



## International Europe

**Client**  
ALCOA GmbH

**Location**  
Soest, Germany



## ALCOA GmbH Automobile Structures and Technology Aluminum Automotive Spaceframe Components Plant

### Project Description

CH2M HILL Lockwood Green provided engineering services for the expansion of ALCOA's plant in Soest, Germany. This 150,000 sf aluminum automotive components plant was designed to produce state-of-the-art spaceframe assemblies for more than 100,000 cars annually. Services Provided include:

- Conceptual design
- Facility planning
- Industrial process engineering
- Process utilities design
- Casting, extrusion, and assembly areas equipment arrangements
- Coordination of equipment suppliers

### Program Elements

- Combining extensive industrial process engineering expertise with German parent company Philipp Holzmann's centuries of design and construction experience was ideal for this German plant expansion.
- Improving process layout and total facility planning optimized production and materials handling.

### Features

This world class facility features state of the art systems for aluminum casting, extruding, and assembling. This was one of the first plants to produce aluminum spaceframe components for the automotive industry.