

# Global automotive manufacturer seeks controls retrofit



**Solution Partner:** GCH Tool (Warren, MI / USA)\*

**Customer:** Detroit / USA

**Segment:** Automotive

## Requirements of the customer:

- GCH Tool was approached by a global automotive manufacturer who sought to update the controls from an outdated Cincinnati controller to a Siemens 840D controller on one of its Cincinnati 480EC plunge grinders. The customer also required that the entire machine be rebuilt to OEM standards and that an automation module (robot) be added.
- Improved machine performance and reliability were recognized as a necessity by the customer as the cost of downtime in the automotive industry is enormous.

Learn more about control retrofits

<http://bit.ly/1TnOPfp>

\*Through its CNC Link service division.

## Short description of the solution

Possessing many years of experience, the GCH Tool team was called upon to retrofit new controls on a Cincinnati 480EC plunge grinder used by a major automotive manufacturer. GCH Tool was also charged with rebuilding the machine to OEM standards.



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## Implementation by the Solution Partner:

- Upgrading the machine's electrical controls would allow the customer to enjoy increased levels of efficiency and productivity – *and the most recent technological improvements* – at less than 30% of the cost of a new machine.
- As a Siemens Solution Partner, GCH Tool\* was able to offer Siemens controls known for their flexibility, compatibility and innovation.

## Benefits for the customer:

- Improved machine productivity
- Easier machine programming
- Better part finish
- Extended machine life
- Lower energy costs
- Faster part processing time

