

Economical,

...resource-saving –
machines, processes and plants
from Polysius.

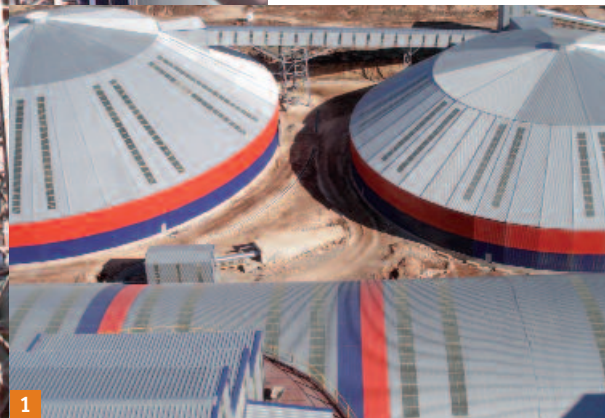
Good operating experience, together with significantly decreased energy-requirement and resultant cost reductions, have motivated more factory owners to invest in grinding plants with POLYCOM® high-pressure grinding rolls. Cement manufacturers in Peru and India have awarded Polysius follow-up orders for POLYCOM® grinding plants.

Two raw material and cement grinding plants for Peru

Lima / Peru

Polysius has received two orders from Peru for raw material and cement grinding plants equipped with POLYCOM® high-pressure grinding rolls.

For the raw grinding plant at the Cementos Lima S.A cement factory Polysius is to supply a POLYCOM® and a SEPOL® high-efficiency separa-



Large photo Cimko Cimento's 7,500 tpd cement production line in Turkey.

Fig. 1 Circular and longitudinal blending beds in the Cimko Cimento cement plant.

Fig. 2 POLYCOM® high-pressure grinding roll for the cement grinding.

Fig. 3 SEPOL®-HR high-efficiency separator in a grinding plant with POLYCOM® high-pressure grinding roll at Vasavadatta Cement/India.

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tor for a raw meal production rate of 275 tph. The cement grinding plant with POLYCOM® and SEPOL® separator will produce 110 tph of cement.

Cementos Andino S.A. has also ordered POLYCOM® grinding plants: A POLYCOM® and a SEPOL®-HR separator for the production of 141 tph of raw meal and a POLYCOM® and SEPOL® with a rated output of 105 tph of cement.

New raw material and cement grinding plant for India

Hyderabad / India

Due to the highly successful production startup of the grinding plants in 2007, Vasavadatta Cement Prop. Kesoram Industries Ltd. has awarded Polysius a follow-up order for new raw material and cement grinding plants.

The static-dynamic separator SEPOL®-HR, which was specially developed for POLYCOM® grinding systems, will again be installed in both these plants.

The raw grinding plant is to include a POLYCOM® high-pressure grinding roll, a SEPOL® HR separator and a recirculating bucket elevator. The plant has a rated output of 275 tph of raw meal.

The cement grinding plant, a combi-grinding system, consists of the following main components: POLYCOM® high-pressure grinding roll, SEPOL®-HR high-efficiency separator and a single-compartment mill with a 4,000 kW COMBI-FLEX® drive and SEPOL® high-efficiency separator with four collection cyclones. It will produce 225 tonnes of cement per hour.

7,000 tpd kiln line for Bulgaria

Devnya / Bulgaria

Devnya Cement A.D., Bulgarian Subsidiary of Italcementi Group and the biggest cement producer in the Country, has contracted Polysius to supply a kiln line for 7,000 tonnes of clinker per day.

The new line is to be constructed in Devnya, about 30 km from the Black Sea port of Varna and is scheduled to commence operations in early 2010.

Polysius will supply a 2-string, 5-stage DOPOL® '90 preheater with PREPOL®-AS-CC calcining system and SNCR process, as well as a POLRO® rotary kiln with electro-mechanical drive and a POLYTRACK® clinker cooler with roll crusher.



Polysius news

In partnership with Polysius, Cimko Cimento ve Beton San. Tic. A.S. constructed a 7,500 tpd cement production line on a green field site about 35 km north of Gaziantep in Turkey.

Commissioning of the new plant commenced in February 2008. For this cement production line, Polysius supplied the main components from the raw material preparation system to the cement and coal grinding plants.

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