BAUMER INSPECTION COMMISSIONS FIRST RAW BOARD SCANNER IN SOUTH EAST ASIA

Baumer Inspection has successfully commissioned the first raw board scanner ColourBrain® RawBoard 4.0 in South East Asia at Green River Panels Trang, one of the largest panel producers in Thailand. Officially introduced at LIGNA in May 2019, the first system was installed at a world-leading panel producer in Germany in the same month. Currently, more scanners are being commissioned in other parts of Asia, especially in China.

ColourBrain® RawBoard 4.0 is an inspection system that detects typical process errors in the production of chipboards and medium- and high-density fibreboards. Using automatic optical inspection systems and evaluation statistics, errors such as grinding defects, surface damage, and spots caused by oil, water and dust contamination can be identified for rectification and process optimisation. ColourBrain® RawBoard 4.0 automatically differentiates between sporadic and process-related defects, increasing first-choice output and reduces customer complaints. With live production monitoring, the integration of all systems into one control system and a common defect database, extensive customised reports can be generated to troubleshoot process deficiencies. This also helps in the conservation of materials and manpower.

Available in three compact sizes, this system takes up minimal space in production lines and is easy to install, clean and maintain. It can be integrated with any existing transport system, and its predefined interface protocols allows flexible machine-to-machine communication. P