hönle group

hönle uv technology

Head of Hönle Group

Press Release

Press Contact:

Catherine Gettert
Phone: +49 (0)8105 2083-170
catherine.gettert@hoenle.de

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New Customers Thanks to UV Coating

Hertfelder GmbH has decided to retrofit a coating machine with a UV curing unit to meet the increasing demand for scratch-resistant coatings on plastic parts. This has been a complete success, thanks to a strong UV partnership.

Since 1952, the coating specialist Hertfelder has been consistently dedicated to surface finishing. Around 50 employees ensure day by day that plastic and metal components up to 100 cm in size are reliably and professionally coated. Customers come from the automotive and aerospace industries, as well as from the sanitary or kitchen sectors. The family-owned company, based in Marbach am Neckar, specializes in customized coating applications, handling both small-scale and series production orders. For these they can choose from six different coating systems, ranging from manual to fully automated robotic systems, including the necessary drying equipment.

To meet the demand for plastic parts with a high level of scratch resistance, such as those used in vehicle interiors, UV coatings are the only solution. Hertfelder GmbH has noticed increasing demand in this area for some time, and the management decided to invest in a new, modern UV curing unit.

"We reached out to several suppliers," said Max Hertfelder, the junior manager who runs the family business with his father, Walter Hertfelder. Thorough testing is essential when choosing a UV curing system to ensure that the equipment is perfectly matched to the coatings being used. This is the only way to achieve

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the desired, flawless result. When retrofitting a UV unit onto an existing machine, it's equally important that the UV equipment fits into the machine's environment.

"Lab tests alone weren't enough for us. That's why we were delighted with the offer from the UV specialist Dr. Hönle AG, who, unlike any other supplier, readily provided us with a loan unit for in-house trials." This allowed the experienced coaters to quickly gain initial experience, always in close contact with their dedicated contact person from Hönle. Together, they determined the necessary dose, intensity, and ideal spectrum of the UV emitter. The right UV module was found quickly due to Hönle's extensive product range and was customized to meet the specific application requirements and the conditions of the coating machine. The actual integration into the coating machine was simple and carried out by the Hertfelder team.

The UV unit has been in operation for several months now, achieving the desired success: customers are fully satisfied with the scratch-resistant UV coatings on their components. "By investing in a modern UV dryer, we were able to expand our offerings for our customers—and even gain new clients," says a pleased Max Hertfelder, who is very satisfied with the decision to partner with Dr. Hönle AG. "Our contact at Hönle was always there for us, from the initial consultation to on-site testing and installation. And if we ever have a question or need service, I know exactly who to reach out to."

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About Hönle Group: Dr. Hönle AG is the parent company of the Hönle Group, based in Gilching / Munich. The publicly listed UV specialist is one of the world's leading suppliers of industrial UV technology. The business is divided into three units: BU Curing, BU Adhesive Systems, and BU Disinfection.

The experts for curing and drying solutions for printing and coating applications of the **Business Unit Curing** develop, manufacture, and distribute UV / LED-UV devices and systems with or without inertisation as well as IR/hot air dryers for coating and all common printing applications, along with the corresponding measuring technology. Additionally, the product range of the UV experts include devices and systems for solar simulation and professional lighting, for example in the automotive industry.

In addition to **international subsidiaries** in China, Korea, France, Great Britain, Austria, Malta, and the USA, as well as a sales office in Italy, the group has a **dense network of distribution partners** worldwide.

An **extensive range of services**, consisting of service technicians stationed worldwide, decentralized spare parts warehouses, and the option for augmented reality-based remote service, ensures the sustainability of the customers' production processes.

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