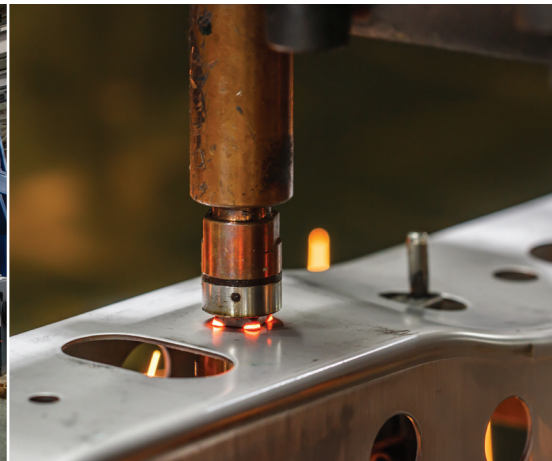
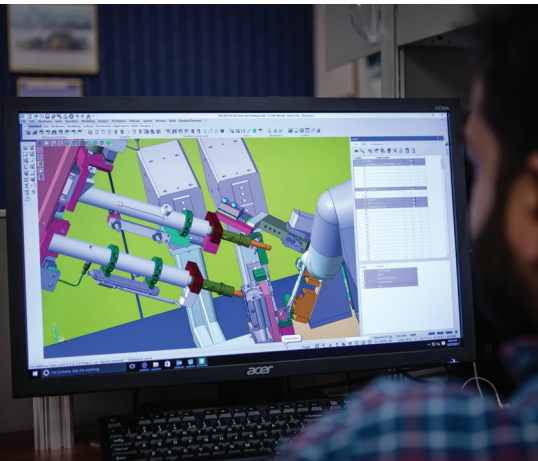


# TAILORED MANUFACTURING SYSTEMS



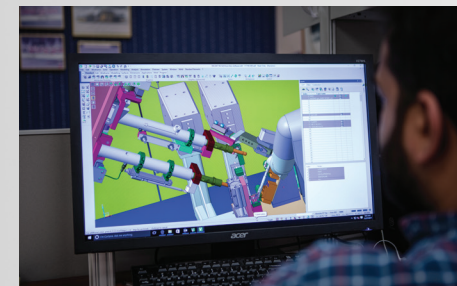
**CENTURY  
AUTOMATION**  
A TOOLING TECH GROUP COMPANY

# Custom and Turnkey Automation to Streamline Your Manufacturing

Century Automation specializes in automating secondary manufacturing processes in the molded parts industry. We design, engineer, fabricate, build, commission and provide ongoing service for a variety of post-mold manufacturing solutions including cooling jigs and fixtures, bond and drill fixtures, trim dies and automated assembly.



From operator-assist systems to full material handling and tending, our manufacturing systems are tailored to meet each customer's individual need, streamlining your operations for improved productivity while enhancing product quality.



To ensure the optimal solution, we begin by gaining a clear understanding of what you need to achieve in terms of a finished component or process. From there, our team of engineers then develops a manufacturing solution to best meet these requirements.



## INTEGRATOR OF WIDE-RANGING TECHNOLOGIES

At Century, we take pride in our experience across a diverse array of leading processing technologies, allowing us to design and build custom automated solutions that deliver top quality and accuracy. Our depth of knowledge means that you can rest assured in the fact that you'll get the most innovative system for your unique needs.

### Component Joining from Metals to Composites

Across multiple industries, Century is experienced developing systems for part-joining production. We combine the right technologies – including welding, bonding, fastening and lamination – to manufacture high-quality parts within customer requirements.

