



**Location**

Gaffney, South Carolina, USA

**Project Type**

Expansion of Existing Facilities and Addition of a New Chassis Assembly Line

**Annual Volume**

18,000 Units (Rolling Chassis)

**Total Investment**

\$20 Million

**Global Performance Role**

Conceptual Engineering  
Industrial Engineering  
Equipment Engineering  
Architectural/Engineering  
General Contracting

**Project Highlights**

Global Performance employees led a lump-sum design-build project which increased Freightliner Custom Chassis' Gaffney, South Carolina facilities by 50% and added a new chassis assembly line. New facilities and equipment included the following.

- Additions to the assembly plant to make room for the new assembly line
- New chassis assembly line
- New facility for final process and testing of completed chassis and prototype build
- New facility for loading of completed chassis for shipping
- New tank farm for fluid fill
- Additions to office space
- New parking, roadways, and other site work
- Other miscellaneous facility modifications and additions

Services provided on the project included the following.

- Industrial Engineering      Planning for overall plant layout to optimize material and process flow
- Phasing Planning              Planning for the step-by-step modifications and rearrangements necessary to transition from the existing layout to the planned layout without interrupting ongoing production
- Architectural/Facilities Engineering      Design of all buildings, facilities, site work, and equipment for the project
- General Contracting              Contracting of all material, labor, and equipment necessary for the project and management of all construction activities with respect to cost, quality, schedule, and safety