Company Overview
Automation Solutions

Robotic Fastening, Dispense and Material Handling

- Screw Driving
- Clip Setting
- Clinching
- Fasteners

- Form-In-Place Gaskets
- Glass Primer Applications
- Structural Bonding
- Mold release application

- Machine Tending
- Case Packing
- Palletizing
- Sorting
Three Rotary Index Dials (12 Stations)
12-Station Rotary Dials for Connector Assembly
Two-Station Processing and Pack-Out
Fastener To Panel Assembly Cell
Automation Stations

Clip Install

Screw Driving

Presses
Fastener Technology Integration
FAI Clip Setter Product Line

Shorter takt times driven by higher capacity, faster reloads, and better position-ability.
Mold-Mate Product Line

Low cost and quick delivery on post-mold robotic assembly cells
Glass Primer Application
Gasket Dispense: Dual Shuttle
Gasket Dispense: Rotary Dial
Gasket Dispense & Plasmatreat
Dispense Technology Integration
Pre-Engineered Robot Cells

Low-Cost, Quick-Delivery, Versatile
Pre-Engineered Workstations

Low-Cost, Quick-Delivery, Versatile

Trunnion w/ Ergo Adjustment

Quick-Change Fixture Cart

Simple Lean Station
Machine To Print Services

» Mastercam CAD/CAM 2D & 3D software
» Vertical Machining Centers
  » HAAS 4-Axis VF2 CNC
  » HAAS TM 2P
  » HAAS MiniMill CNC
» Lathes
  » Southwestern TRAK TR1630 SX
  » Jet 1440-3PGH
  » Hardinge DV59
» Sub-contract EDM, heat-treat, and plating
» First article inspection services
» Laser etched part numbers and 2D barcode
Fabricate To Print Services

» Automation-quality fabrications in short-order and at competitive prices
  • Steel and aluminum bases and stanchions
  • Polycarbonate panels and shrouds
  • Sheet-metal guards, chutes, and enclosures

» ShopBot PRS 3D router
» Welding Equipment
  • Miller CP-302 MIG welder
  • Miller 252 MIG welder
  • Miller Syncrowave TIG welder
  • Lincoln Pro-cut 60 plasma cutter
» Thomas SuperTRAD band saw
» Scotchman CPO 350 chop saw
» Famco Electric shear
» Epoxy-spray and powder-coat painting
Automation Controls Field Services

- Affordable robot, PLC, and vision programming
- Cycle time improvements, quality improvements, optimizations
- Extremely talented staff, provided at competitive rates
History

Turn-key systems integrator since 1983

Fanuc Integrator for 25+ years

Epson Robotic's first integrator in U.S.A.

Decades of vision integration for many brands

Reputation for precise, complex assembly machines

Installations in Mexico, Germany, China, Hungary, Puerto Rico, and Canada

2019 - established business units for Controls Services and Tooling & Fab, separate from System sales.

Climate controlled 24,000 sq.ft. facility
In-House Production & Control

In-House Engineering & Programming

Skilled Mechatronic Assembly Department

Comprehensive Machine Shop

In-House Panel Build
Advanced Manufacturing IT

- **SolidWorks**
  - PDM Vault

- **ShopBot**
  - ShopBot CNC Router

- **EPICOR**
  - Production Management
  - Customer Relationship Management
  - Financial Management
  - Material Management
  - On-Demand Business Architecture
  - Business Intelligence

- **Cloud**
  - Cloud-based back-up to protect your order

- **Mastercam**
  - All details laser marked

- **HAAS**
Diverse Industry Experience

» Automotive
» Commercial
» Industrial
» Medical Device
Flexible Automation, Inc.

Material Handling Solutions – Seth Warfield, swarfield@flexautoinc.com

Fastener Solutions – Dan Yoder, dyoder@flexautoinc.com

Dispense Solutions – Andy Osterholzer, aosterholzer@flexautoinc.com

Custom Machines – Evan McMurray, emcmurray@flexautoinc.com

Tooling and Fabrications – Ron Hetherington, rhetherington@flexautoinc.com

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Mission Statement

Facilitate rewarding careers in advanced manufacturing for our customers and our employees.

Vision Statement

Provide world-class fastening, dispense, and material handling automation around the globe.

FAI Values

» Action Oriented
» Professionalism
» Accountability
» Team Player