

# ENGINEERED LASER MARKING SOLUTIONS

Beamer Laser Marking Systems will work closely with you to design a custom-built, engineered solution tailored to your specific requirements, ensuring perfect integration into your workflow.



## Powerful Laser Options

Engineered systems can be equipped with a 20W, 50W, or 100W fiber / IR laser, which are ideal for deep or dark metal applications, or with a UV or Ultra-Fast laser, which are ideal for marking difficult materials, including ceramics, plastics, and metals.



### Automated Solutions

The programmable PLC in our laser marking systems allows you to add partial or full automation solutions not only during the initial configuration but also after the machine is integrated into your production environment.



### Hopper Loaders

By automating the loading process, Hopper Loaders eliminate manual intervention and ensure a steady flow of parts with the push of a button, allowing your laser systems to operate at peak efficiency.



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# MAXIMIZE THROUGHPUT WITH AN ENGINEERED SOLUTION



### Machine Vision Systems

Vision systems provide a realtime preview of your part and marking entity, allowing for alignment, barcode reading and grading, part recognition, rotation orientation, and X/Y positional orientation.



## Conveyors And Belts

Conveyors and belts integrate seamlessly with our laser marking machines to streamline material handling, speed up production, and boost throughput. They eliminate manual loading for Fiber/IR parts and enable UV and Ultra-Fast lasers to "mark on the fly".



## Barcode Scanners

After laser marking completion, this feature verifies the barcode marking requirements, ensuring precision and accuracy every time.



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