

Press Release

Grenzebach Maschinenbau GmbH

Albanusstraße 1-5
86663 Asbach-Bäumenheim /Hamlar
Phone: +49 906 982-2000
Fax: +49 906 982-2108
e-mail: info@grenzebach.com
www.grenzebach.com

Hans Lingl Anlagenbau und Verfahrenstechnik GmbH & Co. KG

Nordstraße 2, D-86381 Krumbach
Telefon: +49 (0)82 82/825-0, Fax: +49 (0)82 82/825-510
Mail: lingl@lingl.com, Info: www.lingl.com



Exclusive Co-operation in the Field of Brick Filling Installations

Grenzebach and LINGL Agree on Know-How Cooperation

Grenzebach and LINGL entered into a co-operation in the field of brick filling installations. From now on both partners will jointly offer the technological systems for filling wall bricks with small mineral wool cubes. LINGL; being a market-leading supplier of machinery and plants with a detailed market knowledge in the global heavy clay industry will offer the complete range from the design up to the commissioning of the plant. Grenzebach, one of the leading suppliers of handling, machining and automation technology, developed the fully automatic system for filling bricks with small mineral wool cubes. Apart from providing access to the market LINGL will supply the brick conveying systems for the filling installations, and in doing so the interfaces are clearly defined.

In the year 2007 Grenzebach, in co-operation with Ziegelwerk Bellenberg in Southern Germany, had already developed a system for filling bricks with mineral wool pads and filed a patent for it. After having realized some projects together, Grenzebach and LINGL decided to enter into an official co-operation in the field of the brick filling technology. The high degree of customer orientation and the commitment to technical capability of the two companies form the basis for this co-operation which now has

been formally sealed. With this step LINGL expands its product portfolio and is able to serve its customers with a broadened spectrum of brick filling systems.

The foundation for the co-operative and successful teamwork between the two companies was laid in 2007 when the contract for co-operation between LINGL and Grenzebach China was concluded.

Plant Description

Some of the main characteristics of the system for filling bricks with small mineral wool cubes are the solid technology which ensures a high degree of plant availability and the minimal maintenance requirements. It is possible to operate the plant on a semi-automatic or a fully-automatic basis. The space requirement is comparatively low so that the brick filling installation can easily be integrated into existing production lines.

For filling the bricks the mineral wool slabs are fed into the line and sawed lengthwise and crosswise to the cube size required for the brick perforation. The sawing of the accurately fitting small mineral wool cubes is determined by the hole pattern of the bricks to be filled. The mineral wool cubes are positioned for being filled into the bricks in the required number, the correct position and the appropriate distance between each other. Contrary to other solutions the damageable mineral wool cubes are safely conveyed in special channels to the filling position in the system. Several prepared bricks are filled within one cycle. The filling of the bricks can either be carried out by portal pusher or robot, depending on the customer's demand. The design and performance level of the system is tailored to the customer's requirements, allowing for various configurations. The filled brick presents very good thermal transmittance values and an improved sound protection, making additional heat insulation unnecessary.

Features like the reasonably priced plant technology, its compact size and simple operability characterize this outstanding technology proven by the number of successfully realized plants. The individual modular plant variants as well as the high plant availability are further striking arguments for this filling technology.

Captions

Karl Hertle, Grenzebach und Frank Appel, Lingl
Wiest, Bellenberg, Germany 2008

Further information

Hans Lingl Anlagenbau und Verfahrenstechnik GmbH & Co. KG

Nordstraße 2

D-86381 Krumbach

Frank Appel

Phone: +49 (0)82 82/825-0

E-Mail: f.appel@lingl.com

Info: www.lingl.com

Grenzebach Maschinenbau GmbH

Albanusstraße 1-5

D-86663 Asbach-Bäumenheim/Hamlar

Karl Hertle

Phone: +49 (0)9 06/9 82-2279

E-mail: karl.hertle@grenzebach.com

Info: www.grenzebach.com