



Integrated Automation Systems

OUR INTEGRATION CAPABILITIES

INTEGRATED SYSTEMS



MACHINE DESIGN CAPABILITIES

- Structural Design
- Machine Frames
- Vibration Isolation
- Safety Enclosures

PANEL WORK CAPABILITIES

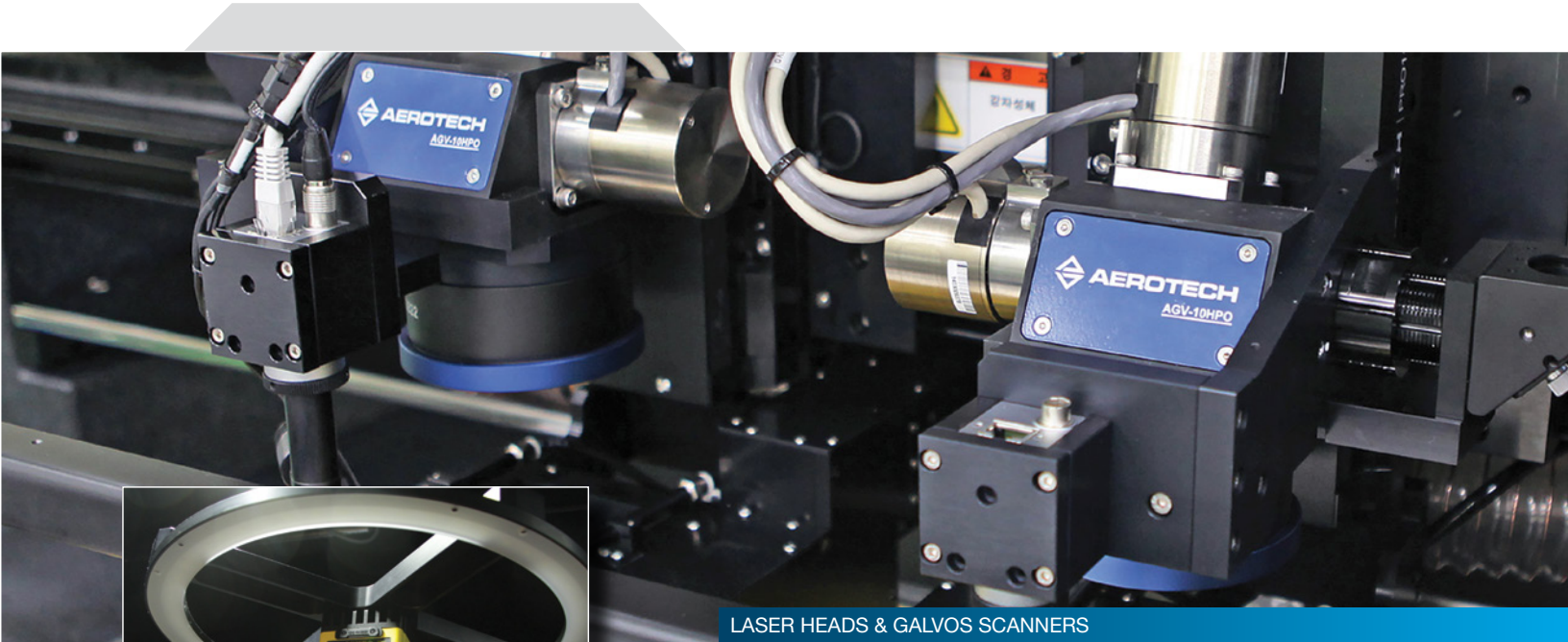
- Electrical
- Pneumatics
- I/O & Safety



