The tailored solution for Laminate-flooring manufacturers

COMBIchecker

COMBIchecker for the semi-automatic „round-about" testing of laminate-planks
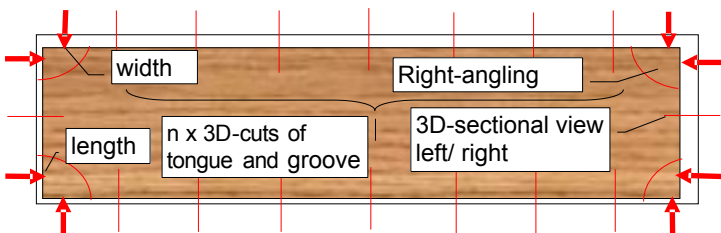
COMBIchecker – the perfect „round-about" testing of the laminate plank

The COMBIchecker may cover all manufacturing lines of a plant and offers the whole testing range :
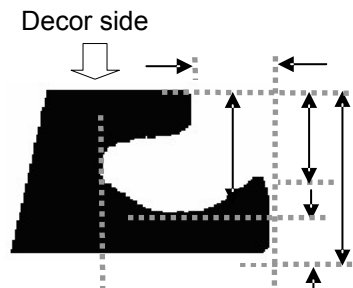
- Tongue and groove profile 3D – incl. critical click points
- Length, width and depth
- Measurement of longitudinal and transversal profile
- All 4 angles

The main advantage of this system is that the planks of several manufacturing lines may be tested. The disadvantages are the spot check testing and the need of a handling person for the assembling of the machine.

So the manufacturer has to decide, referring to its individual criteria, if he wants to test offline or inline (e.g. with the opsis GROOVEchecker)

In the 2D-range all dimensions are tested, that may be detected in the view from above on the decor, in the 3D range additionally the three-dimensional dimensions of the milling all around .

Decor side

The 3D-testing of tongue and groove profiles with up to 6 measuring heads permits control of the assigned distance measures. These are responsible for the accurate "click". This is possible, even if the measuring is not made by the same measuring head.

And that´s how the measuring with the COMBIchecker works:

The operator lays the plank on the right-sided conveyor belt and presses the start button. From then on everything continues fully automatic: the plank is drawn into the test cab, the measuring heads are led automatically across the plank and the results of measurements are represented at the display. Tolerance excesses are signalled by a color light, alternatively by acoustic alarm. After the measurement the machine drives out the tested plank on the abducent conveyor belt (left-sided). The cab is ready for the next examination.

All measuring data are stored and can be printed out together with the test specimen and operator data in a measurement report. At any time it can be accessed to the entire measuring history.