

LOESCHE Mills (Shanghai) builds a sandstone grinding plant for Jiangxi Yadong Cement Co., Ltd.



Photo of similar LOESCHE mill

Quick and compact - LOESCHE Mills (Shanghai) builds a sandstone grinding plant for Jiangxi Yadong Cement Co., Ltd.

Ruichang – The Ruichang Subsidiary of Jiangxi Yadong Cement Co., Ltd. has two cement production plants in Matou Town, Ruichang City, China.

With the necessity of larger capacities to be produced, Yadong decided to build a separate grinding system for sandstone in one of the cement plants.

In May 2015, LOESCHE Mills (Shanghai) (LMM) has been invited to bid for the sandstone grinding system and finally has been awarded to build a compact grinding plant for sandstone with an LM 46.3.

With respect to the specific characteristics of the sandstone and in order to achieve the target of reducing power consumption, LMM incorporated innovative ideas into the conventional vertical roller mill grinding technology and process: Additional equipment installed in this plant is the patented high efficiency Hurriclone® cyclone. It effectively reduces system pressure drops and saves specific power consumption. The use of Hurriclone® cyclones minimizes the size of the bag house and reduces both energy consumption and initial construction investment.

The combination of Hurriclone® cyclones and LOESCHE LOMA® heater (hot gas generator) allows a very compact plant design that requires substantially less space.

**PRESS-
RELEASE**

PR 0603 Jiaxing Yadong

Düsseldorf

14/09/2016

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The coal-fired inline LOESCHE LOMA® heater provides the heat for drying. The heater is of high combustion efficiency and responds quickly to operational changes. It effectively satisfies the drying demands of the grinding process and can be put into operation by simply pressing a start-button.

The compact plant design keeps the connections between the equipment at minimal length and height.

The vertical roller mill is based on the LOESCHE modular design. A capacity of 180 t/h which is above requirement is guaranteed. Moreover, the solution presented by LMM reduces specific power consumption drastically.

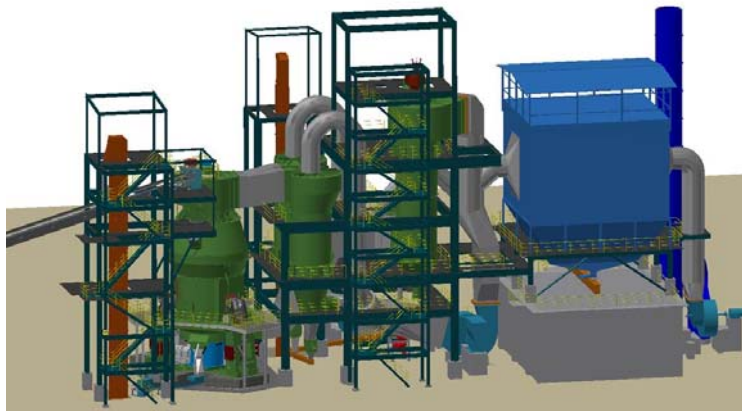
After signing the contract, it took only 3 months and 10 days to complete construction and cold commissioning.

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LOESCHE compact grinding plant

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