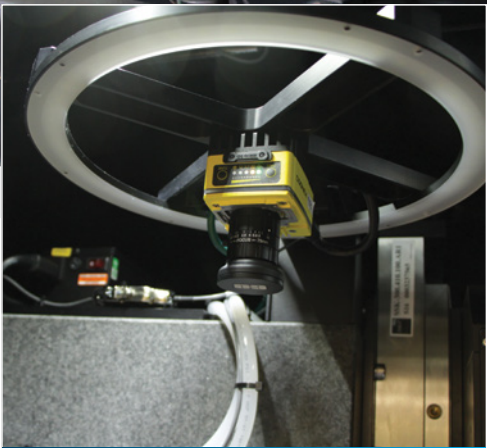
CUSTOM MOTION SYSTEMS

From research to development to production, we can supplement your team in virtually any capacity to accommodate your custom automation system requirements. Whether you lead portions of a build process yourself or you want a complete, turnkey machine, we have the scalable manufacturing capabilities to meet your needs.

OUR APPLICATION & PROCESS TOOL EXPERTISE



LASER HEADS & GALVOS SCANNERS



MACHINE VISION



MICROSCOPES & METROLOGY SENSORS

APPLICATION EXPERTISE

- Laser Processing
- Metrology & Defect Measurement
- Precision Assembly & Dispensing

PROCESS TOOL EXPERIENCE

- Laser Heads & Galvo Scanners
- Microscopes & Metrology Sensors
- Machine Vision
- Dispense Heads

When high-performance motion is at the core of your process, trust the partner with the expertise to get your custom automation system up and running faster and more reliably than the competition. We combine precision application experience, machine design capabilities and process tool acumen to deliver the most advanced automation systems available.

OUR AUTOMATION CAPABILITIES

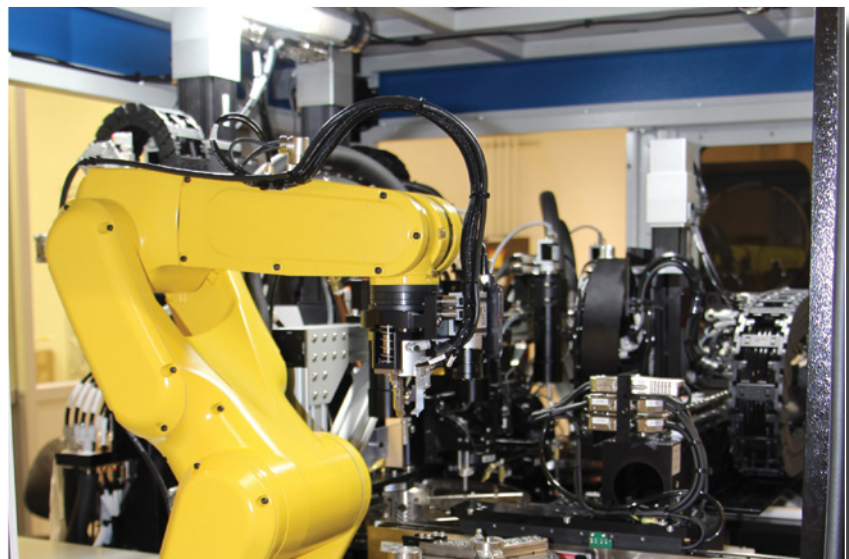


Our application and system engineering experts have decades of experience automating manufacturing and inspection processes across a wide range of industries.

- ◆ **Part Handling**
Robots, conveyors & part trays
- ◆ **Part Registration & Barcode Scanning**
Automatic part programming based on serialization
- ◆ **Machine Vision & Coordinate Initialization**
Cameras, 3D laser scanners & distance sensors for motion initialization
- ◆ **Automated Programmable Routines**
Process & motion programming development by automation experts
- ◆ **Customized Human-Machine & Operator Interfaces**
Software user interface programming & customization

