

150 Years Engineering

In 2009, Polysius celebrates its 150th year of existence – as a global player traditionally committed to innovation.

Systematic and far-sighted development of new products and processes in order to provide future-oriented answers to the questions of our time was, is and will remain the credo of our company:

Just one example for innovative and proven cutting edge technology from Polysius: the POLYTRACK® – a clinker cooler incorporating latest-state-of-the-art technology. Due to its convincing characteristics, this cooler – first introduced to the market in 2003 – is conquering a new piece of the world every day. Meanwhile, the POLYTRACK® is in successful application in 28 countries, and now an order for 7 units has been received from a Chinese firm ...

Success story of the POLYTRACK® clinker cooler continues in China

Anhui Conch Cement Company, China's biggest cement producer and technological leader, is



Large photo New, unconventional solutions are the basis for the sophisticated clinker transport mechanism.

Fig. 1 Manufacturing of POLYTRACK® modules for a 7,000 tpd cooler.

Fig. 2 POLYTRACK® clinker cooler with intermediate roll crusher in Honduras.

Fig. 3 Assembly of a POLYTRACK® in Malaysia.

Fig. 4 A creative conversion solution, successfully implemented in Hungary despite the extremely small available space.

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maintaining its expansion course and has chosen 7 POLYTRACK® clinker coolers for its new investment projects.

Anhui Conch Cement awarded Polysius the first two orders in December 2008 and confirmed its confidence in this cooler by ordering 5 more POLYTRACK® configurations in May 2009.

7 clinker coolers placed in China within 6 months

The new POLYTRACK® coolers, equipped with intermediate roll crushers and designed for throughput capacities of 5,000 and 5,500 tpd, are due to enter service as early as 2010 (extremely short delivery times have been agreed) in the provinces of Guizhou, Jiangxi, Zhejiang and Anhui.

And then bring all their characteristic advantages into play ...

An overview of the POLYTRACK® highlights:

- extremely low overall height due to the horizontal type of construction
- the installation of an intermediate crusher is possible despite the low overall height

- as there are no grate riddlings, conveying equipment for riddlings is unnecessary
- optimum transverse distribution of the clinker and uniform, effective cooling
- very high conveying efficiency
- outstanding thermal efficiency
- consistent modular construction
- flexible adaptation to any kiln size
- preassembly in the workshop minimises the installation and commissioning times
- low-wear, easy to maintain design provides outstanding availability
- low capital cost and operating expenses.

POLYTRACK® commences operation in modernised kiln line in Hungary

At the Beremend plant of Duna Drava Cement (a member company of HeidelbergCement and Schwenk Zement) in Southern Hungary, the kiln line whose clinker output was raised by Polysius from 1,500 to 3,450 tonnes per day has started production.

In addition to numerous modernisation measures, such as a new 4-stage DOPOL® preheater with PREPOL®-MSC, a POLYTRACK® clinker cooler was installed.



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