

Engineering made

New economic cement plants for tomorrow's world.

Largest clinker production line in the Ukraine

Kamenets-Podilsky / Ukraine

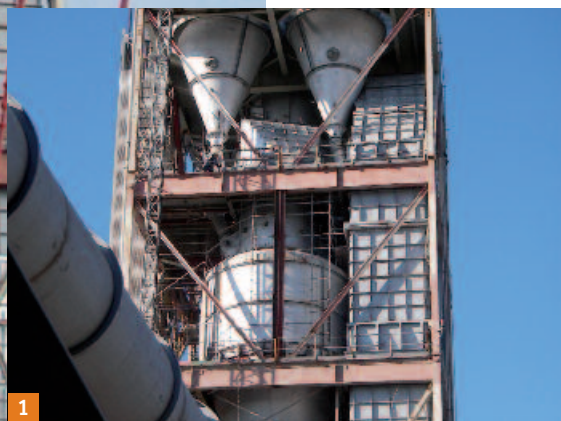
Podilsky Cement (a member of the Irish CRH Group) has decided to build the Ukraine's largest clinker production line.

At the location of the cement plant in Kamenets-Podilsky, the new line will be built with state-of-the-art components, from the raw material preparation to the clinker production system. The Polysius scope of supply includes a clay crusher, a circular blending bed, three online analysers, a QUADROPOL® roller mill, and a tangential blending silo, as well as the kiln plant consisting of DOPOL® preheater with PREPOL® MSC calciner, rotary kiln and POLYTRACK® clinker cooler.

7,200 tpd cement clinker production line for Pakistan

Jhang Bahtar / Pakistan

Polysius has been contracted by the Fauji Cement Company Ltd. to supply a new clinker



Large photo Installation of the topmost cyclone stage of a DOPOL® preheater in Spain.

Fig. 1 The completely assembled DOPOL® preheater.

Fig. 2 Group photo after signing the contract with Fauji Cement in Vienna.

Fig. 3 Multi-cell silo with 9 cells at the TXI plant in California, USA.

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production line with an output of 7,200 t of clinker per day. This is a project of Fauji Foundation and is going to be the largest cement plant in Pakistan.

Due to the great demand for cement in Pakistan and the neighbouring countries, the Pakistani company decided to extend its Jhang Bahtar plant (located about 40 km west of Islamabad) by adding a second production line.

The main components of this plant are: a 2,000 tph limestone and clay crushing plant, a 51,000 t limestone and clay blending bed, a raw material grinding plant with a 560 tph roller mill, a 25,000 m³ tangential blending silo, a DOPOL® '90 preheater with PREPOL®-AS calciner, a POLRO® rotary kiln, a POLYTRACK® clinker cooler, the clinker conveying equipment and an 80,000 t clinker silo, as well as a coal grinding plant with 50 tph roller mill.

2,700 tpd kiln line for Mexico Municipio de Apazapan / Mexico

Cementos Moctezuma S.A. de C.V. is to build a new 2,700 tpd kiln line in partnership with Polysius at a new location in Municipio de Apazapan in the Mexican state of Vera Cruz. The line will

include a 5-stage DOPOL® '90 preheater with PREPOL®-AS calcining system and a POLRO® rotary kiln.

3,500 tpd cement clinker production line for Texas New Braunfels, Texas / USA

Texas Industries Inc. (TXI), the biggest cement producer in Texas, has contracted Polysius to extend the TXI Hunter factory in New Braunfels by adding a complete, state-of-the-art 3,500 tpd production line.

The scope of supply will include: a circular blending bed for 36,000 t of limestone, a raw grinding plant with a 300 tph QUADROPOL® roller mill, a 9-pack multi-cell silo, the kiln system consisting of a DOPOL® '90 with PREPOL® precalciner and bypass system, a POLRO® rotary kiln with clinkering zone burner and a POLYTRACK® clinker cooler. The 180 tph cement grinding plant will include a two-compartment mill with two 4,250 kW COMBIFLEX® drives, a SEPOL® high-efficiency separator and two cement coolers. A 20 tph roller mill will be used for coal grinding.

The new plant will be controlled and monitored by the POLCID® NT master process control system.



Polysius news

In Oro Grande, California, on the legendary Route 66, commissioning of TXI's new 6,000 stpd cement production line commenced at the beginning of 2008.

From the raw material preparation to the cement and coal grinding systems, the new line is equipped with state-of-the-art components from Polysius.

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