



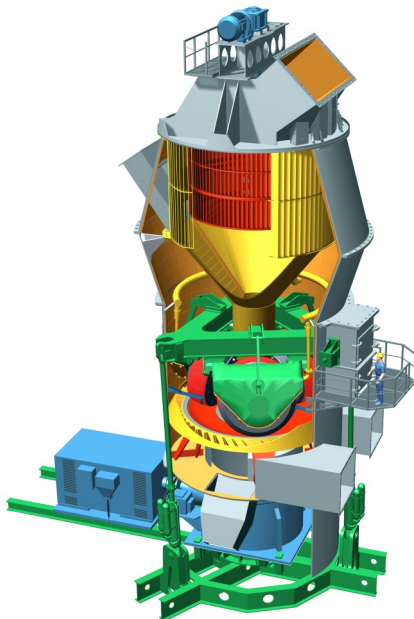
GEBR. PFEIFFER INC.
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PROJECT PROFILE

Swing Mill Solution



Cementos San Marcos S.A. Cobo Lloreda Plant, Colombia



Gebr. Pfeiffer MPS Vertical Roller Mill for Clinker

Cementos San Marcos S.A.

Plant/Location: Cobo Lloreda Plant/Cali, Colombia

Year: 2009

Industry: Cement

Materials: Clinker/Limestone

Equipment: MPS 2500 BC Swing Mill

Mtph: 63mtph Raw Material/37mtph Clinker

Kw: 900

Scope of Services

Engineering design and installation of the MPS 2500 BC Vertical Roller Mill with SLS 2250 BC Classifier.

Challenge

As a newly established company in the cement industry, Cementos San Marcos wanted to keep the initial investment costs at a minimum while allowing the plant to later expand capacity, to meet market demands.

Solution

The unique advantage of the MPS Swing Mill is that it can alternately grind both raw material and clinker using the same vertical roller mill. This feature allows Cementos San Marcos to increase plant efficiency while reducing their overall mill investment costs by providing them with the ability to grind different types of raw materials and clinker, interchangeably, depending on their changing needs.

Results

The plant saved money on their initial investment by utilizing the MPS Swing Mill solution. They can add a second mill when the market demands will support that investment. The plant will also save on transportation costs, giving them a competitive advantage, due to the close proximity of the new plant and the existing limestone and derivatives quarry. The project will generate approximately 210 direct jobs with an estimated production capacity of 200 thousand tons per year.