

New Linx UV Coder Redefines High-Performance Coding on Flexible Films and Rigid Plastics

Linx Printing Technologies has launched the Linx UVG5 UV laser coder, setting a new standard for coding on challenging substrates.

UNITED KINGDOM, December 17, 2024 /EINPresswire.com/ -- Linx Printing Technologies, a global leader in industrial coding and marking solutions, has launched the Linx UVG5 UV laser coder, setting a new standard for coding on challenging substrates. Designed to deliver high-performance permanent marking across a diverse range of materials, the new coder brings superior precision and versatility to demanding production environments.



Linx UVG5 Laser Production Line Rigid Plastics

The Linx UVG5 UV laser is specifically designed for permanent marking on complex materials such as delicate mono-recyclable films and rigid plastics, including HDPE, LDPE, and PP. By minimising thermal stress, each coder ensures substrate integrity and reduces the risk of damage, making it an ideal choice for marking sensitive materials where traditional CO2 and fibre lasers may cause undesirable effects.

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Mariusz Dabrowski, Laser Business Unit Manager at Linx

Capable of coding up to 2,000 characters per second, the Linx UVG5 coder provides permanent, high contrast marking. Fast and consistent coding maximises production throughput while supporting traceability with both human-readable and machine-readable codes, including 2D Data Matrix, and QR including GS1 formats.

By eliminating the need for consumables, the UVG5 laser

reduces both the cost of ownership and the need for ongoing monitoring. This contributes to a more sustainable solution while minimising downtime and maximising operator efficiency. The integrated Focus Shift technology allows for marking on multi-sized products on a single production line without the need for manual adjustments, reducing setup times and enhancing production line flexibility.

Furthermore, the Linx UVG5 laser coder's class leading enhanced integration and flexibility make it suitable for a wide range of applications. With various adaptable beam delivery options, it seamlessly integrates into existing production lines and can be installed in space-restricted areas. The user-friendly LinxVision interface simplifies operation and reduces the chance of errors, allowing operators to maintain consistent production with minimal training. While the built-in Pilot Laser and Focus Finder features streamline the setup process, ensuring accurate placement and reducing waste.

"The Linx UVG5 UV coder is another example of Linx innovation, providing an adaptable and user-friendly solution for challenging substrates that meets a variety of coding requirements, including effective traceability," said Mariusz Dabrowski, Laser Business Unit Manager at Linx. "Companies can be assured of the consistent, sustainable operation of their production lines with fewer product recalls."

By investing in the Linx UVG5 UV laser coder, manufacturers can benefit from a progressive solution that not only meets the growing demand for high-quality coding on various substrates but also supports sustainability goals and reduces ongoing operational costs. The Linx UVG5 provides permanent, visible codes, ensuring traceability for industries that require durability and reliability in marking solutions.

For more information on Linx's new UVG5 UV laser coder and to discover how it can enhance your production processes, visit www.linxglobal.com

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