

# Large Scale Conveyor Control

## Challenge

John Henry Foster Company was contacted to design an electronic control system to control a large conveyor system. The system is used for just-in-time production assembly, supplying parts to the operators for placement on vehicles.

## Goals

- Design system to meet automotive specification
- Provide parts as needed to meet just-in-time delivery requirements
- Easy system installation

## System Features

- Allen Bradley SLC PLC
- Allen Bradley Panelview Plus Operator Interface
- NEMA style motor controls and protection
- Separate rated lighting and control transformers
- Ungrounded control system
- Safety rated floor mats for operator access

## Project Successes

- Completed within budget and within schedule
- On-site installation assistance provided by JHF

**"This was the first system we have ever installed that worked the first time on power!"**

-Maintenance Technician

