

CAPABILITY

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 CO2, Nd: YAG, Fiber, and Disc lasers.

Products:

- * Cutting Heads with or without height sensing control
- * Welding & Cladding Heads
- * Process Monitoring Solutions
 - A-Las© 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: 3 Direct + Contract Labor

Principle Markets Served:

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