

Automatic Load Spout Positioning System

Location: Union Bridge, Maryland

Technology: Siemens S7

Purchaser: Lehigh Cement

Purchase Value: > \$30,000

REFERENCE

Project Description

Lehigh Cement Company was founded in 1897 in Allentown, Pennsylvania, and over the years has become one of the leading suppliers of cements and construction materials in the United States and Canada.

To speed up the loading process of trucks and train containers INP equipped the Lehigh facility in Union Bridge, Maryland, with two Automatic Loading Spout Positioning Systems (ALPS).

The ALPS can be used for the automatic positioning of loading spouts in bulk loading distribution terminals. It uses Imaging Processing Hardware and Software to scan the surface of a truck or a train cement container vessel to find the open hatch. The system can be configured for stand-alone operation or can be integrated into any standard control system via Profibus. The level of integration into the existing system is at the customer's discretion.



INP Scope

- Assembly and delivery of hardware
- Installation supervision
- Commissioning