

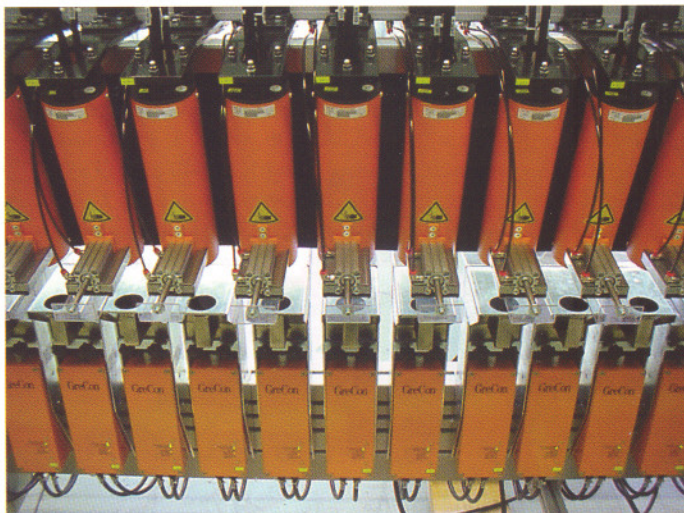
Safety Systems at Lesdrevmash 2006

During the exhibition Lesdrevmash 2006 GreCon will present in hall 2 pavilion 2 booth no. 22C34 the complete range of Measuring and Safety systems for the wood and wood-based panel industry.

One Highlight will be the GreCon Bond Quality Measuring System UPU 3000ct which optimizes production processes by reducing safety reserves. The bond quality of a wood based panel is one of the most important features for its performance capability. If the pressing process cannot generate a sufficient cohesion between the individual wood particles or fibers, there will be delaminations, so-called blisters, which make the panel unusable. The avoidance of such blisters through corresponding safety reserves for the involved process parameters is, however, more and more unjustifiable, looked at from an economical point of view.

The UPU 3000 is not only able to reliably identify blisters, but also to represent the entire spectrum of the bond quality. This is possible by permanently penetrating

High inspection density, automatic calibration



the pressed panel with ultrasound signals directly after the press outlet. Depending on the cohesion of the chips or fibers with the hardened glue, the ultrasound is transferred through the panel to the receiver at different levels. This cohesion directly reflects the bond quality.

With the measured values being available very early, defective panels can be immediately sorted out of the production process on the one hand, and individual process parameters be adjusted on the other hand, and thus the entire production process be optimized. In this way, safety reserves that used to be necessary can be minimized. Different

continuous production lines for markets in Asia and Europe has contributed to further strengthen their position.

From 2007, Kronospan will operate a THDF line in Hungary which is designed for very high speeds. The production of the thin fiber-boards requires special care with regard to protecting the steel belt and board handling behind the press. Before the end of 2006, Dieffenbacher will supply a second THDF line (8' x 23,8 m) to Siam Fiberboard.

In the third quarter of 2006, the manufacturer will supply a forming and press line

visualization instruments developed by GreCon permanently inform the press operator about production reserves or exceedings of tolerance limits in a very simple way. To guarantee the reliability of the measured values, regular calibrations of the measuring system are imperative. Through the equipment of the UPU 3000 with a newly developed, so-called ct measuring frame, calibration is now possible at any time without interruption of the production process.

Calibrations, but also maintenance, diagnostics and even repairs can now be carried out at any time during running production by moving the divided ct measuring frame sideways out of the production line. In this way, reliable measured values as well as permanent system availability can be ensured.

A further interesting feature of this system construction is the possibility of a lateral escape run which is triggered when big blisters occur and which prevents possible damage to the measuring system.

For more information please quote **Key No. 62032**

with a single-daylight press (8' x 72') to KTI (Kutai Timber Indonesia). It will include one (1) fiber sifter supplied by Schenkmann-Piel-Engineering GmbH. Other two particleboard lines are part of a larger scope of delivery and include continuous presses with the 8' x 20 m format. Both lines will be delivered by the end of 2006.

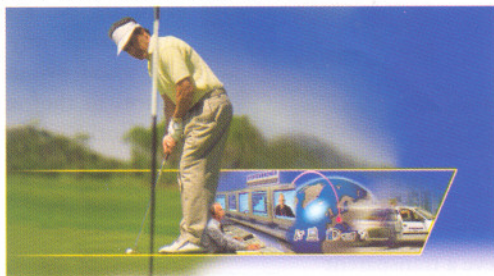
This summer, the company will deliver a complete, new-type and state-of-the-art continuous production line for OSB and OSL boards to Ainsworth, Grande Prairie, Canada.

For more information please quote **Key No. 62031**

New Orders For Wood-Based Panel Lines

From September 2005 to March 2006, Dieffenbacher finalized eight new orders for modern production lines to manufacture different types of wood-based panels. This confirms their excellent position on the international market and these new orders will keep the Dieffenbacher workshops busy for most of 2007.

These confirmed orders reflect the broad capability they have when it comes to the economical production of various types of high quality wood-based panels using state-of-the-art technology. In particular, the supply of



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