

# Polysius - Guatemala,

and naturally Vietnam, all countries in which Polysius is present with new orders and commissioning of plants.

**Polysius constructs the biggest cement plant in Guatemala**

**Turnkey: 4,500 tpd cement production line**

**Guatemala City / Guatemala**

Cementos Progreso has signed a contract with Polysius for the turnkey construction of a 4,500 tpd cement production line in Guatemala. What will be the country's largest cement production line is to be built, from the quarry to the loading station, in the province of San Juan Sacatepéquez, about 31 kilometres from the capital of Guatemala City.

The Polysius main components are: a 2 x 25,000 t limestone/clay longitudinal blending bed, a QUADROPOL® roller mill for 375 tph raw meal output, a 10,500 t raw meal silo, the kiln system consisting of 2-string, 5-stage DOPOL® '90 preheater with PREPOL®-CC-MS, a POLRO® rotary kiln and POLYTRACK® clinker cooler, a



**Large picture and Fig. 1**  
6,000 tpd cement production line  
for Thang Long Cement Company  
in Vietnam.

**Fig. 2** POLRO® rotary kiln.

**Fig. 3** Circular blending bed for  
limestone blending and storage.

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# Morocco, India...

40,000 t clinker silo, a 2 x 15,000 t longitudinal stockpile for additives, the cement grinding plant with two QUADROPOL® roller mills for up to 220 tph, depending on cement type, four cement silos, a 15,000 t longitudinal coal store and a 25 tph petcoke grinding plant (ball mill with SEPOL® separator).

A POLAB® system will take care of quality assurance while a POLCID® NT master process control system will be used for plant control.

## Two 3,600 tpd cement production lines for Morocco

### Casablanca/Morocco

The sustained building boom in Morocco is stimulating investment in the cement industry. Ciments de l'Atlas SA, Morocco has signed two contracts with Polysius for the construction of two completely identical 3,600 tpd cement plants (from the crushing plant to the loading station). The plants are to be built at different locations, Ben Ahmed and Beni Mellal (south of Casablanca), about 150 km apart.

The main components will be: a 1,200 tph limestone crusher, an online analyser, a 41,000 t circular blending bed, a longitudinal stockpile for

additives, a roller mill for 300 tph of raw meal, a 21 tph petcoke/coal grinding plant with air-swept mill and SEPOL® separator, and an 11,000 t tangential blending silo. The kiln system will consist of a 5-stage, 2-string DOPOL® '90 preheater with PREPOL®-AS-CC, the rotary kiln and a POLYTRACK® clinker cooler. A clinker store and two cement grinding plants (both for 125 tph) round off the plants.

The cement grinding plant in Ben Ahmed is due to commence operations in spring 2010 and the two kiln lines will then be successively started up.

## 4,500 tpd kiln plant for India

### Gujarat/India

The Indian company Nirma Ltd. has decided to construct a new 4,500 tpd cement factory in Padhiarka in the state of Gujarat. Polysius is to supply and commission the kiln plant.

The plant is to be equipped with a tangential blending silo for 15,000 t of raw meal, a 6-stage, 2-string DOPOL® '90 preheater with PREPOL-AS-MS calciner, a rotary kiln 65 m in length and a POLYTRACK® clinker cooler.



## Polysius news

The new 6,000 tpd cement production plant of Thang Long Cement on the bay of Halong will soon not only be supplying cement for the north of Vietnam, but also cement clinker for the south. This is connected with the construction of a cement grinding plant, also from Polysius, in Ho Chi Minh City. At the beginning of November 2008, commissioning work is due to commence at the cement plant on the bay of Halong.

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