GreCon raw density profile measuring system STENOGRAPH installed after Conti press

Example figure

1. Your benefits

The GreCon raw density profile measuring system STENOGRAPH makes a non-destructive and continuous recording of the density profile during the running production operation possible. A continuous quality control is achieved and the requirement for a quick specific influencing is met. The relatively long distance in time in case of laboratory measurements is thus compensated.
A quick influencing of the upstream production processes which is possible with this new system provides many advantages:

- Process optimisation by specific material saving
- Permanent inline control of the density profile
- Reduction of material and energy costs
- Increase of the production speed and efficiency of the system
- Continuous quality monitoring
- Reduced running-in times (i.e. in case of product change)
- Optimal adaptation of the production to the board type by permanent indication of the characteristics of the raw density profile

2. Installation parameters

Material:	MDF boards
Installation Place:	Press out feed
Requirements for the Installation Place:	Board transport with low vibrations due to pressure rollers possibly to be provided locally. Exact guidance of the supporting table to be provided locally (approx. 1 m length). The design of this supporting table is carried out taking into consideration the local conditions according to our specifications. The design of this guiding table is carried out taking into consideration appropriate measures as saws/crackers and holding-down device.
Maintenance and calibration position:	optionally on the left or right side
Measuring range:	400 to 1.500 kg/m³ (> on demand)
Board thickness:	3-40 mm or 12 – 65mm, (other board thickness on demand)
Measuring step size:	0.01 to 2 mm (variable)
Measuring speed	0.01 to 2 mm (variable)
Boards`passage height at the	100 mm
Max. working width	3.000 mm (> on demand)
Passage width	4.200 mm
Air supply:	6 bar
Protective device to smooth blisters: :	to be provided locally
Ambient temperature:	+5 to +45 °C
Power supply:	3 x 400 V, N, PE, 50 to 60 Hz