



Applied Technologies & Resources, Inc.

587 McCormick Dr. - Unit B
Lapeer, MI 48446
Ph: (810)667-9524 Fax: (810)667-7575
www.appliedtri.com

Solutions For Manufacturing's Toughest Problems



Automation & Assembly Solutions

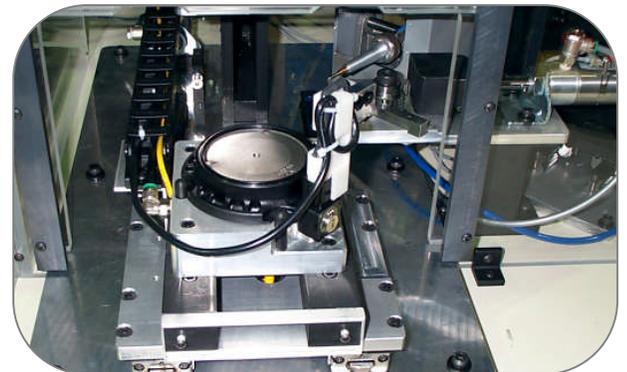
We can help you with manufacturing efficiency and productivity improvements, ultimately lowering your operating costs. Saving your company time and money by providing you with the best built turnkey machinery .

About Us

Founded in 1992, Applied Technologies & Resources, Inc. has been providing innovative and quality custom automation to automotive and consumer manufacturers. We understand the machine development process and have 17 years experience building equipment that meets or exceeds our customer requirements. Understanding your project objectives allows us to suggest the right solutions to meet your financial goals.

Why Choose Applied Technologies

- ✓ **Quality**
From basic fixtures to complex machines, we hold the highest standard of quality. Chamfering and rounding machined components down to the appearance of our welds. Machine function and aesthetics are of most importance.
- ✓ **Lower Machine Cost**
We can save you 5% to 30% on every machine. With low overhead, finely tuned design techniques and working closely with our suppliers, we can produce a machine with the same specifications as our competitors for a lower cost.
- ✓ **Innovative Thinking**
We are continually developing and looking for new technology to address complicated problems. If it is a simple problem, we use a simple solution.



*Porsche Metallic Gel Motor Mount
Pressure, Leak and Electrical Test*



*Mustang Roof Glass Panel
Robotic Work Cell Glass Crowder and Bracket
Urethane Wet Out*



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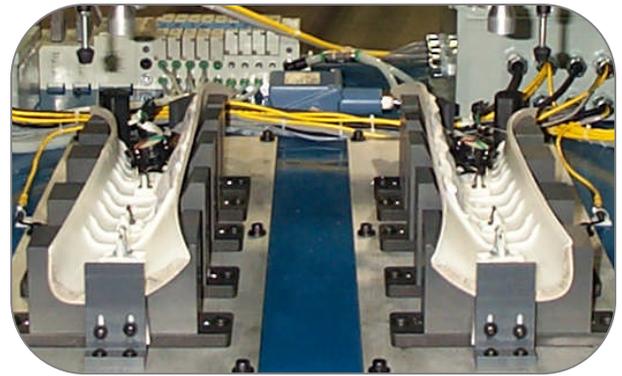
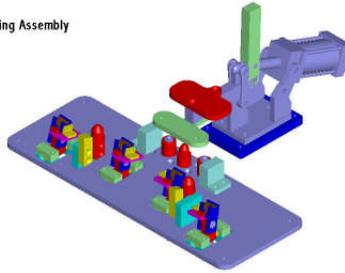
Changing The Way Automation Is Done

Our Capabilities

We are a complete solution provider. Your project will go through design, machining, fabrication, electrical, programming and tryout for your approval. Every aspect of your project is completed at our facility.

- Degating**
- Clip Driving**
- Hot Air Cold Staking**
- Ultrasonic Welding**
- Screw Installation**
- Riveting and Mandrill Collection**
- Data Acquisition**
- Custom Component Assembly**
- Part Verification and Inspection**
- Function Testing**

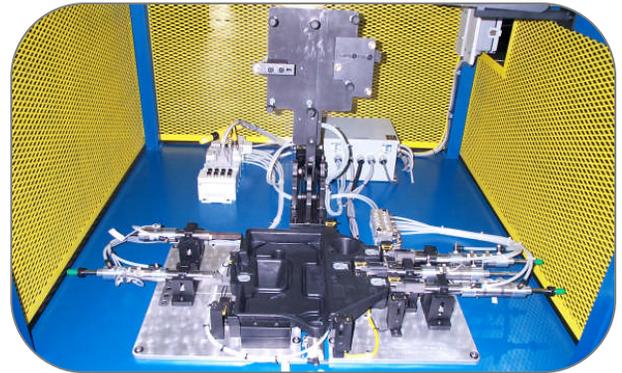
Tooling Assembly



*Ford A Pillar And Speaker
Clip Installation, Hot Air Cold Stake*

Base/Cube™ System

The Base/Cube™ System provides the latest modular lean manufacturing technology. Our patented system separates capital equipment from your customers assembly equipment. Bases contain the expensive controls and safety equipment required for all equipment. Cubes are the function or the contact part of the machine unique to each assembly operation. All Bases will work with any Cube. Cubes are stackable to free up valuable floor space. The Base/Cube™ System can save you more than \$15,000 on every machine.



*Battery Tray
Install Clips and Degate Part
Base/Cube™ System*

Intell X16™

Assembly Location Verification System

Since fastener installation verification is one of the most challenging and costly parts of the assembly process, we have designed the Intell X16™ to error proof the operator assembly process. It features a unique location feedback system that can force assembly order or just verify fastener location at the time it is qualified. Through this method we can guarantee the correct installation of every fastener in the correct order without physically detecting the fastener. This removes the need for further part inspection reducing labor and additional machine costs.



*Overhead DVD Bracket
Install 10 Rivets and Verify Components
Intell X16™ Position Feedback*