

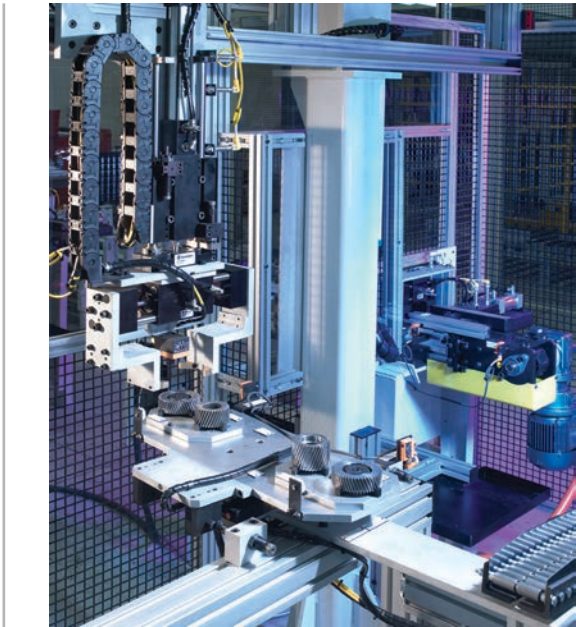
Our custom, automated machine tending solutions enable quicker cycle time for whatever your application.

PROBLEM

Manual loading and unloading of parts by operators has its issues - including wasted time, risks to employee safety and ergonomic difficulties, leading to reduced production efficiency.

SOLUTION

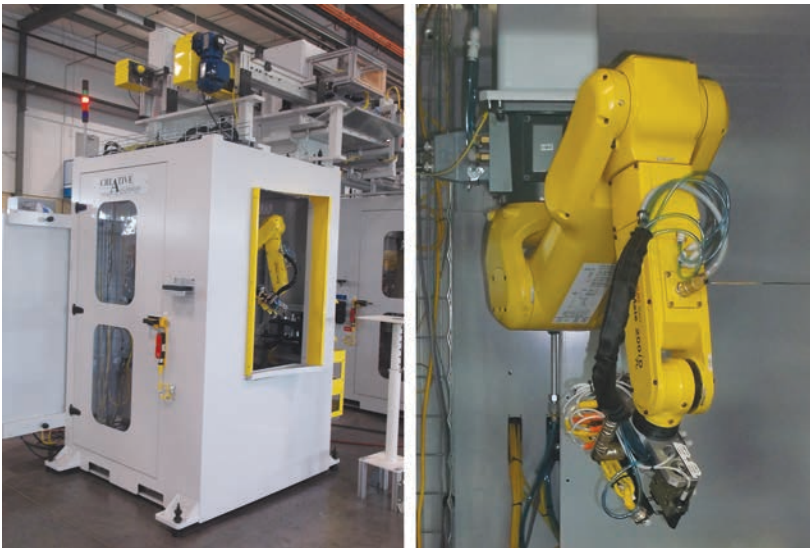
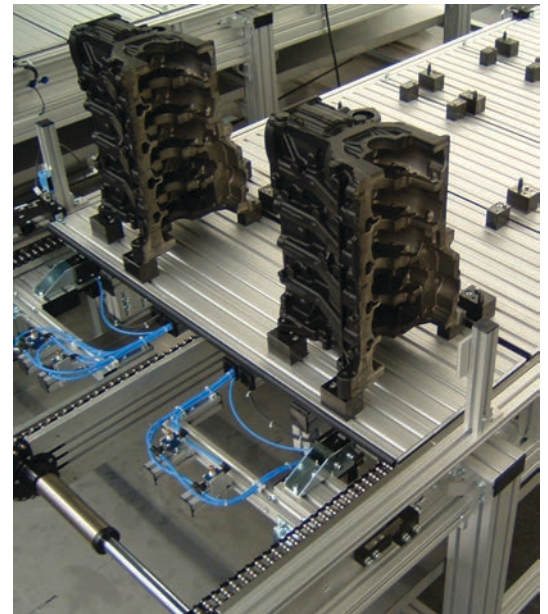
When machine tending and the cell-to-cell transfer of parts are effectively automated, manufacturing efficiency sky rockets. At its most basic, a robot can feed a single part into a single machine. More complex cells incorporate multiple machines handling families of parts. Besides the traditional robot in a cage, new technologies create an ever increasing number of options. Collaborative robots can be cage free and are suitable for a number of applications. Robots with vision guidance are even more flexible, allowing operations to be more agile.



OUR EXPERTISE

Creative Automation excels integrating multiple machines using robotic automation to move the parts between multiple operations. We are experts at interfacing with different machines and designing cells for maximum efficiency. Our ingenious systems work so well because we coordinate with the customer, the end user, and multiple machine vendors to provide a complete solution.

Our experience spans from simple cells to large complex lines with over 25 distinct operations with a family of part types, and our customers run the gamut – from small shops to large factories. Each cell designed to be safe, efficient, and reliable. We can design systems to handle parts as part of larger manufacturing process that feeds parts in and out of the cell, or individual cells can operate unattended for a period of time (30-120 mins typical). We can also provide automation to move the parts from cell to cell. In addition, many secondary systems such as markers, gauges, and testers can also be incorporated into the cell.



INDUSTRIES SERVED

- Automotive OEMs
- Tier 1 Suppliers
- Truck Part Suppliers
- Aerospace
- Other Manufacturing

BENEFITS

- Reduce cycle time
- Reduce space usage
- Increase quality
- Reduce man power
- Increase cost savings

How could an improved machine tending process advance your business and improve your bottom line?

TALK TO THE EXPERTS AT CREATIVE AUTOMATION TO FIND OUT.