AVAILABLE EXPERT RESOURCES

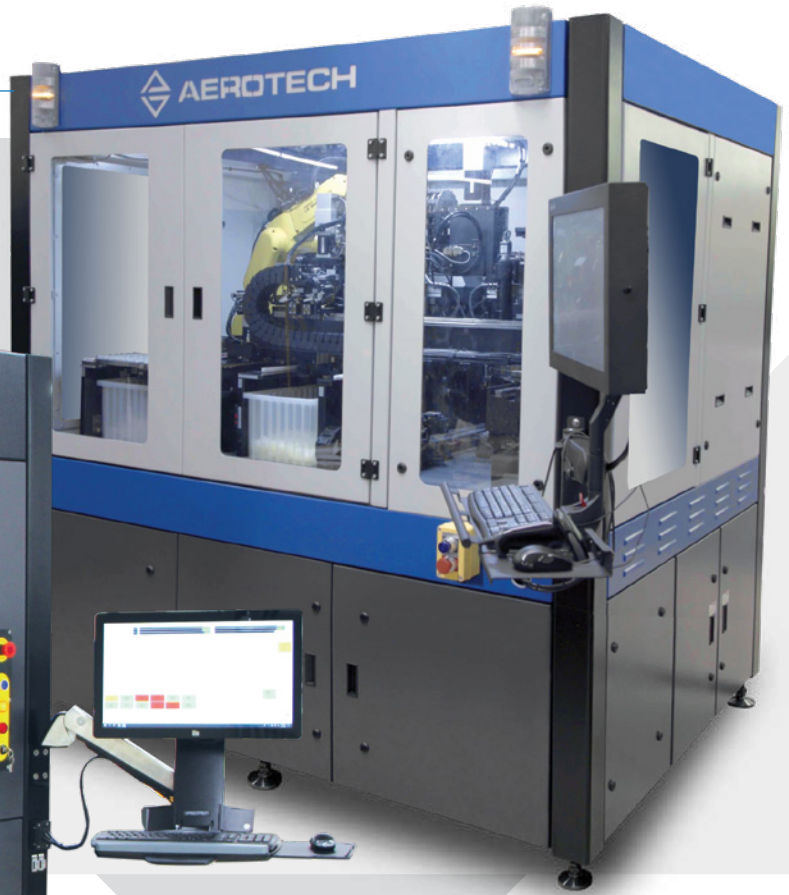
- Project Management
- System Design & Manufacturing Support
- Motion & Application Support
- Software & Automation Programming
- Lab Process Development



SAFETY & MACHINE STANDARDS COMPLIANCE

PRECISION MACHINING AND ASSEMBLY CENTERS

LASER PROCESSING MACHINES



MACHINERY SAFETY PROTOCOLS

We comply with all applicable machine safety protocols including:

- IEC
- ISO
- US FDA & CDRH CFR

ELECTRICAL SAFETY PROTOCOLS

All electrical equipment is designed and tested to satisfy protocols including:

- NFPA
- UL
- CE

LASER SAFETY PROTOCOLS

All laser processing tools comply with and are registered under protocols including:

- IEC
- ISO
- US FDA & CDRH CFR

WHY CHOOSE AEROTECH



SCALE FROM PROTOTYPE TO PRODUCTION

Our integrated automation systems help get your product to market quickly with the throughput and quality that you and your customers require.

SIMPLIFY YOUR SUPPLY CHAIN

As your single-source supplier, we reduce the complexity and cost of moving your process from idea to implementation.

MINIMIZE TECHNICAL RISK

With more than 50 years of experience, we understand – and produce – the many components that must work together seamlessly in your automation system.

SUPPORT WHERE & WHEN YOU NEED IT



GLOBAL RESOURCES

With six full-service locations around the world, technical staff is available in nearly every time zone with local language support. We'll respond to your production team quickly and effectively – wherever they are.

REMOTE & FIELD SERVICE

Our support team is standing by to provide the help you need. Connect with us over the phone, desktop-to-desktop or in person for machine maintenance and servicing.

REMOTE & IN-PERSON TRAINING

We want you to get the most out of our solutions, and we value your time. That's why our training sessions are tailored to your needs, whether they're basic, advanced, in-person or remote.



Worldwide Full-Service Locations

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