

JULY 2014 • \$5

PanelWorld

VENEER • PLYWOOD • COMPOSITES • ENGINEERED WOOD PRODUCTS • LAMINATES



HUBER STACKS DECK WITH SAFETY

Secure Your Free PW Subscription

ALSO IN THIS ISSUE:

- IWF COMING UP
- PAVATEX IN FRANCE
- ONE TAKE ON MDI

renew online today: panelworldmag.com

HOT COATING



Even standard melamine coated panels can have a high quality, high gloss surface quite simply and cost effectively—without intensive pretreatment such as sanding, simply off the shelf and into the HotCoating line. The result: a high gloss surface in the high end sector with impressive surface smoothness and depth effect. Kleiberit's HotCoating technology provides excellent adhesion to melamine sur-

faces. Even texturing melamine surfaces is not an issue in the HotCoating process.

The best results concerning the feel and scratch resistance with an economical cost/benefit calculation along with a sustainable processing technology in comparison to standard lacquer processes are all compelling arguments.

Kleiberit products have become market leaders. In its modern laboratories, experienced, innovative and highly qualified chemists develop high quality products in accordance to customer requirements. Emphasis is placed on the development of environmentally friendly and ecologically clean adhesives.

The combination of inbound quality control, production quality control and constant product development ensures that customers will only receive quality products. Visit kleiberit.com.

2958

RAIL SHEAR TESTER

The Model 840 Rail Shear Tester is the newest test equipment from Metriguard, especially suited for testing I-joist web stock. The Model 840 provides a simple, efficient way to test edgewise shear strength in panels to simulate shear stress in wood I-joist web members.

Testing panel specimens with Metriguard's Rail Shear Tester is quick, easy and safe, eliminating the need for tedious and time-consuming drilling and bolting of test rail fixtures as detailed in ASTM D1037. Ongoing shear tests can be done for web stock evaluation for ASTM D5055 Standard Specification for Establishing and Monitoring Structural Capacities of Prefabricated Wood I-Joists.

Operation of the system through a touchscreen monitor, keyboard or mouse is simple. A single test specimen is dropped into the Model 840 jaw assembly. The operator-initiated test sequence engages protective guards, clamps the specimen top and bottom to a pre-set force and applies shear force until failure occurs. Load at which a specimen fails (shears) is recorded into an SQL database accessible by multiple analytic software tools. After a test is completed, the specimen drops out of the jaw assembly, the loading door lock is disengaged

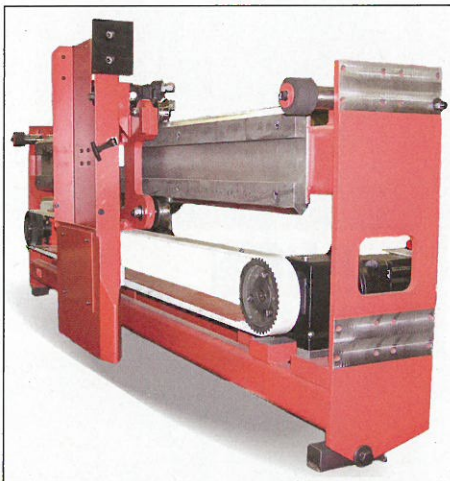


so that the access door can be opened and the system is ready for the next test.

In addition to the Rail Shear Tester, Metriguard manufactures a Panel Performance Tester (Model 820) and Panel Bending Tester (Model 830) for evaluating finished panel product quality. Metriguard also produces equipment for production-line grading and sorting veneer sheets for the laminated veneer lumber and structural panel industries. Visit metriguard.com.

6477

FLYING SAW



Spar Tek continues to bring innovations to plywood manufacturing with improvements to its flying saw for inline layup lines. The latest upgrade removes the proportional valves and replaces them with three precision servo motors. Two servo drives

match the main saw carriage to the speed of the line using electric actuators and one drives the saw across the line to separate the panels.

This flying saw will operate reliably in excess of 16 panels per minute. Spar Tek has installed 22 of these bottom cutting saws in the last 14 years and they have proven to be the most reliable and durable flying saw in the industry.

Recently, a special package including a flying saw and a dual carriage side shift stacker has been offered with PLC con-