



“Over many years we’ve been focusing on sustainable approaches in relation to our product optimisation, resource conservation, development and implementation. This is enabling us to meet our responsibility towards our employees, society and the increasing environmental awareness of our customers”, reports Hesse Lignal CEO Jens Hesse. “We’ve developed a new product range called ‘Better Carbon’ to better enable us to satisfy our personal sustainability aspirations and to support our customers in making their production more sustainable.”

## Sustainable lacquers for the furniture, door and parquet industries

Surface coating specialist Hesse Lignal is extending its product portfolio to include eco-friendly lacquer systems: the company from Hamm has developed a product range called “Better Carbon”, which contains a high proportion of renewable raw materials. These UV lacquers will give furniture, door and parquet manufacturers the opportunity to increase their products’ degree of sustainability without compromising on quality.

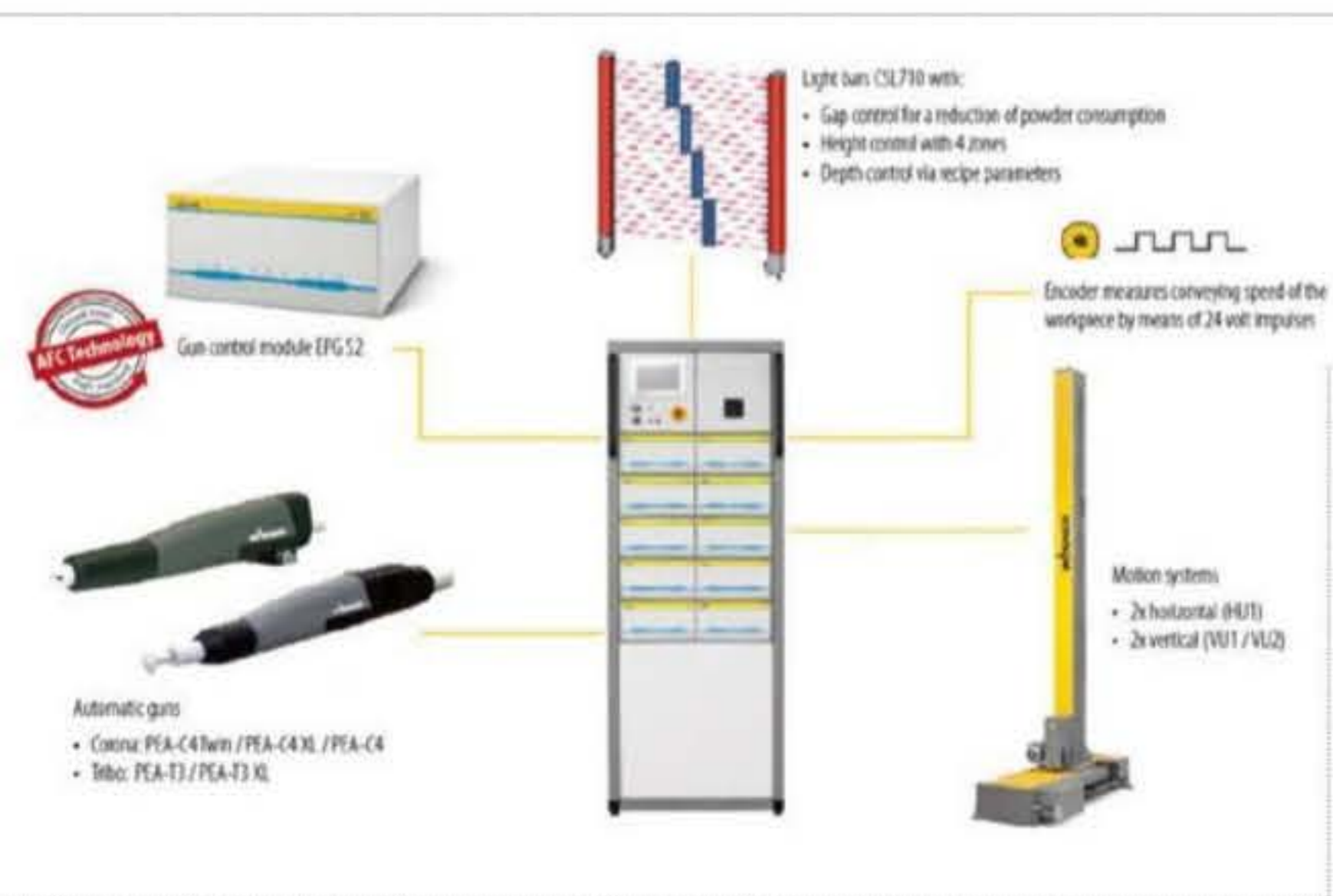
Renewable raw materials are replacing fossils

Achieving the objective of a higher degree of sustainability meant that the Hesse Lignal product developers largely replaced the fossil raw materials found in traditionally produced lacquers with bio-renewable carbon (BRC). This involves using renewable raw materials that remove CO<sub>2</sub> from the atmosphere and then bind it. The portfolio now includes products with a BRC content of up to 30 per cent. The content of renewable raw materials always refers to the total quantity of carbon material in the product. Filling materials from a natural source are not included in this calculation.

Good resistance properties

“Our aim was to develop products for the industrial production of furniture, doors and parquet flooring, which are not only characterised by their sustainable formulation but also by high chemical and mechanical resistances,” Jens Hesse explains. Clear and coloured UV lacquers have finally been created after many years of research and development. They now exhibit the same properties in terms of appearance and longevity as traditionally formulated products. These BRC lacquers are available with immediate effect.

[www.hesse-lignal.com](http://www.hesse-lignal.com)



Various configuration options with WAGNER application and motion technology.

### Upgrade of the SprayPackE control unit

## Easy operation for maximum productivity

Intuitive operation via the central touch-screen – including menu-guided color change – saves time and money and avoids operating errors. Previously, a maximum of 20 automatic guns could be controlled – from now on, the SprayPackE is also available with an expansion module that allows up to 32 guns to be connected. Users can upgrade their existing SprayPackE control unit with the expansion module and a software update, if required. This enables even greater flexibility and productivity. The required powder quantity can be set simultaneously for all guns, by groups (up to 8 groups) and also individually.

Since its introduction, the SprayPackE has already convinced with intelligent functions, which can considerably save material and costs during coating. In addition to easy operation, the automatic gap and height control, as well as depth control via recipe parameters, make a major contribution to efficient production: Spraying only takes place when the workpiece

is actually in front of the guns, and the distance between the guns can be optimized. Powder consumption is minimized, and the effort required for manual coating is reduced.

With the function upgrade, coating efficiency can be increased even further: Via an MES interface (OPC-UA), the raw data of the coating can be transmitted to a customer’s central control system for documentation and further processing. This includes, for example, application, movement and recipe parameters. Alternatively, this data can also be processed with the WAGNER COATIFY information and management platform (COATIFY.light). This IoT platform enables permanent productivity monitoring, allowing costs and quality to be optimized. The user always has important performance data at a glance and can use this information to take measures to optimize system availability and productivity.

[www.wagner-group.com](http://www.wagner-group.com)

The SprayPackE has already proven itself as an entry-level unit among the WAGNER control units and is especially suitable for users who are switching from manual application to automatic coating. The unit can be used to control automatic guns and motion systems in a connected powder booth easily and efficiently. A function upgrade now offers even more flexibility and opportunities to increase productivity.