

**Press release**  
15.07.2024

## **FOBA's new V-Series: Compact power for precise and sustainable plastic marking**

**Selmsdorf, July 2024 - With the new V-Series marking lasers, FOBA Laser Marking + Engraving, one of the leading manufacturers of laser marking solutions, introduces a future-oriented solution for efficient product marking. The innovative UV and Green laser markers set new standards in the precise, reliable and sustainable marking of plastics and impress with its sophisticated features.**

More power, increased precision, and a fraction of the size of comparable systems - this is what FOBA's optimized V-Series (Vanadat laser systems) offers. Based on FOBA's long-term experience, the proven ultraviolet and green laser systems have been further developed in terms of power, size and efficiency and raised to a new level.

The days of bulky, heavy marking lasers are a thing of the past. With the 4-watt UV and green 10-watt marking lasers, the new V-Series offers higher performance and better precision than its predecessor models, but in a much more compact design. This allows for easy integration into existing production lines and more versatility in the design of production environments.

In addition to its compact design, the new V-Series impresses with its outstanding flexibility when marking a wide range of materials and excellent marking quality, which guarantees reliable legibility. The laser markers are particularly suitable for marking plastics and composites, but can also mark metals, ceramics, and other materials with razor-sharp and permanent results. As such, the marking lasers are the perfect solution for direct part marking in the electronics and automotive industries as well as for the gentle marking of sensitive medical plastics.

"Our V-Series represents a significant step forward in developing easy-to-integrate marking lasers. With its compact design and high performance, we offer a cost-effective solution that effectively replaces other printing technologies such as Continuous InkJet (CIJ), label and pad printing", says Philipp Febel, Director Product Strategy & Customer Experience at FOBA. "The 355 nm and 532 nm wavelengths allow us to cover most applications on plastics while offering the possibility of easy integration into existing production lines as well as into the FOBA M-Series machines."

In addition, the V-Series offers future-proof technology. Compared to conventional marking technologies such as CIJ or pad printing, the V-Series requires hardly any consumables. This makes it a sustainable solution that minimizes waste and operating costs and can reduce the environmental footprint.

### **FOBA Laser Marking + Engraving**

<https://www.fobalaser.com/en/newsroom-events/news-press/fobas-new-v-series-compact-power-for-precise-and-sustainable-plastic-marking>

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FOBA V.0042-uv: UV laser marking system with supply unit. (Image rights FOBA)



FOBA V.0042-uv: UV laser head with marking head in the "straight out" version. (Image rights FOBA)

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**About FOBA**

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ALLTEC Angewandte Laserlicht Technologie GmbH with its brand FOBA Laser Marking + Engraving is one of the leading manufacturers and suppliers of innovative laser marking solutions. FOBA's marking lasers, laser marking machines and imaging marking workflows are used primarily in the automotive supply industry, medical technology, electronics and plastics industry as well as in tool, metal and mold making for marking a wide range of materials and products. Worldwide sales and international sales partners and service locations serve the global markets.

Since 2023, Alltec/FOBA, with its headquarters near Lübeck near Hamburg, has been part of the US-based Veralto Corporation.