### Post-Molding and Finishing Operations

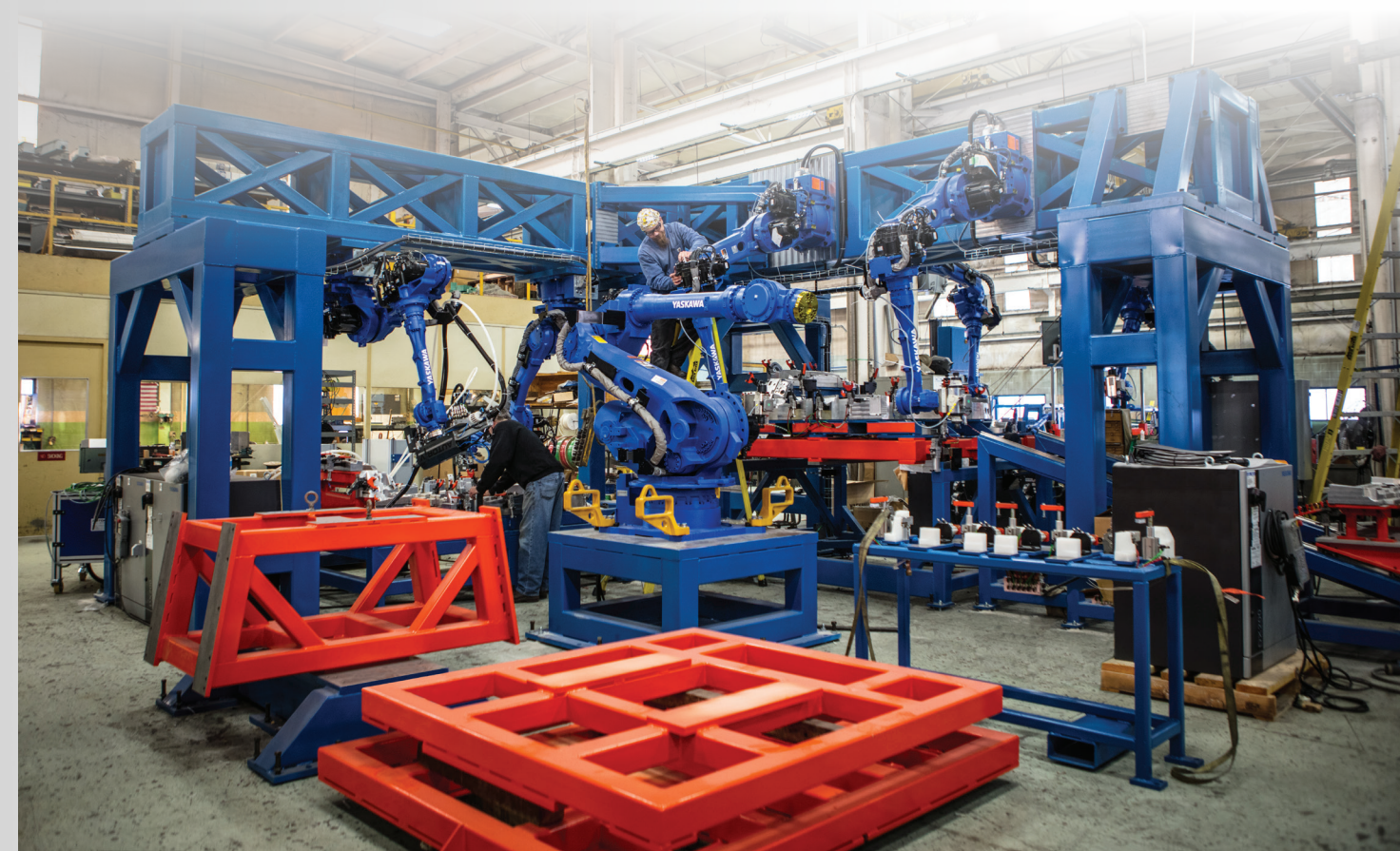
From manual load to robot-tended systems, we can provide solutions that streamline a variety of secondary processes including drill and route, de-gating and de-flashing, and trim and punch.

### Foam Molds

In addition to our secondary automation experience, our team also can design and build precision tooling for polyurethane foam molding applications.

### Secondary Automated Solutions for:

- Assembly
- Bonding
- De-Flashing
- De-Gating
- Drilling
- Fastening
- Foam Application
- Lamination
- Quality Checks
- Punching
- Trimming
- Welding
- As well as Jigs and Fixtures



## INDUSTRY APPLICATIONS

### Automotive

Century Automation has built secondary systems for many composite structure vehicles on the road today. These systems range from a drill, route and joining cell to a



floor bonding station to a weld check cell, and more. Once the primary manufacturing of a component is completed, Century can be relied upon to streamline the next process with custom automation.

### Heavy Truck

With the emphasis on lightweighting, using composite structures for heavy truck body panel components continues to grow. Century Automation is experienced in providing solutions



for the joining and assembly of these components, developing systems such as a single cycle bonding station.



## COMPANY OVERVIEW

Century Automation, formerly TTG Automation, was founded in 1985 and provides secondary tooling for composite molded assemblies as well as assembly equipment and automated systems for applications such as bonding, spot welding, drilling and fastening. Located in Temperance, Mich., the company was purchased in 2018 by Tooling Tech Group (TTG), expanded to 59,000 sq. ft. and became part of the company's Automation Division.

Tooling Tech Group builds custom automated systems for assembly, joining and inspection as well as tooling for a variety of applications including thermoform molding, high compression composite molding, blow molding, rotational molding, die casting, and stamping. Industries served include automotive, appliance, lawn and garden, agricultural, aerospace, marine, and off-road vehicle industries, among others. Through organic growth and acquisitions, the company has become the largest tooling provider in the United States with 650+ employees, 13 modern facilities and over 1 million square feet of manufacturing space across four states.

The depth and breadth of our capabilities is achieved through the combined experience of our company units, with each of these companies being in business for 30+ years, providing both extensive industry experience and financial stability that you can rely upon. Our unique differentiator is the ability to provide all tooling services from design to engineering to simulation to machining to fabrication to try-out all within one company. This single source ability can help to streamline your business operations and simplify your life. We take full responsibility for quality, delivery, and cost management of each project starting at concept through "on time, every time" delivery.



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