

**Company:** American Laser Enterprises, LLC

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[www.american-laser-spares.com](http://www.american-laser-spares.com)

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**Sales Office:** Located in the Beck Industrial Business Center, Wixom, Michigan with representatives in regional markets and overseas.

### Company Description:

An engineering company with 30+ years of industry experience and knowledge providing optoelectronic engineering, design and manufacturing services of laser beam delivery components and systems for CO<sub>2</sub>, Nd:YAG, Fiber, and Disc lasers.

### Products:

- \* Cutting Heads with or without height sensing control
- \* Welding Heads
- \* Process Monitoring Solutions
  - A-Las<sup>®</sup> Automated Laser Alignment System (Patent Pending)
  - Spot-It Alignment System
- \* Beam Delivery
  - Beam shuttles
  - Beam benders and splitters
  - Beam collimators
  - Beam trepanners and boring heads
  - Beam scanners
  - Beam diagnostic equipment
  - Circular polarizers
  - Feedback isolators
  - Beam enclosures tubing, bellows, and telescopic tubes
- \* Component Spare Parts
  - Nozzles, Tips, & Insulators
  - Lens, Mirrors, Focusing Mirrors
  - Tip Transformers
  - ArmorDillo™ Sensor Cables
  - Filters & Lubricants

### Principal Applications:

**ALE** components are used in Cutting, Welding, Heat Treating, Drilling, Scribing, Cladding, and Ablation applications for materials such as sheet metal, plastics, fiber, and wood used in manufacturing processes.

### Services Offered:

**ALE** will design, manufacture, and install a system specifically for your application. On-site evaluation of current processes, Application development, CAD drawings of proposed solutions, spare parts and components in-house, repair services

**Number of Employees:** 7 Direct + Contract Labor

### Principle Markets Served:

Aerospace, Automotive, Electronic, Government, Medical Device, Metal Fabrication, Military, O.E.M., Plastics, Scientific, Sign, Wood Fabrication