

SHIP LOADER UPGRADE - BOOM

Alpart, Jamaica (Kaiser Aluminum)



Enco provided the design and supply of a spare boom for ALPART's existing ship loader at Port Kaiser Jamaica. The existing ship loader handles alumina at a rate of 1000 tph. The new boom incorporates design modifications to improve access and maintenance and utilizes a telescoping airslide conveyor providing 45' of travel with a total reach, outboard of fender line, of 65'. The boom has luffing capabilities and is constructed of structural grade aluminum. This project was delivered in March 1998.

Design engineering and equipment supplied for ship loader upgrade

- Structural analysis of existing gantry and new boom.
- Aluminum boom
- Telescoping air slide conveyor