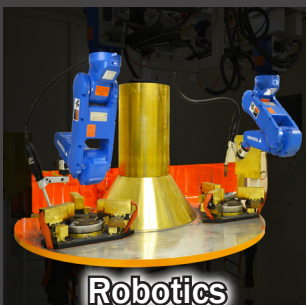
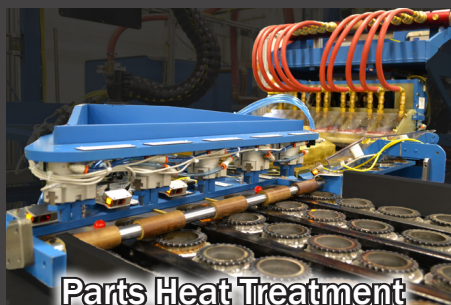




Parts Production



Robotics



Parts Heat Treatment



Vision Systems

# AUTOMATED ASSEMBLY SOLUTIONS FOR EVERY INDUSTRY

[www.taylor-winfield.com/assembly-systems](http://www.taylor-winfield.com/assembly-systems)

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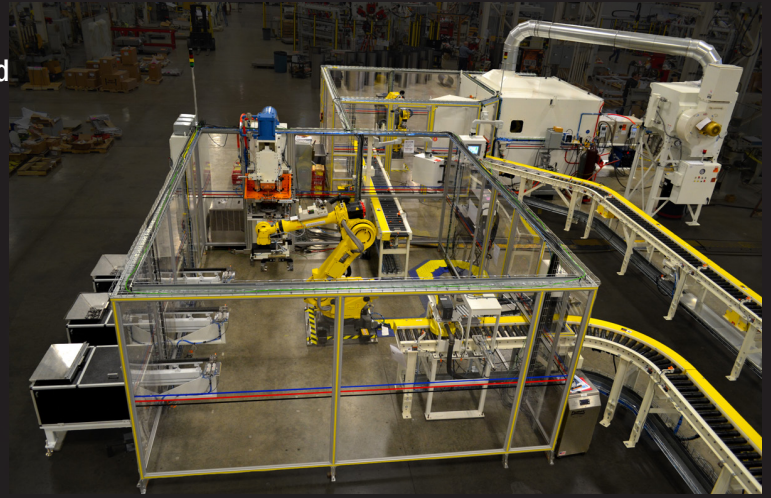
## Designed For Your Production Needs... For Your Success!

Taylor-Winfield designs, engineers, builds, tests and qualifies automated part production machines and processing lines for any size part, assembly or sub-assembly. We are staffed with in-house mechanical, electrical, software and controls engineers who use the most modern machine design software programs to produce the best machines to meet and exceed customer expectations. From a single purpose machine to multiple stations integrated with various part assembly functions, we provide complete processes to produce high quality production parts efficiently and reliably.

### Custom Designed Systems

All machines and assembly systems are designed & integrated with today's latest technologies & built to unique customer requirements that can include:

- Welding processes
- Induction heat treatment & brazing
- Robotic parts handling
- Automatic and/or manual parts feeding
- Vision positioning and identification
- Data logging and acquisition
- Laser Marking
- High speed screw and nut fastening
- Clinching, rivets and/or adhesive bonding
- Adhesive monitoring & application

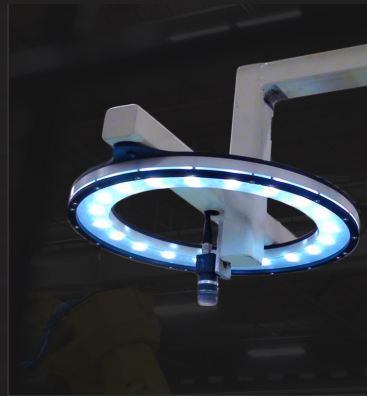
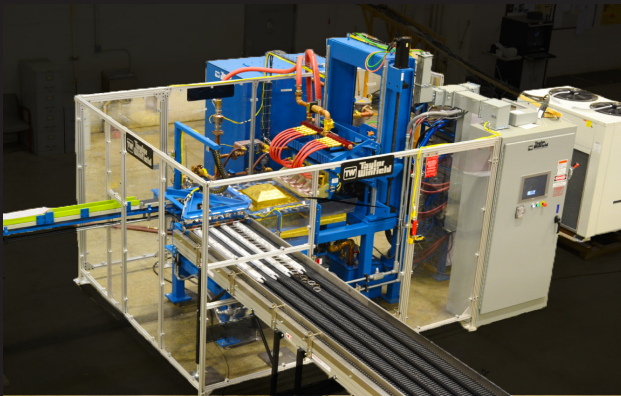


### Quality Tests

- PPAP
- CPK
- Vision system quality verification
- Other quality control processes required

### Diagnostics

- Statistical Process Control (SPC)
  - Time stamp
  - Event detectors
- Data logger, reporting & trending
- Network interface and alarming



Every system is custom designed, engineered and built to meet the production volume and quality requirements of your assembly needs.

With a legacy dating to 1882 and over 52,000 machines supplied worldwide, customers who have trusted us come from industries ranging from agriculture, automotive, consumer goods, electronics, and nuclear to defense related contracting companies and many more. We supply systems for manufacturing all types of electrical and electronic subassemblies, vehicle transmission and other transportation parts, sporting goods (firearms), construction hardware, medical equipment and defense related products to name a few.

***"Our Customer's Success Is Our Success"***

For More Information:

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Visit our website: [www.taylor-winfield.com](http://www.taylor-winfield.com)



Automated Assembly • ARC Welding Systems • Vision System Integration • Induction Heating • Resistance Welding