



# ATI CAST PRODUCTS INTERMEDIATE ROBOT AND CONVEYOR SYSTEM PROJECT



**CLIENT**  
ATI



**LOCATION**  
Albany, OR



**TIMELINE**  
January 2015 –  
October 2015



**DIVISION**  
Controls &  
Engineering



**VALUE**  
\$3,155,000

## OVERVIEW

In January of 2015, Olsson Industrial Electric served as general contractor for the Intermediate Robot and Conveyor project installed at ATI Cast Products/Pacific Cast Technologies in Albany, Oregon. Olsson's Engineering personnel provided several services to facilitate the project. This included overall project management and coordination of 5 subcontractors to design and deliver subsystems (robot, conveyor, structural support for conveyor, and building modification) for installation at the ATI site. Olsson also provided electrical engineering design, panel build, electrical install, and software development for project.

## SCOPE

- Provided overall design concept to increase investment casting line productivity
- Designed storage and transfer conveyor to move parts from one cell to another
- Used an intermediate robot to move parts through a production process
- Conveyor provided multiple hook storage locations for part transfer and drying from one cell to another
- Designed and built drying tunnel (forest of 200+ fans) around conveyor to provide drying airflow on each part in storage

## HIGHLIGHTS

- Zero safety incidents while working in an active casting facility
- Completed project on time and met production goals