

TELESCOPIC CHUTES WITH SLEWING & TRIMMER

Krupp Robins of Greenwood Village, Colorado received the award for supplying a petroleum coke handling system including a portal reclaimer, conveyors and a shiploader for a refining company in the Caribbean. They selected **PEBCO**[®] as manufacturer and supplier for the shiploading chutes for this petroleum coke handling facility. **PEBCO**[®] is a *leading producer* of bulk material handling gates, valves and loading systems.

Three (3) Telescopic Chute assemblies were designed, manufactured, and shipped for loading 2,000 metric tons per hour of petroleum coke (weighing 55 pcf) from a conveyor belt into Panamax Class Vessels. Severe coastal environment was a factor for concern in selecting components for this equipment.

Petroleum coke is classified as very abrasive by CEMA standards; therefore the chute sections were constructed with abrasion resistant steel tubes. A special organic zinc primer with epoxy paint was used due to the environmental condition. The extended length requirement for each chute assembly was 58 feet. Special slewing mechanisms with electrically operated tilt trimming spoons were required to meet customer specifications, allowing drop-through loading without removal of the spoons.

PEBCO[®]'s capabilities range from application engineering, CAD design, manufacturing, start-up services, and a complete customer support program. **PEBCO**[®]'s engineering team treats each application individually and custom tailors 80 percent of products to exacting customer specifications.

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