⑥ Effective Resolution with FAST™ | <15µm | <25µm | <25µm | <25µm |
| Machine Dimensions | 267 x 420 x 593 mm | | | 267 x 420 x 800 mm |