

- Installation in limited space possible
- (e.g. press extensions)
- Calibration with homogeneous test samples allows precise measurements

Why GreCon



- Quick and timely recognition of weight deviations
- Clear display of the effects of changes in the production
- Display of optimisation potentials
- High accuracy and reliable measured values
- Flexible use with various products
- Reduction and elimination of rejects
- Expandable and intergation of other systems possible (e.g. a thickness gauge to evaluate the raw density)

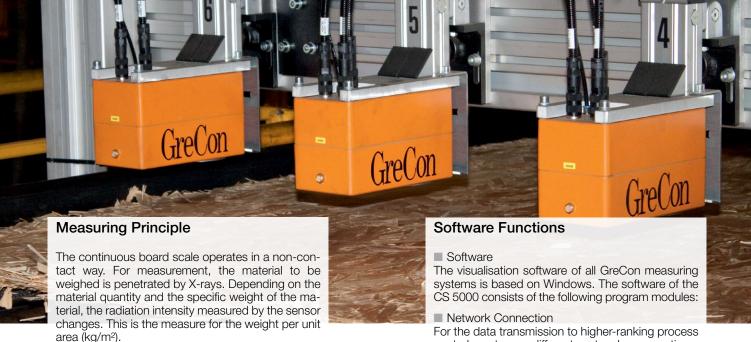
in limited space conditions. Contrary to the usual

board scales using weighing tables, the CS 5000

shows the weight distribution within the measured

panel across production. The use of the Continuous Board Scale CS 5000 in endless production or in the measurement of single panels is possible.

Using the optional link to a GreCon thickness gauge, the average raw density and its distribution within the panels can also be calculated and used to optimise the process.



Visualisation of the CS 5000



For the data transmission to higher-ranking process control systems, different network connections, such as OPC or ODBC, are available.

Visualisation

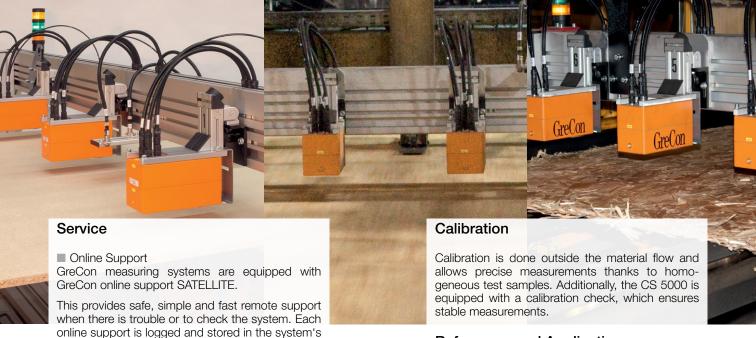
The core of the software package is the visualisation software. It records, stores and graphically represents all measured data. The simple menu structure, which is identical for all GreCon measuring systems, makes intuitive operation possible. Clear information and graphics enable the operator to quickly and effectively adjust the running production process.

■ Recipe Management

This is a product database in which different panel types and production parameters for the system can be stored.

Database

The database stores the measured values and provides a function to export them to other file formats for further processing and evaluation. A uniform data structure provides easily accessible data for process control systems.



Technical Specifications

history.

■ Supply voltage	230 V / 115 V
Frequency	50 Hz / 60 Hz
Power consumption	500 VA
■ Compressed air supply	6 bar
■ Measuring range2 to 40 kg	g/m ² (0.4 to 8 lbs/ft ²)
■ Transport speed	max. 120 m/min
■ Number of measuring tracks	1 to 10
■ X-ray tube	max. 50 kV at 1 mA $$
■ Repeating accuracy	± 10 g/m² (± 1 σ)
■ Measuring resolution	
	at 40 kg/m ²
	better than $\pm 5 \text{ g/m}^2$
	at 2 kg/m ²

References and Applications

- Wood based panels: before or after cross cut saw
- Insulating material: hot end or cold end
- Electrical insulation material (transformer board): after the press
- Wheat straw chips: after the press
- Plastic granules: after the press
- Machined car parts: after the press