

June, 2026

High-Performance Laser Systems for Advanced Materials Manufacturing

AdValue Photonics develops laser processing machines engineered for demanding applications involving **glass, ceramics, sapphire, and diamond**. Combining proprietary fiber laser technology with precision motion control, we provide manufacturers with powerful alternatives to traditional processing methods.

Designed for production environments, our machines deliver high throughput, excellent process stability, and consistent feature quality while reducing maintenance requirements and consumable costs.

Key advantages include:

- **Exceptional dimensional accuracy and repeatability**
- **Reduced material breakage and edge defects**
- **Flexible processing of complex geometries**
- **Environmentally friendly operation without water contamination**



Our systems can be configured to meet specific production requirements and material types.

Check out our [YouTube page](#) to see the video of the making of this [multi feature example](#).

AdValue Photonics Overview:

As a leading manufacturer of innovative fiber lasers and amplifiers, and leveraging our unique capabilities in laser glasses and fibers, we deliver groundbreaking products to our customers.

- ◆ [Nanosecond](#) Fiber Lasers at wavelengths 0.5 μ m (Green), 1 μ m, 1.5 μ m, 2 μ m : **EVEREST_{nano}**
- ◆ [Picosecond](#) Fiber Lasers at 0.5 μ m (Green), 1 μ m : **EVEREST_{pico}**
- ◆ [Single-Frequency](#) Lasers (CW and pulsed): 1 μ m, 1.5 μ m, 2 μ m
- ◆ [2 \$\mu\$ m family](#) Lasers and Amplifiers : ns/ps/fs pulsed, single-frequency, CW, broadband
- ◆ Fiber Laser [Components](#) : couplers, isolators, circulators
- ◆ [Laser Machines](#) for material processing: glass, ceramic and diamond

*Manufactured in the Optics Valley,
Tucson, Arizona, USA*