



Linx laser coders ensure quality standards for food packaging

Two laser coders from Linx Printing Technologies are providing valuable quality assurance tests for a leading New Zealand metal packaging manufacturer.

NCI Packaging produces a range of cans, drums and pails for both food and industrial customers. For its can ends, the company applies a special ink which changes colour when it is laser coded, enabling manufacturers to include production and traceability information.

The Linx CSL30 and Linx CSL10 lasers, supplied by Linx distributor Reynolds Group, are being used in NCI's QA laboratory to test the effectiveness of the ink and ensure NCI customers can produce high quality readable codes in line with their own rigorous quality standards.

Test codes are between two and four lines and also include a 2D QR code. Code readability is then checked by a scanner.

A major benefit of the Linx laser coders is their compact dimensions, given the limited space available in the laboratory. Installation was facilitated by Reynolds and made easier thanks to the flexible conduit design, detachable marking head, connectors and conduit, and quick disconnect umbilical cable.

"We needed a laser solution that was compact and easy to operate, and one that had the capability to accommodate both our existing and potential future customer requirements," comments Windsor Yang (Sales Manager – New Zealand) of NCI Packaging.

"We were referred to Reynolds and Linx by a mutual customer and are very happy with the decision. The laser coders are of a very high standard and in tests outperformed the other model we were considering."

“The laser coders are of a very high standard...and outperformed the other model we were considering.”

Windsor Yang, NCI Packaging

NCI Packaging

Key Facts

Country

New Zealand

Industry

Metal packaging

Product coded

Coated steel can ends

Code applied

2-4 lines of text & QR code

Purpose of code

Quality assurance

Linx lasers

Linx CSL10 & CSL30 CO₂

Key Product Benefits

Linx CSL Laser Coders

- Easy to integrate into packaging machinery: detachable marking head and quick disconnect cables
- Economical to use with a long tube life of up to 45,000 hours
- Flexible configurations to match exacting coding requirements
- Permanent marking on a wide range of materials.



Both the Linx CSL10 (10 watt) and CSL30 (30 watt) CO₂ laser coders feature a powerful processing board that is able to quickly relay the message from the control unit to the marking head.

The Laser coders can handle complex messages and graphics without any loss of quality, and the LinxVision® operating system allows for fast and simple set-up that minimises errors.

Multiple beam delivery options allow for coding in any orientation, and the detachable marking head and quick disconnect cables make integration into production environments easier.

With the largest range of configurations of marking heads, lens and tube wavelength options, Linx CSL lasers can be fine-tuned to customers' specific applications.

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